



**Product Catalogue 2025** 







# **Contents**

	CORPORATE SETUP	The Emak Group	4
		Outdoor Power Equipment	6
	ZERO EMISSIONS	Battery-powered products, 40 V range	12
		Battery-powered products, 56 V range	28
		Chainsaws	42
	CUTTING AND PRUNING	Pruners	58
		Hedgetrimmers	64
		Brushcutters	70
		Lawnmowers	106
		Robot Mowers	122
	CUTTING GRASS	Scarifiers	126
OF TING GIAGO		Wheeled brushcutters	130
		Flail mowers	136
		Garden Tractors	142
	TREATMENTS AND IRRIGATION	Water Pumps	156
	TREATMENTS AND INNIGATION	Backpack Mistblowers	160
	DDEDARING THE OROMAI	Rotary Tillers/Two-wheeled tractors	164
	PREPARING THE GROWN	Earth Augers	170
	a. =	Blowers and Vacuum Cleaners	172
	CLEANING	High-pressure Washers	176
	TRANSPORTING	Transporters	184
	POWER GENERATION	Power generators	188
		Fuels, Lubricants and various Accessories	194
	SAFETY AND ACCESSORIES	Protective Clothing	200
		Outdoor Clothing	212
	L	Gardening Line	220
	EMAK ENGINES	Agricultural Line	234
		5	

# **Symbols**

	Constant Power  Motor control electronic system designed to guarantee unvarying performance irrespective of battery charge.	AlwaysOn	AlwaysOn On/off switch that returns automatically to the "on" position after each stop, thus eliminating the risk of flooding the carburettor.
Easy	EasyOn User-friendly starting system ensures a smooth pick-up of the engine with no kickback, and limits the number of pulls required.	<b>plus</b> Gut	Pluscut Multifunction lawnmowers with collection or mulching system (in mulching operation the grass cuttings are finely shredded and distributed over the lawn surface where they decompose rapidly to become an efficient natural fertiliser).
Eosy Stori	EasyStart System that offers the same advantages as the EasyOn system but with the addition of reduced kickback, thanks to a double starter spring.	<i><b>₽iK-GO</b></i>	iK-GO Emak engine with electric starter running on a rechargeable battery.
	Decompressor The compression ratio in the cylinder reduces when the starter is pushed in, allowing the engine to be started with less effort.	instartis	InstartIS Briggs & Stratton engine with electric starter running on a rechargeable battery.
	Lateral chain tensioner This device simplifies tensioning adjustments while avoiding any contact with the chain.	DE LES SART	ReadyStart System that automatically detects the engine temperature and feeds the optimal quantity of fuel to the carburettor. No need for primer or closing of the choke.
<b>OnBoard</b>	OnBoard Clutch Reduces the risk of the clutch jamming and simplifies routine maintenance while also making for easier chain replacements.	Cutting device	3-cutting device Versatile cutting system that includes mulching, pick-up and deflector for rear discharge (optional).
	EasyLift The folding rear handgrip covering the filler caps is ergonomic and provides access to the tanks without using tools.	Cutting device	4-cutting device Versatile cutting system that includes mulching, collection and side discharge as standard, with optional deflector for rear discharge.
(Vib Cut)	VibCut An antivibration system that isolates the engine from the handles and the body of the machine, considerably reducing the vibrations transmitted to the user during operation so as to guarantee maximum comfort and easy handling.	Deck	Deck Wash Quick-fit connector for washing the cutting deck after use. Convenient and practical, it helps keeps the deck in tip-top condition at all times.
SRS	SRS Safety Release System Innovative quick release system allowing the operator to step away from the machine in an instant, for maximum protection and safety.	Premium Safety	Premium Safety A complete line of protective work clothing. Ensures maximum safety without restricting movement.
Stroke	4-Stroke     The 4-stroke engine significantly reduces fuel consumption compared with a conventional 2-stroke engine.	original independent in an artistic in art	Original accessories and spare parts Quality mark identifying original Emak parts and accessories. Designed to the most stringent quality standards, these items guarantee smoother operation of the machine and longer service life.



# The Emak Group

#### **Our Vision**

#### "Innovative solutions for the best customer value"

We aim to operate as one of the world's foremost players in the development, production and distribution of machines, components and accessories for gardening, agriculture, forestry and industry, with an offering of innovative products and services designed to make the work of our clients in the consumer and professional markets efficient and enjoyable, guaranteeing that they always receive the highest possible value.



#### **Structure**

The **Emak Group** is active in the development, production and worldwide sale of an extensive range of products for three business segments:

#### **Outdoor Power Equipment**

 products for gardening, forestry and agriculture, including brushcutters, lawnmowers, garden tractors, chainsaws, rotary tillers and rotary cultivators.

#### **Pumps and Water Jetting**

- · products for agriculture, including centrifugal and diaphragm pumps for crop spraying and weed control;
- products for industry, including pumps for industrial applications and high and very-high pressure systems;
- products for cleaning, namely professional and semiprofessional high-pressure washers, floor scrubber-dryers and vacuum sweepers.

#### **Components and Accessories**

• products such as strimmer line and line heads for brushcutters, accessories for chainsaws, guns, valves and nozzles for high-pressure washers and for agricultural applications, plus precision farming products (sensors and computers).

The group has approximately 2,500 employees overall.



# The Emak Group

# **Divisions and Product Range**

#### **Outdoor Power Equipment**





























[ efco

**B**NIBBI

#### **Pumps and Water Jetting**

































**LAVOR** 



#### **Components and Accessories**







































#### **Outdoor Power Equipment**

#### **Our Passion**

**Emak**'s green ethos is made up of certainty, innovation and completeness. Our green credentials are based on care, respect, passion and design focus. That's why, with our **Efco**, **Oleo-Mac**, **Bertolini** and **Nibbi** brands, **Emak** stands as a benchmark in groundcare and garden maintenance for professionals and amateurs alike. A passion that has been all-Italian for more than 50 years. There's an **Emak** for everyone.



#### **Structure**

**Emak** operates in the **Outdoor Power Equipment** segment through **9** companies engaged in the development, production and sale of products for gardening and forestry, and small agricultural machines, including brushcutters, lawnmowers, garden tractors, chainsaws, rotary tillers and rotary cultivators.



#### **Facts and Figures**

4 brands

4 production units

8 countries with direct presence

~800 personnel

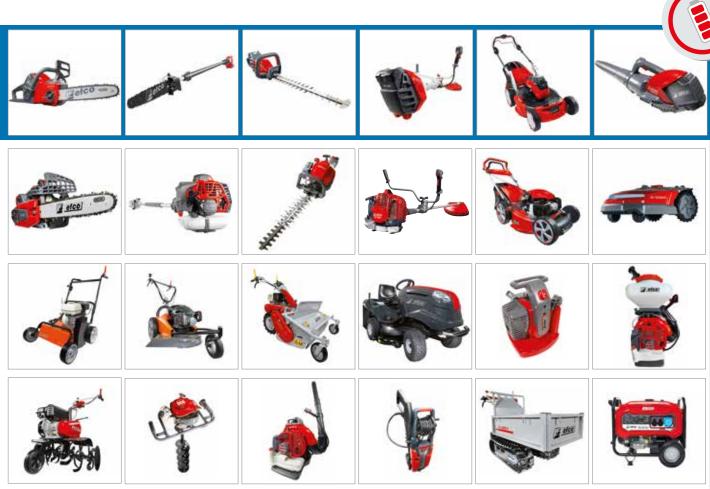
200 dealers nationwide110 countries served24 product families

270 models



#### **Outdoor Power Equipment**

#### **Products and Accessories Range**



Gardening, farming and forestry tools for home users and professionals. Efco covers all shades of green. With different models to meet each user's needs but all sharing the same exceptional quality standards in terms of performance, reliability, comfort and safety. The accessories range is offered as an extension and completion of the product range. Ergonomics, quality and styling are essential ingredients of the development of Efco's products: primarily designed to meet the needs of professionals whilst also taking care of the requirements of less expert users who insist on the very best. A truly comprehensive range of superb quality products at highly competitive prices - that's the **Efco** formula.

#### Home-plus









Tough-tech















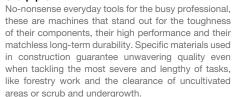


#### Home-plus

A range of machines aimed at the home user, for tidying and cleaning the garden, cutting hedges and small trunks or stems, and DIY jobs in general. Characterized by lightweight and compact construction, to make the task of the operator that much simpler. Easy to start, easy to use, easy to maintain: these are the ideal tools for getting things done quickly and neatly around the home.

# Tough-tech

Solid and dependable, these are machines designed for heavy and frequent use in countryside environments: clearing overgrown and uncultivated areas, pruning and cutting firewood, crop irrigation and disinfestation tasks. Designed adopting solutions certain to ensure high work rates and maximum durability over time.











# **The New Products**

Battery-powered products, 40 V range		Hedgetrimmers	
Pruners PTi 35	15	DS series with shaft DS 2410 HC DS 2410 HCL	69 69
Shaft Hedgetrimmers DSi 35 HL	17	Robot mowers	09
Brushcutters DSi 35	19	Up to 1000 m <sup>2</sup> R 500i R 1000i	124 124
Multifunction Brushcutters DSi 35 D	20	Up to 2000 m <sup>2</sup> R 2000i	124
Battery-powered products, 56 V range		Flail mowers	120
Pruners PTXi 530	30	DR series DR 80 TR	141
Hedgetrimmers TGi 560	31	Garden Tractors	
Shaft Hedgetrimmers DSi 530 HL	32	Side-discharge EF 99 L/12,5 K M EF 109 L/19 K V	145 145
Brushcutters DSi 530 S DSi 530 T	33 33	Rear-discharge EF 92 R/19 K V EF 102 R/16 K	147 148
Multifunction Brushcutters DSi 530 D	34	EF 102 R/19 K V	148
Lawnmowers LRi 548 P	36	All-terrain garden tractors TUAREG 92 PRO 2WD TUAREG 92 PRO 4WD	151 151
LRi 548 V LRi 553 V	36 36	Rotary Tillers/Two-Wheeled Tractors	
Blowers SAi 570	37	MC series two-wheeled tractors MC 350	169
Chainsaws		Power generators	
MT series compact		Charging station PSi 1650	193
MT 2100 E	44	Outdoor Clothing	212



ZERO EMISSIONS	CUTTING WOOD FOR FIREPLACES, SMALL PRUNING, DIY JOBS WITH A BATTERY-POWERED CHAINSAW CUTTING HEDGES WITH SMALL STEMS WITH A BATTERY-POWERED HEDGETRIMMER FINISHING THE LAWN ON SMALL AND FLAT GROUND WITH A BATTERY-POWERED BRUSHCUTTER CUTTING THE GARDEN LAWN WITH A BATTERY-POWERED LAWNMOWER CLEAR LEAVES WITH A BATTERY-POWERED BLOWER PRUNING TREES WITH A BATTERY-POWERED PRUNER	Battery-powered products
CUTTING AND	CUTTING WOOD FOR FIREPLACES, SMALL PRUNINGS, DIY JOBS  LIMBING UP, CUTTING OF SMALL PLANTS AND FIREWOOD  CUTTING DOWN AND CUTTING UP LARGE TREES	Chainsaws
PRUNING	PRUNING TREES	Pruners
	CUTTING HEDGES WITH SMALL STEMS CUTTING LARGE HEDGES WITH DENSE VEGETATION	Hedgetrimmers
	FINISHING OFF THE LAWN ON SMALL AND FLAT GROUND	
	FINISHING OFF THE LAWN ON LARGE TRACTS OF LAND	Brushcutters
	FINISHING OFF THE LAWN ON WIDE AND DISCORDANT TERRAIN CUTTING RUSHES, CLEANING THE UNDERGROWTH	
CUTTING GRASS	CUTTING THE LAWN IN THE GARDEN	Lawnmowers
	CUTTING THE GARDEN LAWN AUTOMATICALLY	Robot mowers
	SCARIFYING THE LAWN	Scarifiers
	TRIMMING AND MOWING GRASS, WEEDS, INVASIVE VEGETATION	Wheeled brushcutters
		Flail mowers
	CUTTING THE LAWN GRASS ON A LARGE SCALE	Garden Tractors
TREATMENTS AND	IRRIGATING PLANTS, VINEYARDS, ORCHARDS	Water Pumps
IRRIGATION	DISINFESTING PLANTS, VINEYARDS, ORCHARDS	Backpack Mistblowers
PREPARING THE GROWN	SOWING AND CULTIVATING DRILLING THE SOIL	Rotary Tillers Earth Augers
	CULTIVATING A SMALL-SIZED PLOT	Two-wheeled tractors
CLEANING	BLOWING AND COLLECTING LEAVES BLOWING LEAVES, OLIVES, HAZELNUTS	Blowers and Vacuum Cleaners
JEENING	WASHING THE CAR, WASHING THE OUTSIDE FLOORING	High-pressure Washers
TRANSPORTING	TRANSPORTING LOADS, WOOD, SOIL	Transporters
POWER GENERATION	GENERATE POWER FOR HOUSEHOLD TOOLS AND LEISURE EQUIPMENT	Power generators

# **Product Range**

	НОМЕ	COUNTRYSIDE	WOODLAND	URBAN
Chainsaws	МТ	i 30		
Hedgetrimmers	TGi 45 / DSi 35 HL TGi 560 / DSi 530 HL			
Brushcutters	DSi 30	DSi 35 / DSi 35 D		i 530
Lawnmowers	LRi 40 / LRi 44 / LRi 48	DSi 530 / DSi 530 D	LRi 548 / LRi 553	530 D
Blowers	SAi 60 BOOST		SAi 570	
Pruners	PTi	35	PT)	(i 530
Electric	MT 2100 E	PATUL 4000		
H series compact MT series compact	MTH 400 / MT 3710 /			
H series medium power	MTH 510 / MTH 5100 /	MTH 560 / MTH 5600		
MT series medium power MT series professional	MT 4510 /		T 6300 / MT 6500 / MT 65	510
H series Pruning	МТТН	2400		710
MT series Pruning	DTU	MTT 2500 /	MTT 3600	
H series pruners Telescopic Pruners	PTH	2500 PTX:	2750	
Electric	TG 605 E / TG 750 E			
Professional Shaft		TG 2460 P / TG 24 S 2410 H / DS 2410 HL / I		71
Electric	8061 / 8091	13 2410 117 D3 2410 HE 7 E	00 2410 110 / DO 2410 110	<u>, , , , , , , , , , , , , , , , , , , </u>
H series lightweight	DSH 250 /	DSH 2500		DSH 250 / DSH 2500
H series lightweight multifunction	DSH 250 D /			DSH 250 D / DSH 2500 D
STARK series lightweight  DS series lightweight	STARK 25 / S			DS 2410
DS series lightweight multifunction	DS 24	110 D		DS 2410 D
H series 4-stroke	DSH DSH 3100			DSH 3100 DSH 3100 / DSH 400
H series medium power	DSH 3100 DSH 4000 DSH	/ DSH 500		DSH 3100 / DSH 400 DSH 4000 / DSH 500 DSH 5000
STARK series medium power	STARK 3810	1111		2011 0000
DS series medium power	DS 2700 / DS 3		200 D	DS 2700 / DS 3000 / DS 3500
DS series medium power multifunction		DS 30 DS 4000	/ 8410 / 8460 / 8530 / 85	50 BOSS
Professional  Backpack		DS 5300 / DS	5400 / DS 5400 BOSS / I	DS 5500 BOSS
Electric	PR 35 / PR 40 / LR 44 / LR 48		IN 4410 / DOI 3300 / DOI	3400
COMFORT push-type and self-propelled	LR 44 /			
COMFORT PLUS push-type COMFORT PLUS self-propelled	LR 44 / LR 44 / LR			
ALLROAD PLUS 4 self-propelled	LR 48 /			
ALLROAD ALUMINIUM self-propelled ALUMINIUM PRO self-propelled	AR 48 /			AR 48 / AR 53 AR 53
MR 55 self-propelled professional	MR			MR 55
Up to 1000 m <sup>2</sup> Up to 2000 m <sup>2</sup>	R 500i /			R 2000i
For home use	SCA 38 R	5001		H 20001
Professional		SCA 50 H		SCA 50 H
For home use For intensive use	DEB	517 DEB 519		DEB 519
Professional		525 010	DEB 5159 / DEB 529	525 010
For home use For intensive use	DR	50 DR 65		
Professional Professional		DR 80 /	DR 100	
Rider		HYR		FF 00 / FF 400
Side-discharge	EF 99 /			EF 99 / EF 109 EF 86 / EF 92 / EF 95
Rear-discharge	EF 86 / EF 92 / EF 9 EF 106 / EF	95 / EF 102 / EF 105 124 / EF 125		EF 102 / EF 105 / EF 106 EF 124 / EF 125
Professional all-terrain		TUAREG 92 PRO /	TONKAWA 110 4x4	
Self-priming Water Pumps		MP 3000 / PC 1		
Not self-priming Water Pumps  Backpack		AT 800 / AT 8000 AT 2063	050	AT 800 / AT 8000 AT 2063
Compact	MZ :			
Medium power	MZ 2075			
Medium power Compact	TR 1551 MC 350			
Handheld		2500		
Backpack			SA 2063 / SA 9010	
Cold water	IP 1750 / IP 19	/ IP 1400 / IP 1500 900 / IPX 2000		ID OFFICE AND A STATE OF THE ST
Hot water		/ IP 3000 HS		IP 2500 HS / IP 3000 HS
Compact Professional	TN 3400	TN 4500 /	'TN 5600	
Up to 3 kW	PGE 25 / PGE 35			
Up to 6 kW		PG	E 65 / PGE 65E / PGE 80	E-3
Inverter Charging station	PSi 1650		PGE 23i / PGE 48i	
yiiig oudioii	. 01 1000			





# The evolution of eco-friendly tools: quiet, practical and versatile.

#### **Technology and comfort**

The **Efco** battery-powered range is the latest evolution of DIY power tools for gardening activities. They combine efficient performance with convenient and easy use thanks to the battery operation. Switching to **Efco** battery-powered products removes the hassle of preparing fuel/oil mixture, making sure it doesn't deteriorate, and dealing with oil and fuel spills. The battery used is a high-tech device, compatible with a huge number of charging cycles equivalent to many years of use, whether fully charged or partially charged. The battery is also completely interchangeable, functioning like an energy store that's always ready for use with any application in the range. Finally, **Efco** battery-powered tools deliver the all-important guarantee of environmental respect, thanks to the absence of combustible fuel and the elimination of noise pollution. The attractive styling of **Efco** battery-powered products makes them absolutely unique and iconic in the field of garden maintenance equipment.



Exterior mounted battery to reduce structural bulk without reducing ruggedness or increasing weight.



Machines designed for optimal balance and minimal operator fatigue.



Fully interchangeable batteries rated 2.0 or 5 Ah, compatible with all applications in the range.



Motor control electronic system designed to guarantee unvarying performance irrespective of battery charge.



Adjustable speed blower to provide exactly the right power for the job in hand.



Steel deck lawnmower, cutting diameter of 41 or 46 cm, with facility to operate also with a double battery for the utmost flexibility.



# Battery-powered products, 40 V range





# **Chainsaws**



The cordless battery-powered chainsaw is the perfect tool for pruning, cutting branches and small and medium-sized firewood. The battery-powered chainsaw stands out for its compact and ergonomic design for more comfortable use of the tool. Equipped with a top notch Oregon cutting tool with high-strength thin chain for optimal penetration, the MTi 30 battery-powered chainsaw is ideal for DIY duties, eliminating the exhaust fumes and noise of a petrol engine tool with no compromise in terms of performance and reliability.





Low weight and compact dimensions.



Oregon 12" bar and chain.



No-tools chain adjustment.





MTi 30
Brushless
40 V
Bi 5,0 EF
Oregon, sprocket-nose
30 cm / 12"
3/8" x .043"
16 m/s
automatic/zero oil flow with motor stopped
0.2 L
tool-free, knob system
160 cuts
2.8 kg
220' (5.0 Ah)
90' (5.0 Ah)

(\*) Cut of wood section up to 10 cm diameter. Working time can be subject to variations according to working conditions and type of wood to be cut

#### **Pruners**



Designed for pruning trees with the ability to cut medium-sized branches even at heights above 2.5 m, the **PTi 35** pruner combines the right amount of power with the advantages of battery-powered machines. The motor's positioning adjacent to the battery, means that cutting visibility and weight distribution are excellent, thus limiting fatigue when used for long hours at a stretch.



Brushless motor located adjacent to the battery for the best possible weight distribution.



Excellent working visibility thanks to the small-sized cutting tool.



Exceptional reliability thanks to the Ø 8 mm rigid drive shaft running on 6 self-lubricating plain bearings.



Rest support for attaching to base of the power unit (optional). **54340011R** 



PII 30
Brushless
40 V
Bi 2,0 EF / Bi 5,0 EF
26 mm
25 cm/10" (sprocket-nose)
3/8" x .050"
0,13 L
ND
ND
45 cuts (2.0 Ah) / 115 cuts (5.0 Ah)
30 cuts (2.0 Ah) / 75 cuts (5.0 Ah)
2.1 m
3.8 kg
88' (2.0 Ah) / 220' (5.0 Ah)
40' (2.0 Ah) / 90' (5.0 Ah)

<sup>(\*)</sup> Cut of wood section up to 10 cm diameter.

Working time can be subject to variations according to working conditions and type of wood to be cut.



# Hedgetrimmers



The freedom of movement allowed by the absence of a power cable makes battery-powered hedgetrimmers ideal for duties around the garden. Equipped with high quality laser-treated blades to ensure high cutting precision without damaging vegetation, battery-powered hedgetrimmers are the perfect solution thanks to their ergonomic design and total absence of exhaust emissions. The rugged gearbox ensures reliability and long life, while the batteries provide up to 2 hours of continuous operation so that jobs can be completed on a single charge.



High quality laser-sharpened 45 cm blades.



Very long working times.



Dual action.





	TGi 45
Motor type	Brushed
Voltage	40 V
Operating batteries	Bi 2,0 EF / Bi 5,0 EF
Blade type	dual action
Blade length	45 cm
Blade tooth spacing	20 mm
Sound pressure/power level	81.4/90 dB(A)
Lh/rh vibration level < 2.5 m/s <sup>2</sup>	
Running time, light use (*)	48' (2.0 Ah) / 120' (5.0 Ah)
Running time, intensive use (*) 36' (2.0 Ah) / 90' (5.0 Ah)	
Weight without battery	3.0 kg
Charging time with CRG	88' (2.0 Ah) / 220' (5.0 Ah)
Charging time with FAST CRG 40' (2.0 Ah) / 90' (5.0 Ah)	

<sup>(\*)</sup> Indicative data which may vary depending on working conditions and the type of vegetation cut

# **Shaft Hedgetrimmers**



With the **DSi 35 HL** shaft hedge trimmer, tending tall hedges above average height is no longer a challenge. This tool effectively combines low weight, performance and strength, starting with the powerful brushless motor and steel shaft arm that drive the articulating blade.



Brushless motor located adjacent to the battery for best possible weight distribution.



Excellent working visibility thanks to the small-sized cutting tool.



Rest support: to make it easier for the user, a support is provided as standard for attaching to the base of the power



Steel blades adjustable through 12 different positions from 0° to 180°, ensuring precise cutting that adapts to different types of hedges.



	DSi 35 HL	7
Motor type	Brushless	
Voltage	40 V	
Operating batteries	Bi 2,0 EF / Bi 5,0 EF	f
Shaft arm diameter	26 mm	
Blade speed	2700 cuts/min	G
Blade length	400 mm	· ·
Blade pitch	30 mm	a
Articulating blade	articulates through 12 positions from 0 to 180°	
Sound power/sound pressure level	ND	
Lh/rh vibration level	ND	
Running time, light use (*)	27' (2.0 Ah) / 67' (5.0 Ah)	i i
Running time, intensive use (*)	20' (2.0 Ah) / 50' (5.0 Ah)	
Overall length of machine	2.35 m	
Weight without battery	4.8 kg	
Charging time with CRG	88' (2.0 Ah) / 220' (5.0 Ah)	
Charging time with FAST CRG	40' (2.0 Ah) / 90' (5.0 Ah)	

<sup>(\*)</sup> Indicative data which may vary depending on working conditions and the type of vegetation cut



# **Brushcutters**



**DSi 30** is an irreplaceable tool for working around the garden. It combines the low weight and ease of use typical of battery-powered tools with the practicality of the Load&Go line head, for easy loading without the use of tools, plus a 30 cm cutting diameter and 2 mm diameter "Pro-Silent" line.







Rugged and well-balanced handle.

30 cm cutting diameter.

Load&Go head.





	DSi 30
Motor type	Brushed
Voltage 40 V	
Operating batteries Bi 2,0 EF / Bi 5,0 EF	
Cutting diameter 30 cm	
Cutting equipment 103 mm dia. Load&Go line head with 2 mm dia. nylon line	
Handle	single, adjustable
Sound pressure/power level	76/87 dB(A)
Lh/rh vibration level < 2.5 m/s <sup>2</sup>	
Running time, light use (*) 24' (2.0 Ah) / 60' (5.0 Ah)	
Running time, intensive use (*)	16' (2.0 Ah) / 40' (5.0 Ah)
Weight without battery	2.9 kg
Charging time with CRG	88' (2.0 Ah) / 220' (5.0 Ah)
Charging time with FAST CRG	40' (2.0 Ah) / 90' (5.0 Ah)

<sup>(\*)</sup> Indicative data which may vary depending on working conditions and the type of vegetation cut

#### **Brushcutters**



With the **DSi 35** brushcutter, edges, lawns and flowerbeds can be successfully trimmed, even when overgrown with tougher wild grasses. The brushless motor, mounted adjacent to the battery, delivers all the power needed by the cutting head thanks to the 8 mm diameter steel shaft arm.



Brushless motor located adjacent to the battery for the best possible weight distribution.



Load&Go Compact head Ø 103 mm: for straightforward line replacement - takes just 20 seconds to rewind the line and get back to work.



Optional **HH 30** hedge trimmer tool can be attached to the brushcutter. **61469209** 



#### **DSi** 35

Motor type	Brushless	f
Voltage	40 V	
Operating batteries	Bi 2,0 EF / Bi 5,0 EF	
Shaft arm diameter	26 mm	
Cutting diameter	30 cm	
Handle	single	
Cutting equipment	103 mm dia. Load&Go Compact line head with 2.4 mm line	
Sound pressure/power level	ND	
Lh/rh vibration level	ND	
Running time, light use (*)	15' (2.0 Ah) / 38' (5.0 Ah)	
Running time, intensive use (*)	10' (2.0 Ah) / 25' (5.0 Ah)	
Weight without battery	4.2 kg	
Charging time with CRG	88' (2.0 Ah) / 220' (5.0 Ah)	
Charging time with FAST CRG	40' (2.0 Ah) / 90' (5.0 Ah)	

<sup>(\*)</sup> Indicative data which may vary depending on working conditions and the type of vegetation  $\operatorname{cut}$ 





# **Multifunction brushcutters**



Combining power and versatility, the **DSi 35 D** multifunction brushcutter is an excellent solution for home garden care. With just one motor it is possible to power multiple tools: brushcutter, hedge trimmer and pruner. The powerful brushless motor delivers the right amount of power needed by the different attachments to tackle different types of vegetation in home gardens up to medium size.



Brushless motor located adjacent to the battery for the best possible weight distribution.



The "no tools" quick coupling system makes it possible to switch between attachments easily and without using tools



The hedge trimmer, pruner and extension attachments can also be used with the **DSH 2500 D** motor unit.



Optional rest support makes the machine even easier to handle. **54340011R**.





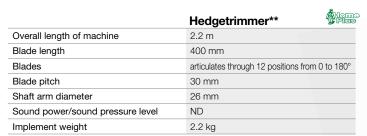
DSi 35 D
Brushless
ND
40 V
Bi 2,0 EF / Bi 5,0 EF
2.1 kg
88' (2.0 Ah) / 220' (5.0 Ah)
40' (2.0 Ah) / 90' (5.0 Ah)

# **Multifunction brushcutters**



	Pruner**	Home
Overall length of machine	2.0 m	
Bar length	25 cm/10"	
Chain (pitch x gauge)	3/8"x .050"	
Oil reservoir capacity	0.13 L	
Shaft arm diameter	26 mm	
Sound power/sound pressure level	ND	
Implement weight	1.7 kg	

<sup>\*\*</sup>Can also be used with **DSH 2500 D** multifunction petrol engine brushcutter



<sup>\*\*</sup>Can also be used with **DSH 2500 D** multifunction petrol engine brushcutter

	Brushcutter
Cutting components	103 mm dia. Load&Go Compact head, with 2.4 mm dia. line
Shaft arm diameter	26 mm
Sound power/sound pressure level	ND
Vibration level lh/rh	ND
Implement weight without cutting tool	1.3 kg

	Shaft extension**	Home
Weight	0.9 kg	
Shaft arm diameter	26 mm	
Length	1000 mm	

<sup>\*\*</sup>Can also be used with DSH 2500 D multifunction petrol engine brushcutter









#### Lawnmowers



The transition to battery power offers significant benefits even for lawnmowers, including results that rival classic petrol engine machines. With these machines (of which **LRi 44** and **LRi 48** are also available in a self-propelled version), mowing duties benefit from ease of use, reduced noise levels and the complete elimination of exhaust gas. Forget about having to empty the fuel tank to prepare for winter storage, replace the spark plug, clean the air filter, or worry about stored fuel-oil mixture deteriorating: all this is no more than a distant memory with battery-powered motors, without any compromise in performance. The **LRi 44** and **LRi 48** are both equipped with a double battery housing, making it possible to extend running time with up to two 5 Ah batteries, sufficient for mowing larger areas. Both machines feature a steel deck, centralised cutting height adjustment controls, generously sized grass catcher and, for **LRi 48** models, a 4-in-1 cutting function, allowing for cutting without grass collection, with mulching system or side discharge. Model **LRi 40 P** is suitable for small gardens thanks to its compact plastic deck and maneuverability.



LRi 40 P	LRi 44 P	LRi 44 T	LRi 48 P	LRi 48 T
Brushless	Brushless	Brushless	Brushless	Brushless
40 V	40 V	40 V	40 V	40 V
up to 1	up to 2	up to 2	up to 2	up to 2
Bi 2,0 EF / Bi 5,0 EF	Bi 2,0 EF / Bi 5,0 EF	Bi 5,0 EF	Bi 5,0 EF	Bi 5,0 EF
polypropylene	steel	steel	steel	steel
push-type	push-type	self-propelled	push-type	self-propelled
37 cm	41 cm	41 cm	46 cm	46 cm
from 18 to 60 mm	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
40 L	70 L	70 L	70 L	70 L
not available/not available	not available/not available	not available/not available	standard/standard	standard/standard
120 m² (1x2.0 Ah) 300 m² (1x5.0 Ah)	140 m² (1x2.0 Ah) 280 m² (2x2.0 Ah) 350 m² (1x5.0 Ah) 700 m² (2x5.0 Ah)	250 m <sup>2</sup> (1x5.0 Ah) 500 m <sup>2</sup> (2x5.0 Ah)	250 m² (1x5.0 Ah) 500 m² (2x5.0 Ah)	250 m² (1x5.0 Ah) 500 m² (2x5.0 Ah)
13 kg	23 kg	25 kg	27 kg	29 kg
88' (2.0 Ah) / 220' (5.0 Ah)	88' (2.0 Ah) / 220' (5.0 Ah)	220' (5.0 Ah)	220' (5.0 Ah)	220' (5.0 Ah)
40' (2.0 Ah) / 90' (5.0 Ah)	40' (2.0 Ah) / 90' (5.0 Ah)	90' (5.0 Ah)	90' (5.0 Ah)	90' (5.0 Ah)
	Brushless  40 V  up to 1  Bi 2,0 EF / Bi 5,0 EF  polypropylene  push-type  37 cm  from 18 to 60 mm  40 L  not available/not available  120 m² (1x2.0 Ah) 300 m² (1x5.0 Ah)  13 kg  88' (2.0 Ah) / 220' (5.0 Ah)	Brushless Brushless  40 V 40 V  up to 1 up to 2  Bi 2,0 EF / Bi 5,0 EF Bi 2,0 EF / Bi 5,0 EF  polypropylene steel  push-type push-type  37 cm 41 cm  from 18 to 60 mm from 28 to 75 mm  40 L 70 L  not available/not available  120 m² (1x2.0 Ah) 280 m² (2x2.0 Ah) 350 m² (1x5.0 Ah) 700 m² (2x5.0 Ah)  13 kg 23 kg  88' (2.0 Ah) / 220' (5.0 Ah) 88' (2.0 Ah) / 220' (5.0 Ah)	Brushless Brushless Brushless  40 V 40 V  up to 1 up to 2 up to 2  Bi 2,0 EF / Bi 5,0 EF Bi 2,0 EF / Bi 5,0 EF  polypropylene steel steel  push-type push-type self-propelled  37 cm 41 cm 41 cm  from 18 to 60 mm from 28 to 75 mm from 28 to 75 mm  40 L 70 L 70 L  not available/not available not available not available/not available not available/not available  120 m² (1x2.0 Ah) 280 m² (2x2.0 Ah) 350 m² (1x5.0 Ah) 500 m² (2x5.0 Ah)  13 kg 23 kg 25 kg  88' (2.0 Ah) / 220' (5.0 Ah) 220' (5.0 Ah)	Brushless Brushless Brushless Brushless Brushless  40 V 40 V 40 V 40 V  up to 1 up to 2 up to 2 up to 2  Bi 2,0 EF / Bi 5,0 EF Bi 2,0 EF / Bi 5,0 EF Bi 5,0 EF  polypropylene steel steel steel  push-type push-type self-propelled push-type  37 cm 41 cm 41 cm 46 cm  from 18 to 60 mm from 28 to 75 mm from 28 to 75 mm from 28 to 75 mm  40 L 70 L 70 L 70 L  not available/not available not available not available rot available standard/standard  120 m² (1x2.0 Ah) 280 m² (2x2.0 Ah) 350 m² (1x5.0 Ah) 500 m² (2x5.0 Ah) 500 m² (2x5.0 Ah)  13 kg 23 kg 25 kg 27 kg  88' (2.0 Ah) / 220' (5.0 Ah) 88' (2.0 Ah) / 220' (5.0 Ah) 220' (5.0 Ah) 220' (5.0 Ah)

<sup>(\*)</sup> Cutting performance depends on several factors including: garden shape, surface characteristics (length, grass moisture), ground speed, type of cut (collection, mulching or side discharge)

#### **Blowers**



With the leaf blower having become an essential piece of equipment for clearing work in the yard and garden, the **SAi 60 BOOST** is the most modern and practical version thanks to its battery operation, ideal power output for various duties, and air velocity control.



Outlet air speed regulator with BOOST function to further increase blowing force.



Constant performance irrespective of battery charge.



Well-balanced tool.



The coupling system with button makes the blower tube easier to assemble.





	SAI 60 BOOS I	
Motor type	Brushless	G
Voltage	40 V	1
Operating batteries	Bi 2,0 EF / Bi 5,0 EF	6
Max outlet air velocity	40 m/s (BOOST 50 m/s)	
Adjustable air velocity	yes, specific command (roller)	
Sound pressure/power level	88.6/98 dB(A)	
Vibration level	< 2.5 m/s²	
Running time, maximum speed	12' (2.0 Ah) / 25' (5.0 Ah)	
Running time, minimum speed	32' (2.0 Ah) / 82' (5.0 Ah)	
Weight without battery	2.8 kg	
Charging time with CRG	88' (2.0 Ah) / 220' (5.0 Ah)	
Charging time with FAST CRG	40' (2.0 Ah) / 90' (5.0 Ah)	

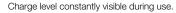


#### **Bi Batteries**



The **Efco** range of batteries comprises two power ratings: 2.0 and 5 Ah, both of which are the same dimensions and perfectly interchangeable in all applications. Equipped with indicator system to overload cutout and battery charge. When the tool is in use the LEDs constantly show the charge status of the batteries.







Optimised battery geometries and dimensions, to ensure a quick and safe grip in any situation.





	Bi 2,0 EF	Bi 5,0 EF
Charging time with CRG	88 min	220 min
Charging time with FAST CRG	40 min	90 min
Voltage	40 V	40 V
Capacity	2.0 Ah	5 Ah
Technology	Lithium Ion cells	Lithium Ion cells
Charge levels	4 LEDs	4 LEDs
Weight	0.7 kg	1.3 kg
	Not usable on MTi 30 chainsaw and LRi 44 T. LRi 48	

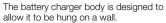
Not usable on MTi 30 chainsaw and LRi 44 T, LRi 48 lawnmowers

# **CRG Battery chargers**



For charging **Bi 2,0 EF** and **Bi 5,0 EF** batteries and keeping them in perfect condition. Use of the latest electronics means batteries are charged in complete safety to maximise their working life and minimise mains power consumption. The **FAST CRG** charger also makes it possible to have the charging time: this means it takes just 40 minutes to charge the 2.0 Ah battery. GS and ETI certified, the battery chargers are available with different plug types (EU, UK and US standard).







LED indicator with legend to instantly identify the battery status.



	CRG	FAST CRG
Voltage	110-240 V, 50-60 Hz	110-240 V, 50-60 Hz
Bi 2,0 EF battery charging time	88 min	40 min
Bi 5,0 EF battery charging time	220 min	90 min
Weight	0.6 kg	1.0 kg



# Battery-powered products, 40 V range



		0	¥	<b>~</b>		<b>-</b>		•		•		•	•
		Chair	ısaw*	Prui	ner*	Hedget	rimmer	Sh Hedget	aft trimmer		Brush	cutter	
		МТ	i 30	PTi	35	TGi	i 45	DSi 3	85 HL	DSi	i <b>30</b>	DSi	35
Run time with single charge. Indicated times and data are approxir refer to job types in hypothetical conc	mate and litions	light	intensive	light	intensive	light	intensive	light	intensive	light	intensive	light	intensive
Bi 2,0 EF	Up to:			45	30	48	36	30	20	24	16	15	10
				cu	ıts				m	in			
Bi 5,0 EF	Up to:		160	115	75	120	90	70	50	60	40	38	25
				cuts					m	in			

\*Cut through wood with a cross-sectional diameter up to 10 cm. Run time may vary depending on working conditions and the type of wood cut

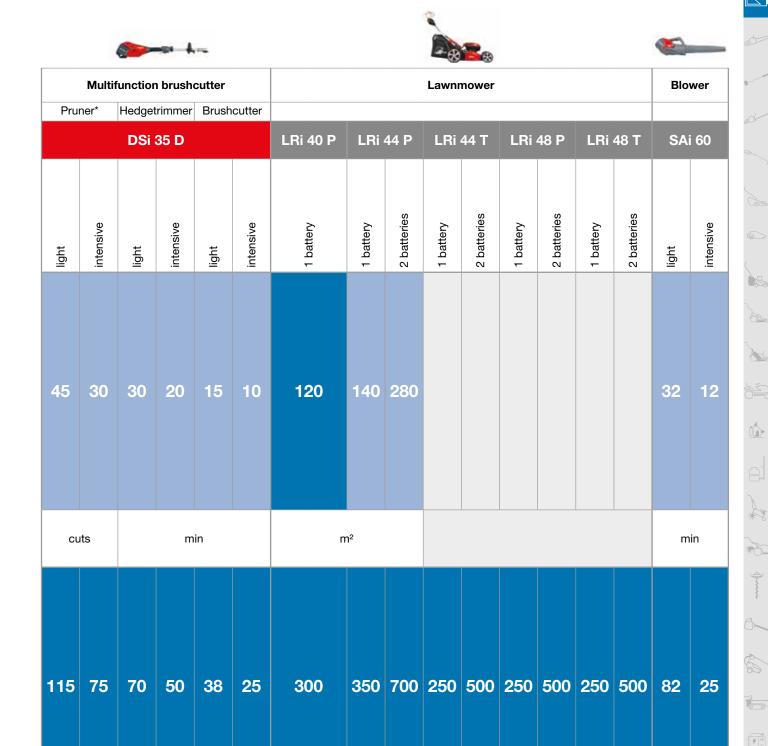
advised compatible incompatible

# Battery-powered products, 40 V range

cuts

min





m<sup>2</sup>

min





# INNOVATION FOR GREEN IDEAS New professional 56V battery range. Maximum performance, zero compromises.

#### Technology and comfort

The 56V battery-powered range consists of machines for professionals and discerning private customers. The ruggedness and high performance of these machines make them suitable for onerous, time-consuming jobs or for users who do not want to compromise on power and performance, even when gardening at home. In this way, even those customers who, out of caution, have always favoured the use of petrol-powered products will be satisfied that with the **Efco** 56V battery-powered range, they now have a viable and real alternative. In addition, all machines have a digital interface and smartphone connection, which not only provides practical services for the user but also allows for countless future upgrades.





Performance truly comparable to petrol models: each machine is designed to equal or exceed equivalent petrol models.



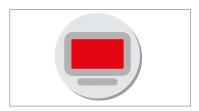
Brushless motor: all models equipped with latest generation brushless motors, to guarantee high performance, reliability and reduced maintenance.



Motor vector control: control electronics ensure that battery power is spent optimally: no current leakage and long charge holding.



Constant power: motor control electronics designed to guarantee constant performance, regardless of battery charge level.



Large, detailed digital display: shows complete information on remaining charge, selected speed, smartphone connection and recommended maintenance.



Built-in diagnostics: with dedicated app on smartphones, via Bluetooth connection, authorised **Efco** service centres have a tool to guide the repair or replacement of components.

# Battery-powered products, 56 V range

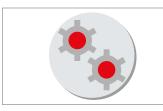




User connection: thanks to the **Efco**Hub smartphone app, it is possible to
record the vehicle fleet, view completed
hours of operation and access the **Efco** digital channels.



Excellent energy-to-weight ratio: due to the use of 21700-type lithium cells, the batteries have a low weight relative to the energy they deliver.



Unparalleled reliability: designed with the same mechanical components as machines intended for intensive use, ideal for tackling even the most difficult conditions.



Low charging time: the charging time of the batteries is among the best in their class: only 29 minutes to charge up to 80% (**Bi 540**).



Modular design: every part of the machines, in both mechanical and electronic components, is easily accessible, disassembled and replaceable. This makes any maintenance work easy.



Lightweight and balanced: all machines in the range are designed for prolonged use and are therefore light with optimal weight distribution, which is among the best in its class for certain applications.



#### **Pruners**



The **PTXi 530** telescopic pruner is the battery-powered alternative to the professional **PTX 2750** petrol-powered product. In fact, it shares all mechanical parts, thus ensuring the same combined performance, but with all the advantages of the new technology. Equipped with an adjustable telescoping shaft on steel springs, it delivers excellent results even on trees taller than 5 m, without the need for stepladders or other lifting devices. The ¼" chain and high cutting speed (20 m/s) make it a practical and extremely effective machine for professional pruning tasks.



Rest support (as standard): to make it easier for the user, a rest support is provided for attaching to the base of the power unit.



Owing to the motor's positioning adjacent to the battery, cutting visibility and weight distribution are excellent, thereby limiting fatigue when used for long hours at a stretch.



4 speed levels available to optimise battery life to suit the type of work.



Optional 10" guide bar and chain also available.

Bar: 50350222R Chain: 30629544

	Sign
	PTXi 530
Motor type	Brushless
Voltage	56 V
Maximum electrical power of the machine	1.5 HP/1.15 kW
Mechanical power output	1.34 HP/1.0 kW
Operating batteries	Bi 525 / Bi 540
Bar length (nose)	30 cm/12" (sprocket-nose)
Chain (pitch x gauge)	1/4" x .043"
Sound pressure/power level	ND
Lh/rh vibration level	ND
Running time, light use (*)	80 cuts (2.5 Ah) / 125 cuts (4 Ah)
Running time, intensive use (*)	55 cuts (2.5 Ah) / 85 cuts (4 Ah)
Overall length of machine	2.65 m/3.85 m
Weight of complete machine without guide bar, chain and battery	6.20 kg
Charging time with CRG 520	35' (Bi 525 - 2.5 Ah) / 45' (Bi 540 - 4 Ah)

<sup>(\*)</sup> Cut of wood section up to 10 cm diameter.

Working time can be subject to variations according to working conditions and type of wood to be cut.

# **Hedgetrimmers**



The very low weight (only 4.8 kg with **Bi 525** battery), high-quality blades and powerful engine, which ensures up to 3,500 cuts per minute, make the **TGi 560** hedgetrimmer the ideal product for professional and effective interventions on hedges with thick branches and dense foliage. The compact, streamlined shape and 180° rotating handgrip allow easy penetration into even the thickest vegetation.



High-quality professional blades with 35 mm pitch and teeth sharpened on three sides.



Release button for handgrip rotation.



Robust aluminium gearbox and drive linkage designed for professional use.



4 speed levels to optimise battery life by adapting power output to actual cutting



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	I Gi 560	
Motor type	Brushless	
Voltage	56 V	)
Operating batteries	Bi 525 / Bi 540	8
Blade type	double edged, sharpened on 3 sides	p
Blade length	600 mm	
Blade pitch	35 mm	
Blade speed	3500 cuts/min	f.
Sound pressure/power level	77.8/86 dB(A)	
Lh/rh vibration level	< 2.5 m/s <sup>2</sup>	j.
Running time, light use (*)	90' (2.5 Ah) / 150' (4 Ah)	<u></u> <u>d</u> _
Running time, intensive use (*)	60' (2.5 Ah) / 100' (4 Ah)	
Weight without battery	3.7 kg	E
Charging time with CRG 520	35' (Bi 525 - 2.5 Ah) / 45' (Bi 540 - 4 Ah)	
		4

<sup>(\*)</sup> ndicative data which may vary depending on working conditions and the type of vegetation cut



# **Shaft hedgetrimmers**



The professional DSi 530 HL shaft hedge trimmer is the right machine for working precisely and effectively on tall, thick and sprawling hedges. The selection of different cutting speeds (up to 4600 cuts/minute) makes it possible to work with the right level of power on both thin-leaf hedges and impenetrable vegetation. Maximum comfort during operation thanks to the tool being adjustable through 11 different positions. The powerful motor unit, extremely tough 55 cm blade and low weight make this a machine suited to caring for public and private landscaping, as well as for demanding home users.



Blade articulates through 11 positions from 0 to 180°.



Rest support: to make it easier for the user, a rest support is provided for attaching to the base of the power unit.



Best-in-class cutting speed (4600 cuts/



Tip protector (optional) for working in the presence of obstacles and barriers. 58050083

	DSi 530 HL
Motor type	Brushless
Voltage	56 V
Blade length	550 mm
Blade pitch	35 mm
Blade type	articulates through 11 positions from 0 to 180°
Blade speed	4600 cuts/min
Sound pressure/power level	83.9/93 dB(A)
Lh/rh vibration level	6.5/3.3 m/s <sup>2</sup>
Running time, light use (*)	50' (2.5 Ah) / 80' (4 Ah)
Running time, intensive use (*)	37' (2.5 Ah) / 60' (4 Ah)
Overall length of machine	2.4 m
Weight	5.4 kg
Charging time with CRG 520	35' (Bi 525 - 2.5 Ah) / 45' (Bi 540 - 4 Ah)
(*) Indicative data which may vary depending on working of	onditions and the type of vegetation cut

#### **Brushcutters**



A lightweight and powerful machine, the **DSi 530** is the perfect tool for professional clearing of overgrown vegetation and intensive mowing. Depending on the degree of intervention required, it can work at 4 different speeds which are selectable using the central button on the display. The proportional trigger also enables the speed to be further calibrated to suit the job at hand. All power curves have been optimised to give excellent working performance even at lower speeds. Metal disc supplied as standard with the **T** version, optional with the **S** version.



	DSi 530 S	DSi 530 T	
Motor type	Brushless	Brushless	
Voltage	56 V	56 V	
Maximum electrical power of the machine	1.5 HP/1.15 kW	1.5 HP/1.15 kW	
Mechanical power at the output bevel gear	1.34 HP/1.0 kW	1.34 HP/1.0 kW	
Operating batteries	Bi 525 / Bi 540	Bi 525 / Bi 540	
Speed adjustment	4 levels	4 levels	
Shaft arm diameter	26	26	
Cutting diameter	30 cm	30 cm	
Cutting components	Load&Go head Ø 110 mm with Ø 2.4 mm line	Load&Go head Ø 110 mm with Ø 2.4 mm line Ø 255 mm disc with 3 blades	
Harness	single	single with cushion	
Running time, light use (*)	21' (2.5 Ah) / 33' (4 Ah)	21' (2.5 Ah) / 33' (4 Ah)	
Running time, intensive use (*)	11' (2.5 Ah) / 18' (4 Ah)	11' (2.5 Ah) / 18' (4 Ah)	
Weight without cutting tool and battery	3.8 kg	4.3 kg	
Sound pressure/power level	81.84/96 dB(A)	81.84/96 dB(A)	
Lh/rh vibration level	< 2.5 m/s <sup>2</sup>	2.3/4.1 m/s <sup>2</sup>	
Charging time with CRG 520	35' (Bi 525 - 2,5 Ah) 45' (Bi 540 - 4 Ah)	35' (Bi 525 - 2,5 Ah) 45' (Bi 540 - 4 Ah)	

 $<sup>(\</sup>mbox{\ensuremath{^{\prime}}})$  Indicative data which may vary depending on working conditions and the type of vegetation cut



#### **Multifunction brushcutters**



Conceived and designed for professional maintenance workers dealing with multiple needs, in rural or urban settings, even in the most challenging environments. Ideal for mowing lawns, pruning hedges, trimming trees and bushes, and blowing leaves or debris. The high-power output, equivalent to 1.34 HP, delivers maximum operating performance for the various attachments. The "no tools" quick coupling system makes it possible to switch between attachments easily and without using tools: to attach an implement, simply insert it and screw down the knob to secure it.



Tool-free quick coupling system.



All attachments can be used with the **DS 2410 D** and **DS 3000 D** multifunction petrol brushcutter.



Rest support: to make it easier for the user, a rest support is provided for attaching to the base of the power unit.



4 speed levels available to optimise battery life to suit the type of work.





	DSi 530 D
Motor type	Brushless
Mechanical power output	1.34 HP/1.0 kW
Voltage	56 V
Motor assembly weight	2.9 kg

# **Multifunction brushcutters**



	Pruner**	A Pive
Shaft arm diameter	26 mm	
Bar length	25 cm/10"	
Chain (pitch x gauge)	1/4" x .043"	
Oil reservoir capacity	0.18 L	
Oiler	adjustable	
Implement weight	1.7 kg	
Overall length of machine	2.1 m	

<sup>\*\*</sup> Can also be used with **DS 2410 D** and **DS 3000 D** multifunction petrol engine brushcutters

	Hedgetrimmer**	
Blade length	550 mm	
Blade pitch	35 mm	
Blades	articulates through 11 positions from 0 to 180°	
Shaft arm diameter	26 mm	
Attachment weight/complete machine weight	2.1 kg	
Overall length of machine	1.9 m	
Tip protector	optional 58050083	

<sup>\*\*</sup> Can also be used with **DS 2410 D** and **DS 3000 D** multifunction petrol engine brushcutters

	Brushcutter**	Flue
Shaft arm diameter	26 mm	
Cutting components	Load&Go head Ø 130 mm with Ø 2.40 mm line	
Cutting diameter with head	390 mm	
Implement weight without cutting tool	1.1 kg	

 $<sup>^{\</sup>star\star}$  Can also be used with DS~2410~D and DS~3000~D multifunction petrol engine brushcutters

	Blower**	Home
Air flow rate	600 m³/h	
Air speed	60 m/s	
Shaft arm diameter	26 mm	
Attachment weight/complete machine weight	1.5 kg	

<sup>\*\*</sup> Can also be used with  ${f DS}$  2410  ${f D}$  and  ${f DS}$  3000  ${f D}$  multifunction petrol engine brushcutters

	Shaft extension**	Plus
Weight	0.7 kg	
Shaft arm diameter	26 mm	
Length	750 mm	

 $<sup>^{\</sup>star\star}$  Can also be used with DS~2410~D and DS~3000~D multifunction petrol engine brushcutters















#### Lawnmowers



The **LRi 548 P**, **LRi 548 V** and **LRi 553 V** lawnmowers are designed to provide the same performance as petrol mowers. The exceptional power of the 2.1 kW engine delivers best-in-class cutting performance that makes light work of even the most demanding jobs, including dense, wet grass and the first mowing of the season. The power unit accommodates up to two 8 Ah batteries, allowing for exceptional energy delivery (up to 806 Wh) and long work sessions without interruptions. The batteries are discharged sequentially so that the remaining charge can be better used for subsequent jobs. The digital display with speed adjustment buttons and ECO cutting mode make it versatile for multiple types of work, using only the minimum energy actually required.





Handlebar with tilt adjustment and foldable for vertical storage.

	LRi 548 P	LRi 548 V	LRi 553 V
Motor type	Brushless	Brushless	Brushless
Voltage	56 V	56 V	56 V
Maximum power output	2.1 kW	2.1 kW	2.1 kW
Maximum motor speed	3000 rpm	3000 rpm	3000 rpm
Max. no. of batteries	up to 2	up to 2	up to 2
Operating batteries	Bi 540 / Bi 580	Bi 540 / Bi 580	Bi 540 / Bi 580
Deck material	steel	steel	steel
Mowing surface area up to (*)	550 m <sup>2</sup> (1 x Bi 540) 1100 m <sup>2</sup> (2 x Bi 540) 1100 m <sup>2</sup> (1 x Bi 580) 2200 m <sup>2</sup> (2 x Bi 580)	510 m² (1 x Bi 540) 1020 m² (2 x Bi 540) 1020 m² (1 x Bi 580) 2040 m² (2 x Bi 580)	470 m <sup>2</sup> (1 x Bi 540) 940 m <sup>2</sup> (2 x Bi 540) 940 m <sup>2</sup> (1 x Bi 580) 1880 m <sup>2</sup> (2 x Bi 580)
Propulsion	push-type	self-propelled with variable speed and independent engine	self-propelled with variable speed and independent engine
Ground speed adjustment	-	yes	yes
Ground speed	-	0 - 5 km/h	0 - 5 km/h
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Cutting width	46 cm	46 cm	51 cm
Mulching/Side discharge	standard/standard	standard/standard	standard/standard
Grass catcher capacity	70 L	70 L	70 L
Dry weight without batteries	24 kg	26 kg	28 kg
Charging time with CRG 520	45' (Bi 540 - 4 Ah) 80' (Bi 580 - 8 Ah)	45' (Bi 540 - 4 Ah) 80' (Bi 580 - 8 Ah)	45' (Bi 540 - 4 Ah) 80' (Bi 580 - 8 Ah)

<sup>(\*)</sup> Cutting performance depends on several factors including: garden topography, surface characteristics (length, grass moisture), ground speed, type of cut (collection, mulching or side discharge)

# **Blowers**



With the same power as a petrol model but a much lower weight, the **SAi 570** blower is ideal for clearing large areas. Adjustable through three speed levels and with boost function for maximum propulsion through the toughest undergrowth. Cruise control function for maximum comfort in situations that require constant working for prolonged spells.



BOOST function: allows for uninterrupted work even with heavier debris.



Cruise function: enables working without holding the trigger down during constant and prolonged use.



Adjustable shaft: the shaft can be adjusted to 2 positions to work in the configuration that best suits the operator or the work to be done.



Flat nozzle: offered as standard, becomes the optimal, ready-to-use solution when working on surfaces with wet debris.



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	SAi 570	₹
Motor type	Brushless	
Voltage	56 V	
Operating batteries	Bi 525 / Bi 540	F
Max. outlet air speed	48 m/s (BOOST 55 m/s)	
Max. outlet air flow rate	750 m³/h (850 m³/h with BOOST)	Ã
Blowing power	12 N (16 N with BOOST)	6
Adjustable air speed	3 levels + BOOST	
Cruise control function	yes	V <sub>0</sub>
Sound pressure/power level	86/96.87 dB(A)	ŕ
Vibration level	< 2.5 m/s <sup>2</sup>	
Running time, maximum speed	11' (2.5 Ah) / 17' (4 Ah)	Â
Running time, minimum speed	19' (2.5 Ah) / 30' (4 Ah)	
Blower tube with duckbill style nozzle	standard	
Weight without battery	2.3 kg	
Charging time with CRG 520	35' (Bi 525 - 2.5 Ah) / 45' (Bi 540 - 4 Ah)	
Single harness with double snap hook	optional <b>54360061</b>	



# **Bi Batteries**



The range is accompanied by a battery charger and 3 interchangeable battery sizes, 2.5 Ah, 4 Ah and 8 Ah, to provide the most suitable capacity for the tool being used. The new types of cells and the control system help to extend battery life without deterioration and reductions in working time. The batteries have a very high power-to-weight ratio.



Charge level visible at a glance during



Rubber-coated grip area to facilitate battery positioning.



	Bi 525	Bi 540	Bi 580
80% charging time with CRG	29 min	29 min	65 min
100% charging time with CRG	35 min	45 min	80 min
Voltage	56 V	56 V	56 V
Capacity	2.5 Ah	4 Ah	8.0 Ah
Technology	lithium-ion cells	lithium-ion cells	lithium-ion cells
Energy	126 Wh	202 Wh	403 Wh
Charge levels	4 LEDs	4 LEDs	4 LEDs
Weight	1.1 kg	1.5 kg	2.7 kg
	Connet be used on LD: E40 D. LD: E40 V		Evaluation for use on LD: E40 D LD:

Cannot be used on LRi 548 P, LRi 548 V or LRi 553 V lawnmowers

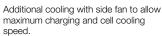
Exclusively for use on LRi 548 P, LRi 548 V or LRi 553 V lawnmowers

# **CRG Battery Chargers**



The **CRG 520** rapid charger, with a maximum power output of 360 W, ensures fast charging times. The charging speed is the maximum allowed by technology thus minimising the time needed while safeguarding cell life.







LED indicator with legend to instantly identify the battery status.





	CRG 520	à
Voltage	110-240 V, 50-60 Hz	
Bi 525 (126 Wh) battery charging time	35 min	
Bi 540 (202 Wh) battery charging time	45 min	
Bi 580 (403 Wh) battery charging time	80 min	
Weight	1.3 kg	



# Battery-powered products, 56 V range



					<b>.</b>	<b>y</b> 1		-	J	*		
		Pruner*		Hedgetrimmer		Shaft hedgetrimmer		Brushcutter				
		РТХ	i 530	TGi	560	DSi 5	30 HL		DSi	530*		
Run time with single charge. Run time data may vary depending or working conditions and the type of we vegetation being cut.	n the bod or	light	intensive	light	intensive	light	intensive		light	intensive		
Bi 525 (126 Wh)	up to:	00	5.5	00	60	50	07	line head	21	11		
		80 :o:	55	90	60		37	blade	28	19		
		cuts		min				m	in			
Bi 540 (202 Wh)	up to:			405	0-	450	100		00	line head	33	18
		125	85	150	100	80	60	blade	45	30		
		cuts			m	iin			m	in		
Bi 580 (403 Wh)												
	up to:											

<sup>\*</sup> Cut through wood with a cross-sectional diameter up to 10 cm. Run time may vary depending on working conditions and the type of wood cut

advised compatible incompatible

# Battery-powered products, 56 V range









		М	ultifunc	tion bru	shcutte	er			Lawnmower**				Blower			
	Pru	ner*	Hedge	trimmer	Brush	cutter	Blo	wer								
				DSi 5	30 D				LRi	548 P	LRi :	548 <b>V</b>	LRi	553 V	SAi	570
	light	intensive	light	intensive	light	intensive	light	intensive	1 battery	2 batteries	1 battery	2 batteries	1 battery	2 batteries	minimum speed	maximum speed
line head	95	65	42	31	19	10	11	7							19	11
blade	95	03	72	31	25	17									19	
	CL	ıts			m	nin									m	nin
line head	150	100	67	50	30	16	18	11	550	1100	510	1020	470	940	30	17
blade	130	100	07	30	41	27	10	···	330	1100	310	1020	710	340	30	''
	CL	ıts			m	iin					r	n²			m	iin
									1100	2200	1020	2040	940	1880		
											r	m²				

<sup>\*\*</sup> for lawnmowers, performance is calculated in ECO mode and also depends on the garden topography, surface characteristics (grass height and humidity), ground speed and type of cut (collection, mulching or side discharge).





# Powerful, versatile and easy to use: your indispensable helpmates for cutting and pruning.

# Technology and comfort

Pruning, felling, limbing and DIY: there's an **Efco** chainsaw to meet the needs of every task, whether in the garden or in the woods. Albeit with different characteristics, all the models share quality, ease of use and maintenance, and reliable top performance. Top-quality bars and chains ensure clean and accurate cuts, without damaging the vegetation. Even in the event of prolonged use, our chainsaws offer superior performance and maximum efficiency thanks to the low fuel consumption and smooth and constant engine torque.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel plated cylinder: high and constant efficiency guaranteed over time, even when undertaking heavy work schedules.



The EasyOn starting system ensures any user can set the machine running simply and effortlessly, with a minimal number of pulls on the cord.



The Primer facilitates starting even in the harshest climates.



Fuel tank with externally visible level; easy management of refueling intervals.



Aluminium oil pump: ensures zero flow with engine idling and long, durable service.



"Ice device": ensures the machine can operate without difficulty even at low temperatures (below 0°C), avoiding the formation of ice on the air filter.



# Chainsaws





# MT series compact



The electric chainsaw offers high cutting performance and is the ideal solution for carpentry work and for cutting firewood. The chain tensioner is easily accessible: adjusting the chain tension is easy, safe, and, above all, does not require the use of tools. Easy to handle and ergonomic, it makes work less tiring, thanks to the simple starting procedure. Low maintenance ensures a perfect combination of performance and user-friendliness.



The metal bucking spike makes it easier to guide the electric chainsaw when working, allowing for precise cuts.



Side chain tensioner, without the use of tools, to quickly and conveniently adjust the chain tension.



Transparent oil reservoir for immediate visual level check.



Large diameter oil reservoir filler cap positioned in full view for swift and easy top-up.





	MT 2100 E
Power	2.0 kW
Voltage/Frequency	230 V / 50 Hz
Bar length (nose)	41 cm/16" (sprocket)
Chain (pitch x gauge)	3/8" x .050"
Oil pump	automatic/zero oil flow with engine stopped
Oil reservoir capacity	0.17 L
Sound pressure/power level	108 dB(A)
Lh/rh vibration level	6.3 m/s <sup>2</sup>
Dry weight without bar and chain	4.1 kg

# H series pruning



The MTTH 2400 chainsaw is an excellent choice for home users who need a strong and reliable product to easily cope with pruning tasks, particularly on fruit and olive trees. Thanks to the stable fuel-air mixing, all these cutting operations can be carried out even in unconventional positions (machine inclined or turned upside down).



EasyOn starting system: reduces kickback during ignition.



Side chain tensioner for swift and practical adjustment of chain tension in any operating condition.



AlwaysOn switch: rapid engine stopping, and thanks to the auto reset function, always ready to restart.



Special guide bars with small nose radius: reduce the possibility of kickback and improve boring performance in high-precision jobs.







	MTTH 2400	
Power/Displacement	1.2 HP - 0.9 kW/25.4 cm <sup>3</sup>	7
Bar length (nose)	25 cm (10")	
Chain (pitch x gauge)	3/8" x .050" (sprocket) 1/4" x .043" (sprocket)	
Oil pump	aluminium, adjustable/zero flow rate at idle speed	Â
Oil/fuel tank capacity	0.16 L/0.20 L	-
Sound pressure/power level	96.7/108 dB(A)	
Lh/rh vibration level	7.1/7.1 m/s <sup>2</sup>	]
Dry weight without bar and chain	3.2 kg	



# H series compact



At the entry level of the **Efco** range, "**H**" series chainsaws are designed to provide the ideal combination of performance and economy for jobs around the home and on smallholdings. Perfect for home use, **MTH 4000** model is the most compact and lightweight in the series, featuring innovative design, top-of-class performance and extremely reliable components.



Nylon filter: the large filtration surface increases working time between filter cleaning operations.



EasyOn: reduced kick-back easy starting system.



Lateral chain tensioner: simplifies tension adjustments while avoiding all risks of contact with the chain.



Adjustable aluminium oil pump: facilitates the operator's job by allowing the oil feed to be adjusted to suit the workload on the machine and the bar/chain combination. Zero oil flow with the engine at idling speed ensures lower consumption and reduced environmental impact.





	WITH 4000	
Power/Displacement	2.3 HP - 1.7 kW/38.9 cm <sup>3</sup>	
Bar length (nose)	35-41 cm/14"-16"	
Chain (pitch x gauge)	Oregon 3/8" x .050"	
Oil pump	automatic in aluminium/adjustable/zero flow rate at idle speed	
Oil/fuel tank capacity	0.22 L/0.32 L	
Sound pressure/power level	103.2/111.5 dB(A)	
Lh/rh vibration level	6.9/7.1 m/s <sup>2</sup>	
Dry weight without bar and chain	4.5 kg	

# H series medium power



Suitable for home use and for smallholders, the higher displacement "H" series chainsaws provide the ideal combination of performance and economy.



Low operating temperatures: enhanced operator comfort and safety, plus longer engine life.



Minimal vibrations: guaranteed by the machine's anti-vibration systems, which enhance the overall operating comfort.



Nickel plated cylinder: for longer working life



Stable fuel-air mixture: for smooth operation of the machine.







	MTH 5100	MTH 5600	7
Power/Displacement	3.0 HP - 2.2 kW/50.9 cm <sup>3</sup>	3.5 HP - 2.6 kW/54.5 cm <sup>3</sup>	
Bar length (nose)	41-46-51 cm/16"-18"-20" (sprocket-nose)	41-46-51 cm/16"-18"-20"	
Chain (pitch x gauge)	Oregon .325" x .050" (16"-18")325" x .058" (20")	Oregon .325" - 3/8"	
Oil pump	automatic/adjustable/zero flow rate at idle speed	automatic/adjustable/zero flow rate at idle speed	
Oil/fuel tank capacity	0.27 L/0.5 L	0.27 L/0.5 L	
Sound pressure/power level	110/113 dB(A)	113/116 dB(A)	I.
Lh/rh vibration level	5.2/4.8 m/s <sup>2</sup>	7.2/7.0 m/s <sup>2</sup>	
Dry weight without bar and chain	5.4 kg	5.5 kg	1



# **MT** series pruning



The power, manoeuvrability and accuracy required during pruning and tending of plants, olive groves and orchards are guaranteed by the quality of the MTT 2500 pruning chainsaw, the flagship model in this category owing to its manoeuvrability, low weight and superior power. The combination of these three aspects in a single product make the MTT 2500 the perfect tool for efficient, quick and safe pruning operations. Power, ergonomics and balance are the distinguishing features of the MTT 3600 chainsaw. Compact and with an excellent power to weight ratio, it's the ideal chainsaw for pruning tasks at height on tall trees, for limbing and for felling. Its ability to handle the toughest jobs makes it the perfect tool in the hands of professional tree-climbers. The low-emission eco-friendly engine is protected by a double air filter in foam and nylon, and the high-speed high-power chain guarantees clean and accurate cuts without damaging the bark. Models MTT 2500 and MTT 3600 are designed by Giugiaro, a world leading brand in the industrial design field.

MTT 2500 available also with 1.1 mm chain and sprocket-nose bar (0.043" thickness).



Snap hook: fold-away steel snap hook for rapid attachment of the tool to the operator's harness.



OnBoard clutch: quick fitting of bar and chain, cleaner clutch for lasting performance.



AlwaysOn switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart.



The EasyLift oil and mixture caps are the most practical solution for fast fluid topup. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.





	MTT 2500	MTT 3600
Power/Displacement	1.3 HP - 1.0 kW/25.4 cm <sup>3</sup>	2.0 HP - 1.5 kW/35.1 cm <sup>3</sup>
Bar length (nose)	25 cm/10" (sprocket/carving)	30-35 cm/12"-14" (sprocket)
Chain (pitch x gauge)	1/4" x .050" (sprocket) 1/4" x .050" (carving) 1/4" x .043" (sprocket)	3/8" x .050" (sprocket)
Oil pump	aluminium, automatic/zero flow rate at idle speed	aluminium, adjustable/zero flow rate at idle speed
Oil/fuel tank capacity	0.19 L/0.22 L	0.23 L/0.28 L
Sound pressure/power level	97.7/107.9 dB(A)	103/115 dB(A)
Lh/rh vibration level	4.3/5.2 m/s <sup>2</sup>	4.9/5.2 m/s <sup>2</sup>
Dry weight without bar and chain	2.7 kg	3.8 kg

# MT series compact



The compact chainsaws are designed incorporating the technology used in higher power models: they guarantee performance at the top of their category, ensuring the maximum efficiency and minimum expenditure of time and energy. Occasional minor pruning tasks or cutting small diameter firewood can be carried out using practical and easy-to-use tools. The devices specifically designed for incorporation on these models make for extremely practical use and routine maintenance.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel-plated cylinder: high and constant efficiency guaranteed over time, even when undertaking heavy work schedules.



Nylon filter: longer working time between filter cleaning operations thanks to the large filtration surface.



EasyOn starting system: reduces recoil kick-backs during engine starts).



The EasyLift oil and mixture caps are the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.







	WH 3710	MII 4110	1
Power/Displacement	2.4 HP - 1.8 kW/35.2 cm <sup>3</sup>	2.6 HP - 1.9 kW/39.0 cm <sup>3</sup>	
Bar length (nose)	35-41 cm/14"-16" (sprocket)	41 cm/16" (sprocket)	T.
Chain (pitch x gauge)	3/8" x .050" Special	3/8" x .050" Special .325" x .050" Microlite	
Oil pump	automatic/zero flow rate at idle speed	automatic/adjustable/zero flow rate at idle speed	,
Oil/fuel tank capacity	0.22 L/0.32 L	0.22 L/0.32 L	ä
Sound pressure/power level	100.4/110.9 dB(A)	100.2/111.2 dB(A)	
Lh/rh vibration level	5.2/6.5 m/s <sup>2</sup>	5.1/5.9 (3/8") 4.6/5.2 (.325")	Ī
Dry weight without bar and chain	4.7 kg	4.7 kg	



# MT series medium power



The medium power petrol engine chainsaws are sufficiently compact for intensive use and compatible with frequent use. Designed to accommodate the needs of the most demanding users on farmland, woodland, as well as in the garden. The versatility combined with an excellent power-weight ratio guarantee optimal cutting performance in all types of applications, such as limbing, pruning and cutting of medium-size trunks. These chainsaws are designed to offer exceptional performance for demanding tasks, from gardening to agriculture.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel-plated cylinder: constant efficiency through time, even when undertaking heavy work schedules.



Nylon filter: the large filtration surface increases working time between filter cleaning operations.



The EasyLift oil and mixture caps are the most practical solution for fast fluid topup. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.



The cylinder of model **MT 4510** allows exhaust gas recirculation and is optimised to allow appreciable reductions of fuel consumption.







	MT 4510	MT 5200
Power/Displacement	2.9 HP - 2.1 kW/42.9 cm <sup>3</sup>	3.4 HP - 2.5 kW/51.7 cm <sup>3</sup>
Bar length (nose)	41-46 cm/16"-18" (sprocket - microlite)	41-46 cm/16"-18" (sprocket)
Chain (pitch x gauge)	.325" x .050"	.325" x .058"
Oil pump	automatic/adjustable/zero flow rate at idle speed	automatic/adjustable/zero flow rate at idle speed
Oil/fuel tank capacity	0.22 L/0.32 L	0.27 L/0.5 L
Sound pressure/power level	103/114 dB(A)	104.4/112.9 dB(A)
Lh/rh vibration level	4.3/4.8 m/s <sup>2</sup>	5.2/5.5 m/s <sup>2</sup>
Dry weight without bar and chain	4.8 kg	5.4 kg

# MT series professional



The professional chainsaws are powerful machines designed for felling, cutting and sectioning large trees. The variable advance digital coil with rpm limiter guarantees a smooth-running engine and improved cooling, even in difficult weather conditions. The handle and fuel tank are separate from the machine body, thus reducing the fuel/oil mixture temperature and minimising the transmission of vibration. The aluminium oil pump is automatic and adjustable so the flow rate can be adapted in accordance with the task to be performed, thus avoiding wastage.



The EasyLift oil and mixture caps are the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.



Nylon filter: the large filtration surface increases working time between filter cleaning operations.



Decompression valve: facilitates engine starting without kick-back, reducing operator effort.



OnBoard clutch: quick fitting of bar and chain, cleaner clutch for lasting performance.





	1111 0000	1111 0000	1111 0010
Power/Displacement	4.7 HP – 3.5 kW/63.2 cm <sup>3</sup>	4.7 HP – 3.5 kW/63.4 cm <sup>3</sup>	4.7 HP - 3.5 kW/63.4 cm <sup>3</sup>
Bar length (nose)	46-51 cm /18"-20" (replaceable sprocket)	46-51 cm /18"-20" (replaceable sprocket) 51-61-71 cm /20"-24"-28" (stellite)	46-51 cm /18"-20" (replaceable sprocket)
Chain (pitch x gauge)	3/8" x .058"	3/8" x .058"	3/8" x .058"
Oil pump	automatic/adjustable/zero flow rate at idle speed	automatic/adjustable/zero flow rate at idle speed	automatic/adjustable/zero flow rate at idle speed
Oil/fuel tank capacity	0.35 L/0.70 L	0.45 L/0.80 L	0.45 L/0.80 L
Sound pressure/power level	104.1/115 dB(A)	103.3/112 dB(A)	103.3/112 dB(A)
Lh/rh vibration level	5.9/6.8 m/s <sup>2</sup>	5.3/5.3 m/s <sup>2</sup>	5.3/5.3 m/s <sup>2</sup>
Dry weight without bar and chain	5.8 kg	6.5 kg	6.5 kg



# **Accessories - Description of chains**

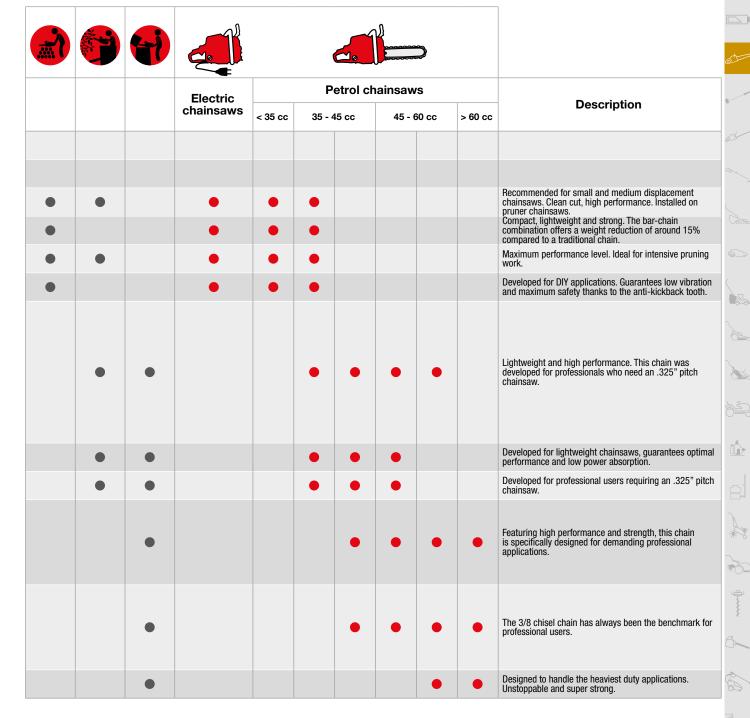


			Tooth		Gau	ıge		
	Chain type	Pitch	design	.043" 1.1 mm	.050" 1.3 mm	.058" 1.5 mm	.063" 1.6 mm	Bar length
(\$-3000 pt 3000 pt	Micro Chisel	3/8	7	N143C-K	1.0 111111	1.5 111111	1.0 111111	12" (30 cm)
(2000 <u>2000</u>	Micro Chisel	1/4	7	E143MC-K				10" (25 cm)
(2000200000)	Micro Chisel	1/4	7		E650MC-K			up to 16" (40 cm)
(\$ \$\ \) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Semi Chisel	3/8 LOW PRO	7	N143C-K				
( <u>%4)2-62_6</u> 6 <del>0-6240</del>	Semi Chisel	3/8 LOW PRO	7		N150C-N			from 12" to 16" (from 30 to 40 cm)
\$ 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Semi Chisel	3/8 LOW PRO	7		N150C-K			
\$ 6000000000000000000000000000000000000	Semi Chisel	.325	7		K250C-N			
0 <u>0000000000</u>	Semi Chisel	.325	7		K250C-K			
<u>ರೈಸ್ ಪ್ರಸ್ತಾರಕ್ಕಾರ</u>	Semi Chisel	.325	7			K258C-N		from 11" to 20" (from 28 to 50 cm)
Carologoogo	Semi Chisel	.325	7			K258C-K		
<b>₫</b> ₹₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽	Semi Chisel	.325	7				K263C-N	
(0.000) (0.000)	Semi Chisel	.325	7		K250NK-K			from 13" to 18" (from 33 to 45 cm)
Q00000000000	Chisel	.325	7		K250L-N	K258L-N	K263L-N	from 11" to 20" (from 28 to 50 cm)
00000000000000000000000000000000000000	Semi Chisel	3/8	7		A350EP-N			
(26/05/05/05/20)	Semi Chisel	3/8	7			A358EP-N		up to 36" (up to 90 cm)
de se	Semi Chisel	3/8	7				A363EP-N	
(E) (00000000000000000000000000000000000	Pro-Chisel	3/8	7			A358EP-K		
কু গ্ৰহণ প্ৰত্যুক্ত কৰিছে ক	Pro-Chisel	3/8	7			A358LM-N		from 13" to 24" (from 33 to 60 cm)
(\$000000000000000000000000000000000000	Pro-Chisel	3/8	7				A363LM-N	
Cartada Cadado	Semi Chisel	404	7				B463EP-N	

		K		50		С		K	072	EOM
z	ø	<b>₩</b>	•			56		<b>(</b>	# <b>P I</b> ft.	
CHAIN		.325"		.050"		Semi-Chisel	Anti-	kickback tooth	N° links reel length	Loop boxes, reels
⋖		Pitch		Gauge		Tooth type		i-kickback rotection		
IDENTIFY	Α	3/8"	50	.050" (1.3 mm)	С	Semi-Chisel	K	<b>*</b>		EOM
	В	.404	58	.058" (1.5 mm)	EP	Type "E" professional (Semi-Chisel)	N	<b>②</b>		EOW
W TO	E	1/4"	63	.063" (1.6 mm)	LM	Magna Chisel (PRO-CHISEL)				EEF
НОМ	K	.325"	43	.043" (1.1 mm)	МС	Micro Chisel				
	N	3/8"Lo Pro			NK	Narrow Kerf				REM

# **Accessories - Description of chains**





Pitch	EMAK	OREGON	CARLTON	WINDSOR		7				
1/4	E650MC-K	25AP	E1MC-BL	50K	90°	30°	.025	85° - 90°	60°	5/32"- 4.0 mm
3/8 LP	N143C-K	90SG	N4C-BL	43RG						
3/8 LP	N150C-N	91VXL	N1C	50R	90°	35°	.025	85° - 90°	60°	5/32"- 4.0 mm
3/8 LP	N150C-K	91VG	N1C-BL	50RG						
.325	K250C-N/K	20BPX	K1C-K1C-BL	50J - 50JG						
.325	K258C-N/K	21BPX	K2C-K2C-BL	58J - 58JG	90°	30°	.025	80° - 90°	60°	3/16"- 4.8 mm
.325	K263C-N	22BPX	K3C	63J - 63JG	90	30	.023	00 - 50	00	3/10 - 4.0 111111
.325	K250NK	95VPX	K1NK-BL	50JSG						
.325	K250L-N	20LPX	K1L	50JL						
.325	K258L-N	21LPX	K2L	58JL	80°	30°	.025	85° - 90°	60°	11/64"- 4.5 mm
.325	K263L-N	22LPX	K3L	63JL						
3/8	A350EP-N	72D - 72DP	A1EP	50A						
3/8	A358EP-N	73D - 73DP	A2EP	58A	90°	35°	005	85° - 90°	60°	7/00" F.F.m.m
3/8	A363EP-N	75D - 75DP	A3EP	63A	90	30	.025	85 90.	60-	7/32" - 5.5 mm
3/8	A358EP-K	73V	A2EP-GL							
3/8	A358LM-N	73LGX	A2LM	58APL	80°	30°	.025	80° - 90°	60°	7/32" - 5.5 mm
3/8	A363LM-N	75LGX	A3LM	63APL	00	30	.025	00 - 90	00	1/32 - 3.3 11111



# **Accessories - Guide-bars and chains**













							2000	-	
Machines		Guide	bars			Chains			ak 100 ' (Ft)** mak 25 ' (Ft)
	Material	Length	Part code	Pitch x gauge	N. links Type	Туре	Part code	Туре	Part code
MTi 30		12" - cm 30	54050044R	.3/8" x .043" (1.1mm)	45-90 PX	N143C-K-045E	30629541C	N143C-K-100REM N143C-K-025REM	3063037D 3063023A*
MT 2100 E		16" - cm 41	50052019R	.3/8 x .050 (1.3 mm)	56	3/8 LP x.050" K	30629545	3/8 LP x.050" K	3063022D
MTTH 2400	D	10" - cm 25	50350131R	.3/8" x .050" (1.3mm)	40-91 PX	N150C-K-040E	30629521A	N150C-K-100REM N150C-N-100REM N150C-N-025REM	3063022D 3063021D 3063035A*
			50350222R	.1/4" x .043" (1.1mm)	Q43-56 PB	EMAK	30629544		
MIT 0500		1011 05	3061025R 3061026R	.1/4" x .043" (1.1mm)	60-A4SMB	EMAK	3062055R 3062055R		
MTT 2500		- 10" - cm 25	50290132R	.1/4" x .050" (1.3mm)	58-25 AP	E650MC-K-058E	30629540C	E650MC-K-100REM	3063013D
			50030353R	(,	60-25 AP	E650MC-K-060E	30629532C	E650MC-K-025REM	3063029A*
		12" - cm 30	50030233R		45-91 VG	N150C-K-045E N150C-K-045E	<b>30629522C</b> 30629518A	_	
MTT 3600		4411 05		.3/8" x .050" (1.3mm)	50.04.1/0	N150C-K-052E	30629525C		
		14" - cm 35	50030212R		52-91 VG	N150C-K-052E	30629520A		
MT 3710		14" - cm 35	50030212R	3/8" x .050" (1.3mm)	52-91 VG	N150C-K-052E	<b>30629525A</b> 30629520A		
W1 0710		14" - cm 35	50030212R	.0/0 X.000 (1.011111)	53-91 VG	N150C-K-053E	30629526C	N150C-K-100REM	3063022D
		16" - cm 41	50052019R		57-91 VG	N150C-K-057E	30629528A	N150C-N-100REM N150C-N-025REM	3063021D 3063035A*
ATU 400 / PATU 4000		14" - cm 35	50030212R	0/011 05011.4. 0	53-91 VG	N150C-K-053E	30629526A		
MTH 400 / MTH 4000		16" - cm 41	50052019R	.3/8" x .050" (1.3mm)	57-91 VG	N150C-K-057E	30629528A		
		14" - cm 35	50030212R		52-91 VG	N150C-K-052E	30629525A		
NET 4440		14" - cm 35	50030212R	.3/8" x .050" (1.3mm)	52-91 VG	K250C-K-052E	30629520A		
MT 4110		16" - cm 41	50052019R		57-91 VG	K250C-K-057E	30629528A		
		16" - cm 41	50062014R	.325" x .050" (1.3mm)	66-95 VP	K250C-K-066E	30629508C		
	D	16" - cm 41	50062014R		66-95 VP	K250C-K-066E	30629508C	N250C-K-100REM N250C-N-100REM N250C-N-025REM	3063015D 3063014D
MT 4510		18" - cm 46	50230059R	.325" x .050" (1.3mm)	72-95 VP	K250C-K-072E	30629514C	INZUUC-IN-UZƏREIN	3063030A*
		16" - cm 41	094600332R		66-21 BP			No. 20 N	
MT 5200	18" - cm 46 <b>094600333R</b> .325" x .058" (1.5mm) 72-1	72-21 BP	K258C-K-072E	30629512C	N258C-N-100REM N258L-N-100REM N258C-K-100REM	3063017D 3063019D 3063018D			
1 9200		20" - cm 51	50012040R		78-21 BP	K258C-K-078E	30629513C	N258C-N-025REM	3063032AR*

# **Accessories - Guide-bars and chains**













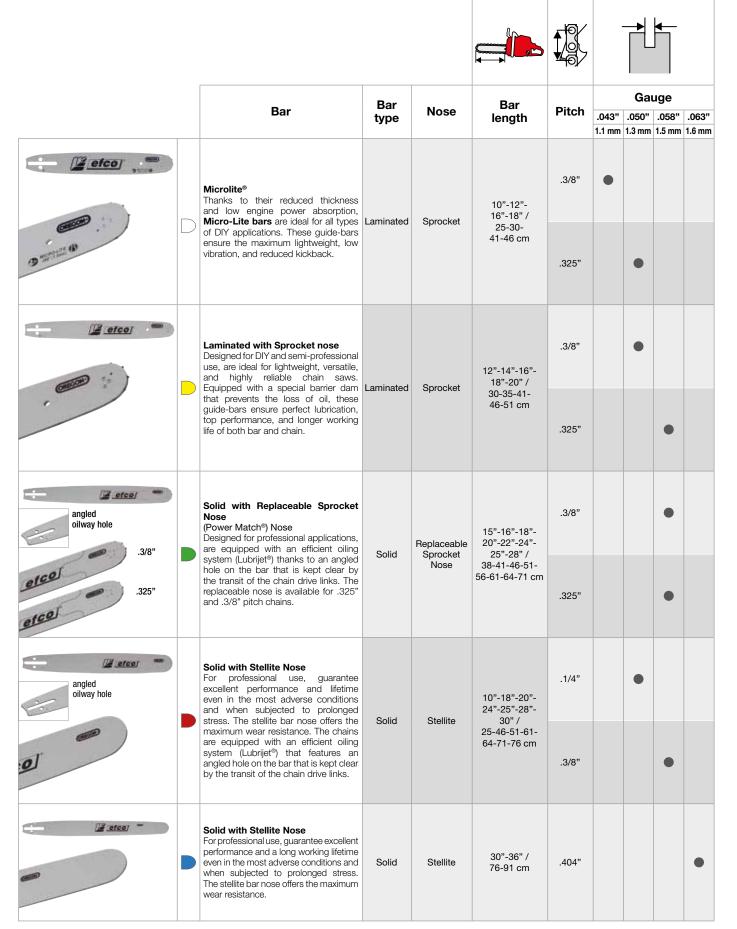
Machines		Guide	e bars			Chains		Reels En	nak 100 ' (Ft) mak 25 ' (Ft)
	Material	Length	Part code	Pitch x gauge	N. links Type	Туре	Part code	Туре	Part code
	D	16" - cm 41	93800067	.325" x .050" (1.3mm)	66 -95 VP	K250C-K-066E	30629508C	N250C-K-100REM N250C-N-100REM	3063015D 3063014D
		18" - cm 46	50310214R	.323 X .030 (1.311111)	72 -95 VP	K250C-K-072E	30629514C	N250C-N-025REM	3063030A*
MTH 510 / MTH 5100 MTH 560 / MTH 5600		20" - cm 51	50310215R	.325" x .058" (1.5mm)	78 -21 BP	K258C-K-078E	30629513C	N258C-N-100REM N258L-N-100REM N258C-K-100REM N258C-N-025REM*	3063017D 3063019D 3063018D 3063032AR*
		18" - cm 46	60310233R	.3/8" x .058" (1.5mm)	68-73 DP	A358EP-K-068E	30629502C	A358EP-N-100REM	3063008D
		20" - cm 51	50310234R	.5/0 X .000 (1.0Hill)	72-73 DP	A358EP-K-072E	30629503C	A358LM-N-100REM	3063010AR
		16" - cm 41	50012038R		66-21 BP			N258C-N-100REM	3063017D
		18" - cm 46	50012039R	.325" x .058" (1.5mm)	72-21 BP	K258C-K-072E	30629512C	N258L-N-100REM N258C-K-100REM	3063019D 3063018D
		20" - cm 51	50012040R		78-21 BP	K258C-K-078E	30629513C	K258C-N-025REM*	3063032AR*
		18" - cm 46	50022023R		68-73 BP	A358EP-K-068E	30629502C		
MT 6300		- 20" - cm 51	50022024R		72-73 BP	A358EP-K-072E A358LM-N-072E	<b>30629503C</b> 30629505*		
		22" - cm 56	50022025*	.3/8" x .058" (1.5mm)	77-73 BP	EMAK	001000754R*		
		18" - cm 46			68-73 BP				
		20" - cm 51	50250119R		72-73 BP	A358EP-K-072E A358LM-N-072E	30629503A 30629505*		
		18" - cm 46	50250114R		68-73 BP	A358EP-K-068E	30629502C	A358EP-N-100REM A358LM-N-100REM	3063008D 3063010AR
		20" - cm 51	50250115R		72-73 BP	A358EP-K-072E A358LM-N-072E	<b>30629503C</b> 30629505*		
NT 0500 / NT 0540		24" - cm 61	50250116R	0/01/ 050// 1/5	84-73 BP				
MT 6500 / MT 6510		20" - cm 51	50250119R	3/8" x .058" (1.5mm)	72-73 BP	A358EP-K-072E A358LM-N-072E	<b>30629503C</b> 30629505*		
		24" - cm 61	50250120R		84-73 BP				
		28" - cm 71			92-73 BP				

Part numbers in bold, series availability. \* available while stocks last 
\*\* Number of links in a 100 ft roll: 1640 (3/8") - 1848 (.325") - 1484 (.404") - 2392 (1/4")



# Accessories - Guide bars description and key





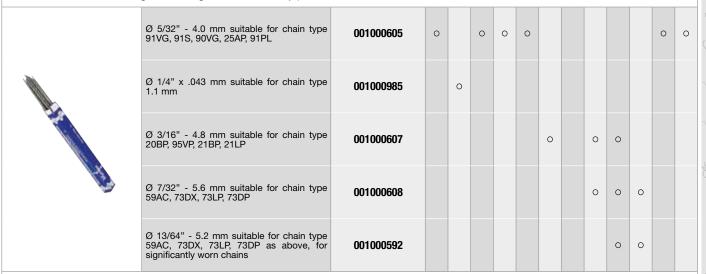
# **Accessories - Sundry**



Part number					ı	Mac	nine	s				
	MTi 30	MT 2100 E	MTTH 2400	MT 3710 - MTH 400 - MTH 4000	MT 4110	MT 4510	MT 5200	MTH 510 - MTH 5100 - MTH 560 - MTH 5600	MT 6300	MT 6500 - MT 6510	MTT 2500	MTT 3600

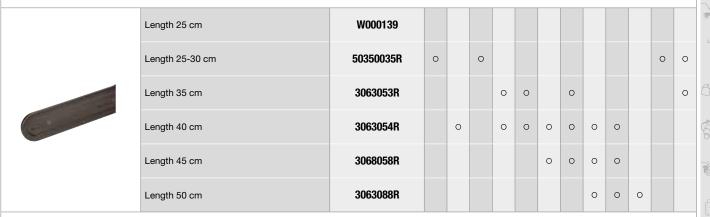
### **Round bars**

Special files for sharpening chain cutting edges. Available with various diameters in accordance with the chain to be sharpened. All bars are 8"/200 mm in length. Packing: carton. Quantity per carton: 6. Minimum order: 1 carton.



### Bar cover

The bar cover is indispensable for operator safety and to prevent chain damage during transport.



### Flat files

Files required for sharpening of the depth limiter and to keep it at the correct distance from the cutting edge. Packing: carton. Quantity per carton: 12. Minimum order: 1 carton.

Length 6" - 150 mm	001000258	0		0	0	0	0	0	0	0	0	0	0	
Length 6" - 150 mm	001000984		0											



# Versatile and easy to use: your handy workmates for pruning at height.

# **Technology and comfort**

These pruners are designed to easily solve the problem of cutting and limbing at height, while guaranteeing a constantly comfortable and safe working position: these tools eliminate the need for access solutions such as ladders and platforms of various types once and for all. They are available with both a fixed and telescopic drive shaft, adjustable up to 5 metres in height for reaching the highest branches. The professional **PTX 2750** model is the optimal solution for professional users, as it combines the advantages of the long-reach pruner with high precision and cutting quality.



Piston with 2 elastic rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel plated cylinder: constant high efficiency guaranteed over time, even when undertaking heavy work schedules.



Filter cover secured with two screws, easily removable to facilitate maintenance.



Large paper air filter for greater filtering capacity, ensuring excellent engine protection even in very dusty environments.



Robust and compact plastic tank protection, to prevent damage to the tank while the machine is being used and transported.



Cover with aluminium clutch support: optimises and reduces the weight of the machine, for lasting strength and reliability.



Digital coil with electronic control and speed limiter: ensures smooth start-up, improved performance, guaranteeing uniform combustion and reduced fuel consumption.





# **Pruners**





# H series



These pruners are designed to easily solve the problem of cutting and limbing at height, while at the same time guaranteeing a constantly comfortable and safe working position: these tools eliminate the need for access solutions such as ladders and platforms of various types once and for all. If you want the best value for money, the **PTH 2500** model is an excellent choice. Lightweight and easy to handle, it is well suited for jobs around the home and on smallholdings.



The semi-transparent chain oiler reservoir enables the operator to read the oil level without removing the cap. The oil pump with automatic delivery is adjustable, allowing the oil flow to be varied according to the use and the type of wood.



Exceptional reliability thanks to the  $\varnothing$  8mm rigid drive shaft running on 6 self-lubricating plain bearings.



AlwaysOn switch: rapid engine stopping, and thanks to the autoreset function, always ready to restart.



The single-strap shoulder harness is easy to adjust and affords greater freedom of movement to the operator.



	PTH 2500
Power/Displacement	1.2 HP – 0.9 kW/25.4 cm <sup>3</sup>
Pruner adjustment	fixed implement
Bar length (nose)	25 cm/10" (sprocket)
Chain (pitch x gauge)	3/8" x .050"
Overall length of machine	2.05 m
Sound pressure/power level	96.0/110.7 dB(A)
Lh/rh vibration level	1.4/1.4 m/s <sup>2</sup>
Dry weight of complete tool without bar and chain	5.4 kg

# X series telescopic



Telescopic pruners are the ideal tools for cutting and limbing at height, while at the same time ensuring a constantly comfortable and safe working position. Suitable for use in woodland, in rural surroundings and in urban open spaces, they eliminate the need for access solutions such as ladders and platforms of various types once and for all. Thanks to the telescopic pole that can be extended up to 3.12 metres, they can reach branches up to 5 metres from the ground. Model **PTX 2750** is equipped with pruner and 1/4" carving bar with sprocket tip and 30 cm cutting length, which can penetrate the thickest branches due its low weight and compactness. The engine shroud features an aluminium support affording superior mechanical strength. The professional oil pump ensures constant lubrication of the cutting assembly.



The Easy Lift mixture cap is the most practical solution for fast fuel top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.



Cutting system: lightweight and compact, equipped as standard with a carving bar with sprocket tip. The guide bar measures 12" (30 cm) and is paired with a  $\frac{1}{4}$  x .043 chain.



AlwaysOn switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart.



Checking the oil level is easy thanks to the semi-transparent reservoir, while chip ejection is facilitated by the large discharge section near the bar attachment



	11/12/00	
Power/Displacement	1.3 HP – 1.0 kW/27.0 cm <sup>3</sup>	
Adjustment of pruning head	fixed	
Bar length (nose)	30 cm/12" (sprocket)	ď
Chain (pitch x gauge)	1/4" x .043"	
Overall length of machine	2.65 m/3.85 m	I
Sound pressure/power level	97.0/107.5 dB(A)	
Lh/rh vibration level	4.2/5.9 m/s <sup>2</sup>	4
Dry weight of complete tool without bar and chain	7.4 kg	



# **Accessories - Bars and Chains**













Machines		Guide	bars			Chains		Reels Em	ak 100 ' (Ft)** mak 25 ' (Ft)
	Material	Length	Part code	Pitch x gauge	N. links Type	Туре	Part code	Type	Part code
PTH 2500 / PH 30	D	10" - cm 25	61542013R	.3/8" x .050" (1.5mm)	40-91 PX	N150C-K-040E	30629521C	N150C-K-100REM	3063022D
EP 125	D	12" - cm 30	63090075AR	.1/4" x .043" (1.1mm)	64	EMAK	30629542		
PTX 2710	D	10" - cm 25	63090031R	.3/8" x .043" (1.1mm)	39-90 SG	N143C-K-039E	30629529C	N143C-K-100REM N143C-K-025REM*	3063037D 3063023A*
PTX 2750	D	12" - cm 30	63090075AR	.1/4" x .043" (1.1mm)	64	EMAK	30629542		
PTXi 530	D	12" - cm 30	63090075AR	.1/4" x .043" (1.1mm)	64	EMAK	30629542		
F 1 A 1 330	D	10" - cm 25	50350222R	.1/4" x .043" (1.1mm)	Q43-56 PB	EMAK	30629544		

## **Accessories - Various**



Part number	N	/lachine	es
	8	9	20
	PTH 2500	PTX 2710	PTX 2750

### **Round bars**

Special files for sharpening chain cutting edges. Available with various diameters in accordance with the chain to be sharpened. All bars are 8"/200 mm in length. Packing: carton. Quantity per carton: 6. Minimum order: 1 carton.



### Bar cover

The bar cover is indispensable for operator safety and to prevent chain damage during transport.



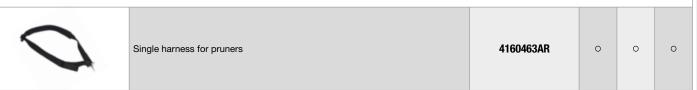
### Flat files

Files required for sharpening of the depth limiter and to keep it at the correct distance from the cutting edge. Packing: carton. Quantity per carton: 12. Minimum order: 1 carton.

Length 6" - 150 mm	001000258	0	0	-

### **Harness**

Single harness designed for pruners.





# Precision, safety and freedom of movement: all the ingredients of the perfect cut.

# Technology and comfort

With their high performance engine and top-quality blades, **Efco** hedgetrimmers are a guarantee of excellence. Lightweight, powerful and easy to use, these tools are perfect for tackling all types of hedges with clean and accurate cutting action, essential for the aesthetic results of the job and to protect the health of the plants. Ease of use of **Efco** hedgetrimmers is assured also by the Primer and EasyOn devices, designed to facilitate engine starting, even in cold weather conditions.



High quality blades with top cutting edge ensure a clean and precise cut that will not damage vegetation. Equipped with adjustment system for adaptability to any type of foliage.



Professional grade aluminium gear case, drive linkage with pinion carried in bearings and rods with rollers, combining to guarantee long life, low noise and minimal vibration.



EasyOn system to guarantee reduced effort and speed of starting.



Large paper air filter for higher filtration capacity and more effective engine protection, even in dusty conditions.



Anti-vibration system utilizing 4 springs guaranteeing total isolation from the operator's hands.



Rear swivel handle rotatable through 180°: ensures easy trimming even when working at an angle (double-sided blade models only).



# Hedgetrimmers





# **TG** series



Lightweight, compact and agile: the practical electric hedgetrimmers are equipped with a motor that offers performance comparable to the petrol engine models. Electric hedgetrimmers, designed to handle smaller occasional jobs with ease, are the ideal tools for amateur gardeners. Suitable for trimming and pruning medium size hedges or bushes and relatively sparse vegetation, these tools are fitted with a quiet running motor that makes them suitable for use around residential areas.



Double safety switch on the handle for maximum operator safety.



 $180^{\circ}$  swivel handle: allows the tool to be used also when holding it at an angle.



Transparent hand guard for maximum visibility of the work area.







	TG 605 E	TG 750 E
Power	0.60 kW	0.70 kW
Voltage	230 V	230 V
Frequency	50 Hz	50 Hz
Type/Blade	double	double
Length/Blade	570 mm	700 mm
Pitch/Blade	30 mm	35 mm
Maximum cutting thickness	15 mm	20 mm
Sound pressure/power level	78/95.4 dB(A)	86/94.9 dB(A)
Lh/rh vibration level	2.3/2.9 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>
Weight	3.6 kg	4.3 kg

## **TG** series



The professional hedgetrimmers have all the features needed to prune very large and thickly vegetated hedges without problems. Powerful and rugged and yet still light enough to be easily manageable, these models have steel blades and an aluminium gearbox: top quality components that ensure consistently high efficiency through time.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel-plated cylinder: constant efficiency through time, even when undertaking heavy work schedules.



High quality steel blades with top cutting edge: designed to ensure a clean and precise cut that will not damage vegetation. Equipped with adjustment system for adaptability to suit any type of foliace.



The EasyLift mixture cap is the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.



Single blade deflector for **TGS 2470 P**. Useful for collecting foliage to ensure it doesn't remain lodged in the hedge, hindering the progress of the operator.

58040150



	IG 2460 P	IG 2470 P	IGS 2470 P
Power	1.0 HP - 0.75 kW	1.0 HP - 0.75 kW	1.0 HP - 0.75 kW
Displacement	21.7 cm <sup>3</sup>	21.7 cm <sup>3</sup>	21.7 cm <sup>3</sup>
Type/Blade	double	double	single
Length/Blade	600 mm	750 mm	750 mm
Pitch/Blade	35 mm	35 mm	35 mm
Sound pressure/power level	98.8/108 dB(A)	98.8/108 dB(A)	98.8/108 dB(A)
Lh/rh vibration level	3.8/4.5 m/s <sup>2</sup>	3.8/4.5 m/s <sup>2</sup>	6.6/8.6 m/s <sup>2</sup>
Weight	5.2 kg	5.4 kg	5.2 kg



# **DS** series with shaft



Uneven or steeply sloping terrain and hard-to reach vegetation are no longer a problem for pruning work thanks to the shaft hedgetrimmers. The ergonomic and comfortable handles are equipped with safety switches designed to stop the tool if the operator releases it. High cutting quality is achieved thanks to the double-edge blade, adjustable through 180° with 12 intermediate positions.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



EasyOn starting system: reduces kick-back when starting.



AlwaysOn switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart.



High quality steel blades, rotatable through 12 different positions from 0° to 180°: the blades provide clean and accurate cutting action to safeguard the health of the hedge.



	DS 2410 H	DS 2410 HL
Power	1.2 HP - 0.9 kW	1.2 HP - 0.9 kW
Displacement	21.7 cm <sup>3</sup>	21.7 cm <sup>3</sup>
Type/Blade	double blade, rotatable through 12 positions from 0° to 180°	double blade, rotatable through 12 positions from 0° to 180°
Length/Blade	500 mm	500 mm
Machine overall length	1.8 m	2.4 m
Pitch/Blade	35 mm	35 mm
Sound pressure/power level	93.4/104.7 dB(A)	93.4/104.7 dB(A)
Lh/rh vibration level	8.0/6.5 m/s <sup>2</sup>	8.0/6.5 m/s <sup>2</sup>
Weight	6.8 kg	7.1 kg
	Available while stocks last	Available while stocks last

# **DS** series with shaft



Uneven or sloping terrain and hard-to-reach vegetation are no longer an obstacle to pruning work, thanks to shaft hedge trimmers. The ergonomic and comfortable handles are equipped with safety switches designed to stop the tool immediately if the user loses grip. The high cutting quality is due to the 180° double blade adjustable through 11 positions.



EasyOn starting system: reduces kickback during ignition.



High quality steel blades, adjustable through 11 different positions from 0° to 180°, ensure a clean and accurate cutting action that safeguards the health of the hedge.



Magnesium gearbox which minimises the weight of the tool.



Steel tip protector for blades, available as an accessory. **58050083** 

	DS 2410 HC	DS 2410 HCL
Power	1.2 HP - 0.9 kW	1.2 HP - 0.9 kW
Displacement	21.7 cm <sup>3</sup>	21.7 cm <sup>3</sup>
Type/Blade	double blade, rotatable through 11 positions from 0° to 180°	double blade, rotatable through 11 positions from 0° to 180°
Length/Blade	550 mm	550 mm
Machine overall length	1.8 m	2.4 m
Pitch/Blade	35 mm	35 mm
Sound pressure/power level	93.4/104.7 dB(A)	93.4/104.7 dB(A)
Lh/rh vibration level	8.0/6.5 m/s <sup>2</sup>	8.0/6.5 m/s <sup>2</sup>
Weight	6.2 kg	6.5 kg





# Lawns, ditches, undergrowth: a perfect cut knows no obstacles.

# **Technology and comfort**

**Efco** has designed a brushcutter for all types of cutting and finishing work. **Efco** models are equipped with engines that deliver a high torque even at low speed. The many features of these models, including the self-lubricating bushes and ergonomic handles, ensure the maximum user comfort when working with these tools. Other aspects, such as the generous size of the clutch, the steel composition of the crankshaft or the two piston rings, make our brushcutters safe and reliable workmates that are guaranteed to endure through time. The safety devices provided make **Efco** tools suitable for both professional and home use.



Forged steel crankshaft and piston with two rings: guarantees longer working life.



Ergonomic loop and handles: clad in soft rubber to provide an anatomic and comfortable grip of the tool in all operating conditions.



AlwaysOn on/off system: returns automatically to the start position after each stop, avoiding flooding of the engine.



Filter support with anti-backflow element (Emak patent): prevents the filter from becoming fouled by fuel and guarantees longer operation between filter maintenance procedures.



User-friendly starting EasyOn system that ensures smooth engine pick-up with no kickback and a limited number of pulls.



Large size paper air filter for higher filtration capacity, guaranteeing excellent protection of the engine also in very dusty conditions.





# **Brushcutters**







#### 8000 series



Electric trimmers are the perfect tool for clearing small plots of land, combining high performance with easy use. Ranging in power from 600 to 850 W, these tools are particularly indicated for occasional jobs at home, such as tidying the lawn and finishing the edges.



	8061	8091	î
Power	600 W	850 W	
Voltage/Frequency	120-230 V/50-60 Hz	120-230 V/50-60 Hz	
Tube diameter	22 mm	22 mm	1
Grip	single	single	
Cutting components	105 mm dia. Tap&Go head with 1.65 mm dia. line	109 mm dia. Tap&Go head with 1.60 mm dia. line	
Harness	optional	single	
Sound pressure/power level	86/95 dB(A)	87/95 dB(A)	
Lh/rh vibration level	5.4/3.1 m/s <sup>2</sup>	6.4/6.0 m/s <sup>2</sup>	
Dry weight without cutting tools	3.7 kg	4.0 kg	



#### H series lightweight



"H" series brushcutters are at the entry level of the **Efco** range. These brushcutters are designed to guarantee the ideal combination of performance and economy, for jobs in home gardens and on smallholdings. Specifically, these compact and lightweight models are perfect for tidying and edging lawns.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel plated cylinder: constant high efficiency guaranteed over time, even when undertaking heavy work schedules.



Exceptional reliability thanks to the  $\varnothing$  8 mm rigid drive shaft running in 6 self-lubricating plain bearings.



AlwaysOn switch: rapid engine stopping, and thanks to the autoreset function, always ready to restart.



 $\varnothing$  110 mm Tap&Go EVO line head,  $\varnothing$  2.4 mm line, Tap&Go operation.

**DSH 250 T** 



	DSH 2500 S	DSH 2500 T
Power/Displacement	1.2 HP - 0.9 kW/25.4 cm <sup>3</sup>	1.2 HP - 0.9 kW/25.4 cm <sup>3</sup>
Tube diameter	26 mm	26 mm
Grip	single	handlebar
Cutting components	110 mm dia. Tap&Go EVO line head with 2.40 mm line	110 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades
Harness	single	single
Fuel tank capacity	0.75 L	0.75 L
Sound pressure/power level	98/114 dB(A)	98/114 dB(A)
Lh/rh vibration level	5.3/5.5 m/s <sup>2</sup>	3.5/4.7 m/s <sup>2</sup>
Dry weight without cutting tools	5.8 kg	6.4 kg

**DSH 250 S** 

#### H series 4-stroke



**H**-series 4-stroke brushcutters have been designed for cleaning lawns and finishing edges while respecting the environment and keeping noise to a minimum. The 4-stroke engine reduces both fuel consumption and noise emissions compared to 2-stroke models with the same displacement. **DSH** models are available in different configurations: single handgrip, double handgrip and backpack.



Engine with 4-stroke technology and overhead valves (OHV).



Large paper filter with excellent filtration capacity even in dusty environments.



AlwaysOn switch: rapid engine stopping, and thanks to the auto reset function, always ready to restart.



Tap&Go EVO head  $\varnothing$  130 mm head, 2.4 mm line, Tap & Go operation.



		Awayson	-			Awayson			Awayson
DSH	3100	S		DSH	I 310	0 <b>T</b>	DSH:	3100	BP

Power/Displacement	1.0 HP - 0.75 kW/31 cm <sup>3</sup>	1.0 HP - 0.75 kW/31 cm <sup>3</sup>	1.0 HP - 0.75 kW/31 cm <sup>3</sup>	1
Tube diameter	26 mm	26 mm	26 mm	
Grip	single	handlebar	single	
Cutting components	110 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades	110 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades	110 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades	
Harness	single	single	double integrated with backpack	
Fuel tank capacity	0.8 L	0.8 L	0.8 L	
Sound pressure/power level	93.9/111 dB(A)	93.9/111 dB(A)	94/109 dB(A)	
Lh/rh vibration level	4.5/6.1 m/s <sup>2</sup>	3.9/3.5 m/s <sup>2</sup>	2.8/2.1 m/s <sup>2</sup>	
Dry weight without cutting tools	7.7 kg	8.0 kg	11.2 kg	



#### H series medium power



At the entry level of the **Efco** range, "**H**" series brushcutters are designed to provide the perfect compromise of performance and economy for jobs in home gardens and on smallholdings. These models deliver constant torque and power even at low speeds, making them suitable for the most demanding jobs.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel plated cylinder: constant high efficiency guaranteed over time, even when undertaking heavy work schedules.



Exceptional reliability thanks to the  $\varnothing$  8 mm rigid drive shaft running in 6 self-lubricating plain bearings.



AlwaysOn switch: rapid engine stopping, and thanks to the autoreset function, always ready to restart.



 $\varnothing$  130 mm Tap&Go EVO line head,  $\varnothing$  2.4 mm, Tap&Go operation.



	DSH 4000 S	DSH 4000 T	DSH 4000 BP
Power/Displacement	2.0 HP - 1.5 kW/40.2 cm <sup>3</sup>	2.0 HP - 1.5 kW/40.2 cm <sup>3</sup>	2.0 HP - 1.5 kW/40.2 cm <sup>3</sup>
Tube diameter	26 mm	28 mm	26 mm
Grip	single	handlebar	single
Cutting components	130 mm dia. Tap&Go EVO line head with 2.40 mm line	130 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades	130 mm dia. Tap&Go EVO line head with 2.40 mm line 255 mm dia. disc with 3 blades
Harness	single	double	double
Fuel tank capacity	1.10 L	1.10 L	1.10 L
Sound pressure/power level	95.4/113 dB(A)	95.4/113 dB(A)	95.4/113 dB(A)
Lh/rh vibration level	7.0/5.8 m/s <sup>2</sup>	4.5/5.7 m/s <sup>2</sup>	4.6/3.3 m/s <sup>2</sup>
Dry weight without cutting tools	7.3 kg	8.1 kg (400 T) 8.2 kg (4000 T)	9.9 kg (400 BP) 10.3 kg (4000 BP)

#### H series medium power



The top-of-the-range brushcutters in the "H" line are the 50.9 cm³ **DSH** models. Offering a high level of power and linear engine torque even at low revs, they are the go-to choice for the most demanding jobs, such as clearing agricultural land, dense grass, brushwood or shrubs. The technical solutions adopted ensure consistent, long-term quality; **DSH 5000** models are available in three different configurations—single handgrip, handlebar and backpack—to meet the widest variety of user needs.



Piston with 2 rings, forged and machined steel crankshaft and con rod, needle roller bearings, chrome plated cylinder: guaranteed constant efficiency through time, even in the most demanding working conditions.



Rigid drive shaft, Ø 8 mm: exceptional reliability thanks to the rigid drive shaft that runs in 6 self-lubricating bearings.

**DSH 5000 S** 



AlwaysOn system: the ON/OFF switch automatically returns to the ON position after each stop, avoiding the risk of engine flooding.



Tap&Go EVO head: ø 130 mm head equipped with 3.0 mm line, Tap&Go EVO operation.



#### DSH 500 T

Power/Displacement	2.8 HP - 2.1 kW/50.9 cm <sup>3</sup>	2.8 HP - 2.1 kW/50.9 cm <sup>3</sup>	2.8 HP - 2.1 kW/50.9 cm <sup>3</sup>
Tube diameter	28 mm	32 mm	26 mm
Grip	single	handlebar	single
Cutting components	130 mm dia. Tap&Go EVO line head with 3.00 mm line 255 mm dia. disc with 3 blades	130 mm dia. Tap&Go EVO line head with 3.00 mm line 255 mm dia. disc with 3 blades	130 mm dia. Tap&Go EVO line head with 3.00 mm line 255 mm dia. disc with 3 blades
Harness	single	double professional	double integrated with backpack
Fuel tank capacity	1.10 L	1.10 L	1.10 L
Sound pressure/power level	101.5/116 dB(A)	101.5/116 dB(A)	104.9/115 dB(A)
Lh/rh vibration level	5.3/4.8 m/s <sup>2</sup>	7.0/5.7 m/s <sup>2</sup>	6.4/4.5 m/s <sup>2</sup>
Dry weight without cutting tools	7.9 kg	8.3 kg (500 T) 8.3 kg (5000 T)	11.0 kg



#### H series multifunction



As the name suggests, "H" series multifunction brushcutters have multiple uses. Designed to meet the needs of those who occasionally need extra equipment, it combines several high-performance tools in a single machine. As well as pruning bushes, it is very useful for cutting the lawn and trimming hedges. Thanks to the separately purchasable applications and the no-tools quick coupling system, changing activities in the same work session can be done simply and rapidly.



Piston with 2 elastic rings, forged and machined steel crankshaft and connecting rod, needle roller bearings, nickel plated cylinder: constant high efficiency guaranteed over time, even when undertaking heavy work schedules.



Exceptional reliability thanks to the  $\emptyset$ 8mm rigid drive shaft running on 6 selflubricating plain bearings.



AlwaysOn switch: rapid engine stopping, and thanks to the autoreset function, always ready to restart.









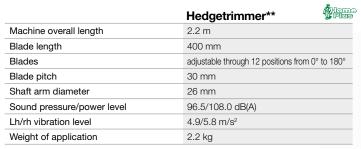
	DSH 250 D
	DSH 2500 D
Power/Displacement	1.2 HP - 0.9 kW/25.4 cm <sup>3</sup>
Shaft arm diameter	26 mm
Handle	single
Tank capacity	0.75 L
Weight of engine unit	4.9 kg

#### H series multifunction

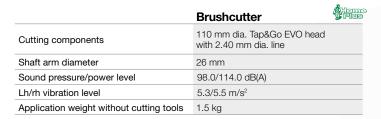


	Pruner**	
Machine overall length	2.0 m	
Bar length	25 cm/10"	
Chain (pitch x gauge)	3/8"x .050"	
Oil tank capacity	0.13 L	
Shaft arm diameter	26 mm	
Sound pressure/power level	96.0/110.7 dB(A)	
Lh/rh vibration level	1.4/1.4 m/s <sup>2</sup>	
Weight of application	1.7 kg	

<sup>\*\*</sup> Can also be used with  ${\bf DSi}$  35  ${\bf D}$  battery-powered multifunction brushcutter



<sup>\*\*</sup> Can also be used with **DSi 35 D** battery-powered multifunction brushcutter



	Shaft extension**	Home
Weight	0.9 kg	
Shaft arm diameter	26 mm	
Length	1000 mm	

<sup>\*\*</sup> Can also be used with **DSi 35 D** battery-powered multifunction brushcutter





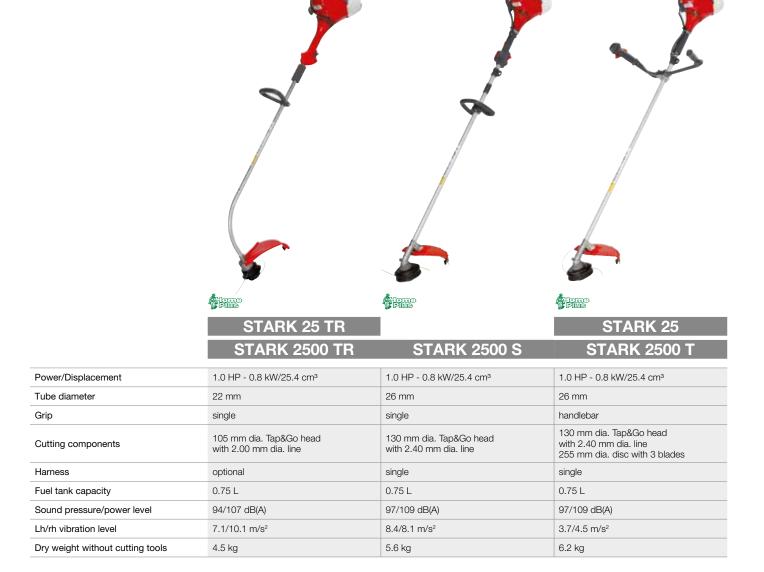




#### **STARK** series lightweight



**STARK** lightweight brushcutters are recommended for tidying and edging lawns in the garden for home users and in larger open spaces. The robust technological solutions adopted guarantee consistently high quality over time. These brushcutters are available with either a rigid drive shaft or with a curved shaft arm to adapt easily to suit all styles of use.



#### **STARK** series medium power



Medium power brushcutters are reliable and can handle the tasks of higher power machines on an occasional basis. The **STARK** models are designed to guarantee high efficiency even when used continuously and in difficult environments. The robust technological solutions adopted guarantee consistently high quality over time.



Piston with 2 rings, forged and machined steel crankshaft and connecting rod, needle roller bearings: guaranteed constant efficiency through time, even when undertaking heavy work schedules.



Large size paper air cleaner for enhanced filtration capacity; equipped also with fuel anti-backflow system.



Exceptional reliability thanks to the Ø 8mm rigid drive shaft running in 6 self-lubricating plain bearings.



AlwaysOn switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart.





Power/Displacement	1.8 HP - 1.3 kW/36.2 cm <sup>3</sup>	1.8 HP - 1.3 kW/36.2 cm <sup>3</sup>	2.1 HP - 1.6 kW/40.2 cm <sup>3</sup>	2.1 HP - 1.6 kW/40.2 cm <sup>3</sup>
Tube diameter	28 mm	28 mm	28 mm	28 mm
Grip	single	handlebar	single	handlebar
Cutting components	130 mm dia. Load&Go head with 3.00 mm dia. line	130 mm dia. Load&Go head with 3.00 mm dia. line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go head with 3.00 mm dia. line	130 mm dia. Load&Go head with 3.00 mm dia. line 255 mm dia. disc with 3 blades
Harness	single	double	single	double
Fuel tank capacity	0.87 L	0.87 L	0.87 L	0.87 L
Sound pressure/power level	99/112 dB(A)	99/112 dB(A)	98/107 dB(A)	98/107 dB(A)
Lh/rh vibration level	5.7/6.2 m/s <sup>2</sup>	3.7/5.4 m/s <sup>2</sup>	6.0/5.5 m/s <sup>2</sup>	5.1/5.8 m/s <sup>2</sup>
Dry weight without cutting tools	7.2 kg	7.9 kg	7.3 kg	8.0 kg



# **DS** series lightweight



The lightweight brushcutters are recommended for tending the lawn and finishing the edges, both in home gardens and in larger open spaces. The engine of **DS 2410** models has been upgraded in terms of performance: constant torque and power output also at low speeds for improved working capacity.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



WALBRO digital coil with electronic control and revs limiter: for easier starting, enhanced performance thanks to uniform combustion, and reduced fuel consumption.



The illustrated step-by-step start-up instructions ensure quick and safe starting, even for less expert users (**DS 2410** models).



	DS 2410 S	DS 2410 T
Power/Displacement	1.2 HP - 0.9 kW/21.7 cm <sup>3</sup>	1.2 HP - 0.9 kW/21.7 cm <sup>3</sup>
Tube diameter	24 mm	24 mm
Grip	single	handlebar
Cutting components	130 mm dia. Load&Go head with 2.40 mm dia. line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go head with 2.40 mm dia. line 255 mm dia. disc with 3 blades
Harness	single	single with cushion
Fuel tank capacity	0.40 L	0.40 L
Sound pressure/power level	91.5/106 dB(A)	91.5/106 dB(A)
Lh/rh vibration level	4.8/4.6 m/s <sup>2</sup>	1.5/2.5 m/s <sup>2</sup>
Dry weight without cutting tools	4.5 kg	5.2 kg

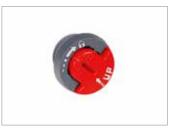
#### DS series medium power



**DS 2700**, **DS 3000** and **DS 3500** models are recommended for use by experts engaged in intensive and continuous work, such as gardeners carrying out finishing operations or small grass cutting jobs. High efficiency even under strain, but never impairing the high level of operator comfort and easy handling.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



The EasyLift mixture cap is the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools.



Aluminium clutch housing and cover: optimised and reduced weight of the machine while imparting high strength and lasting reliability.



Ø 130 mm Load&Go head: assures quick and straightforward line replacement – just 20 seconds to rewind the line and resume work.



DS 2700 S	DS 2700 I	DS 3000 S	DS 3000 I	DS 3500 S	DS 3500 I
1.3 HP - 1.0 kW/27 cm <sup>3</sup>	1.3 HP - 1.0 kW/27 cm <sup>3</sup>	1.5 HP - 1.1 kW/30 cm <sup>3</sup>	1.5 HP - 1.1 kW/30 cm <sup>3</sup>	1.9 HP – 1.4 kW/36.3 cm <sup>3</sup>	1.9 HP – 1.4 kW/36.3 cm <sup>3</sup>
26 mm	26 mm	26 mm	26 mm	26 mm	28 mm
single	handlebar	single	handlebar	single	handlebar
130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades	with 2.40 mm line	with 2.40 mm line	130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades	with 3.00 mm dia. line	with 3.00 mm dia. line
single	single with cushion	single	single with cushion	single	double with quick release
0.69 L	0.69 L	0.69 L	0.69 L	0.6 L	0.6 L
93.5/102.8 dB(A)	93.5/102.8 dB(A)	97.7/111.2 dB(A)	97.7/111.2 dB(A)	91.5/106 dB(A)	91.5/106 dB(A)
5.9/5.9 m/s <sup>2</sup>	3.1/4.5 m/s <sup>2</sup>	6.3/5.4 m/s <sup>2</sup>	4.1/4.1 m/s <sup>2</sup>	5.2/4.6 m/s <sup>2</sup>	4.4/4.4 m/s <sup>2</sup>
5.7 kg	6.0 kg	6.0 kg	6.3 kg	6.9 kg	7.6 kg



#### **DS** series multifunction



As the name suggests, multifunction brushcutters have multiple uses. Designed to satisfy the demands of both private and professional users, they combine the performance of different machines in a single tool. As well as pruning bushes, they are very useful for cutting the lawn, trimming hedges and blowing away leaves or debris. Thanks to the separately purchasable applications and the no-tools quick coupling system, changing the activity in the same work session can be done simply and rapidly. The models in the catalogue are available with two engine displacements, both compatible with the same applications.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



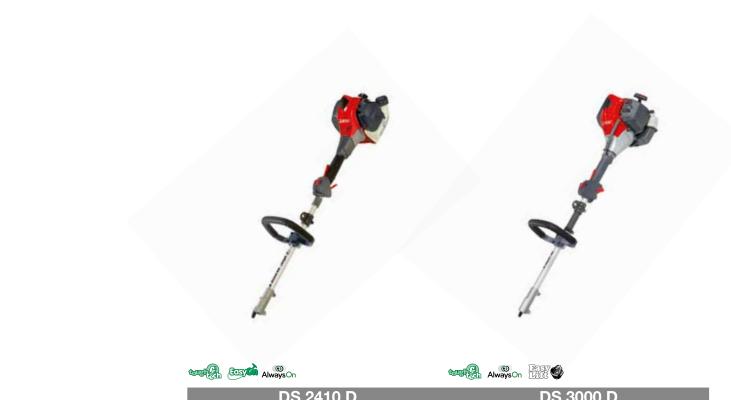
WALBRO digital coil with electronic control and revs limiter: for easier starting, enhanced performance thanks to uniform combustion, and reduced fuel consumption.



The EasyLift mixture cap is the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools (**DS** 3000 **D**).



The "no tools" quick fit system makes it possible to switch between applications easily and without using tools.



	DO ETIOD	<b>DS 3000 B</b>
Power/Displacement	1.2 HP - 0.9 kW/21.7 cm <sup>3</sup>	1.5 HP – 1.1 kW/30 cm <sup>3</sup>
Shaft arm diameter	24 mm (26 mm application side)	26 mm
Handle	single	single
Tank capacity	0.40 L	0.69 L
Weight of engine unit	4.2 kg	4.8 kg

#### **DS** series multifunction



	Pruner	to gift
Machine overall length	2.0 m	
Bar length	30 cm/12"	
Chain (pitch x gauge)	1/4"x .043"	
Oil tank capacity	0.18 L	
Shaft arm diameter	26 mm	
Sound pressure/power level	91/102.5 dB(A)	
Lh/rh vibration level	7.3/6.6 m/s <sup>2</sup>	
Weight of application	2.0 kg	





	Hedgetrimmer**
Machine overall length	1.8 m
Blade length	500 mm
Blades	adjustable through 12 positions from 0° to 180°
Blade pitch	35 mm
Shaft arm diameter	26 mm
Sound pressure/power level	93.4/104.7 dB(A)
Lh/rh vibration level	6.2/9.0 m/s <sup>2</sup>
Weight of application	2.7 kg





	Brushcutter**	ters (4)
Cutting components	130 mm dia. Load&Go head with 2.40 mm dia. line 255 mm dia. disc with 3 blades	
Shaft arm diameter	26 mm	
Sound pressure/power level	91.5/106 dB(A)	
Lh/rh vibration level	5.4/5.4 m/s <sup>2</sup>	
Application weight without cutting tools	1.1 kg	

\*\* Can also be used with **DSi 530 D** battery-powered multifunction brushcutter





	Blower**	territe de
Air flow rate	600 m <sup>3</sup> /h	
Air velocity	60 m/s	
Shaft arm diameter	26 mm	
Sound pressure/power level	93.4/102 dB(A)	
Lh/rh vibration level	3.0/2.9 m/s <sup>2</sup>	
Weight of application	1.5 kg	

\*\* Can also be used with **DSi 530 D** battery-powered multifunction brushcutter





	Shaft extension**	ters(A)
Weight	0.7 kg	
Shaft arm diameter	26 mm	
Length	750 mm	

<sup>\*\*</sup> Can also be used with  ${\bf DSi}$  530  ${\bf D}$  battery-powered multifunction brushcutter





#### DS series / 8410-8460 series professional



These tools are ideal for professionals and groundcare operators, also when working on large surface areas. Strong and sturdy, these brushcutters are designed to handle intensive and continuous jobs, such as clearing thick grass, brushwood and shrubs, guaranteeing absolutely consistent quality over time. All models are equipped with a professional 3-tooth blade designed specifically for cutting back undergrowth. The technical features of our models ensure efficiency, high performance and maximum operator comfort in action.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



WALBRO digital coil with electronic control and revs limiter: for easier starting, enhanced performance thanks to uniform combustion, and reduced fuel consumption.



Large size paper air cleaner for enhanced filtration capacity and long working times.



Ø 130 mm Load&Go head: assures quick and straightforward line replacement – just 20 seconds to rewind the line and resume work.



	DS 4000 S	DS 4000 T	8410	8460
Power/Displacement	2.5 HP – 1.83 kW/44 cm <sup>3</sup>	2.5 HP – 1.83 kW/44 cm <sup>3</sup>	2.1 HP – 1.6 kW/40.2 cm <sup>3</sup>	2.5 HP - 1.8 kW/45.7 cm <sup>3</sup>
Tube diameter	28 mm	28 mm	28 mm	32 mm
Grip	single	handlebar	handlebar	handlebar
Cutting components	130 mm dia. Load&Go line head with 3.00 mm line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go line head with 3.00 mm line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go line head with 3.00 mm line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go head with 3.00 mm dia. line 305 mm dia. disc with 3 blades
Harness	single	double professional	double	double professional
Fuel tank capacity	0.75 L	0.75 L	0.87 L	1.50 L
Sound pressure/power level	102/108 dB(A)	102/108 dB(A)	98/107 dB(A)	91/104 dB(A)
Lh/rh vibration level	6.0/6.3 m/s <sup>2</sup>	5.1/3.4 m/s <sup>2</sup>	3.7/5.4 m/s <sup>2</sup>	3.7/5.4 m/s <sup>2</sup>
Dry weight without cutting tools	7.4 kg	8.3 kg	7.9 kg	8.1 kg

#### 8530 series / DS series professional



P.S.

Designed to meet the needs of ground care professionals accustomed to tackling the toughest maintenance schedules in terms of both intensity and duration: clearing of extensive areas, both on flat ground and in hard to access locations, maintenance of green assets in rural areas and, more generally, clearing agricultural land.



AlwaysOn switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart (**DS 5300**, **DS 5500**).



Aluminium clutch housing and cover: combines strength with lightweight construction, guaranteeing lasting reliability.



Innovative Load&Go ExtraLife head with reinforced knob: ensures extremely quick and simple reload, with just 20 seconds needed to rewind the line and resume cutting operations (DS 5300, DS 5500).



**DS 5500 BOSS** version: features an advanced anti-vibration system anchored with 2 steel springs to reduce the level of vibration transmitted to the operator.



8530	8550 BOSS	DS 5300 S	DS 5300 T	DS 5500 BOSS
	<u></u>			
2.8 HP - 2.1 kW/52.5 cm <sup>3</sup>	2.8 HP - 2.1 kW/52.5 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>
32 mm	32 mm	28 mm	32 mm	32 mm
handlebar	handlebar	single	handlebar	handlebar
130 mm dia. Load&Go head with 3.00 mm dia. line 305 mm dia. disc with 3 blades	160 mm dia. Tap&Go head with 3.50 mm dia. line 305 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades
double professional	double professional	single	double professional	double professional
1.50 L	1.50 L	1.20 L	1.20 L	1.20 L
93/105 dB(A)	93/105 dB(A)	103.5/113.6 dB(A)	103.5/113.6 dB(A)	103.5/113.6 dB(A)
2.6/3.7 m/s <sup>2</sup>	3.7/4.0 m/s <sup>2</sup>	6.0/7.1 m/s <sup>2</sup>	2.9/5.9 m/s <sup>2</sup>	3.5/5.8 m/s <sup>2</sup>
8.2 kg	8.5 kg	8.5 kg	9.4 kg	9.9 kg
		Available while stocks last	Available while stocks last	Available while stocks last



#### **DS** series professional



These are top-of-the-range models because they are designed using the most innovative technical solutions, which ensure high performance, long-lasting durability and maximum operator comfort. They perfectly meet the needs of professional groundskeepers and gardeners engaged in intensive and continuous work, such as cutting thick grass, brushwood and shrubs, or tidying roadside verges. All models are equipped with the professional 3-tooth disc designed specifically for cutting back undergrowth.



EasyStart system: ensures greater comfort and reduces kickback thanks to a double spring inside the starter case.



Hollow drive shaft and magnesium crankcase: lightweight components to improve performance by reducing the overall weight of the machine.



Large-sized air filter in paper and sponge for enhanced filtration capacity and long working times.



Stone guard with a modern, no-frills design, lightened at the front, ensures high visibility and smooth running whether over bumpy terrain or dense undergrowth.



	DS 5400 S	DS 5400 I	DS 5400 BOSS
Power/Displacement	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>
Tube diameter	28 mm	32 mm	32 mm
Grip	single	handlebar	handlebar
Cutting components	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 300 mm dia. disc with 3 blades
Harness	single	double professional	double professional
Fuel tank capacity	1.30 L	1.30 L	1.30 L
Sound pressure/power level	104.6/113 dB(A)	104.6/113 dB(A)	104.6/113 dB(A)
Lh/rh vibration level	7.4/6.8 m/s <sup>2</sup>	5.4/6.2 m/s <sup>2</sup>	1.5/2.7 m/s <sup>2</sup>
Dry weight without cutting tools	8.1 kg	9.2 kg	9.4 kg

#### STARK series / DSF series backpack/shoulder



The backpack brushcutters are designed to be carried on the shoulders like a backpack, to distribute the weight evenly. They are the ideal tool for professionals seeking a working machine that combines high performance with maximum comfort. These models use an engine housed in a frame and have a longer shaft than the other brushcutters, allowing them to be used even on terrain that is particularly inaccessible or difficult to reach. Thanks to the ergonomic backpack with height-adjustable shoulder straps and lumbar support in breathable material, the operator can enjoy unparalleled freedom for working near ditches, escarpments and undergrowth.



Piston with 2 rings, nickel-plated diecast cylinder, forged connecting rod and crankshaft: all features guaranteed to make the engine extremely rugged and durable.



Innovative Load&Go ExtraLife head with reinforced knob: ensures extremely quick and simple reload, with just 20 seconds needed to rewind the line and resume cutting operations (DSF 5500).



Model **DSF 5500** equipped with an ergonomic metal backpack, designed for enhanced comfort. The integral utility tote can accommodate a line head.



Large-sized paper air cleaner for enhanced filtration capacity and long working times.



		p. 0	Pan C .
Only available in certain markets	STARK 4410 BP	DSF 5500	DSF 5400
Power/Displacement	2.1 HP - 1.6 kW/40.2 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>	3.3 HP - 2.4 kW/51.7 cm <sup>3</sup>
Tube diameter	26 mm	26 mm	26 mm
Grip	single	single	single
Cutting components	130 mm dia. Load&Go head with 3.00 mm dia. line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go ExtraLife head (with metal reinforcement) with 3.00 mm dia. line 255 mm dia. disc with 3 blades
Harness	double integrated with backpack	double professional integrated with backpack	double professional integrated with backpack
Fuel tank capacity	0.75 L	1.20 L	1.30 L
Sound pressure/power level	96.5/107 dB(A)	103.4/113.1 dB(A)	100.4/111 dB(A)
Lh/rh vibration level	1.7/2.1 m/s <sup>2</sup>	2.1/3.4 m/s <sup>2</sup>	5.8/4.9 m/s <sup>2</sup>
Dry weight without cutting tools	9.5 kg	12.5 kg	12.8 kg
		Available while stocks last	



#### Additional tools - Pruner / Adjustable hedgetrimmers

#### Pruner PH 30

Model for home gardens, available with 10" guide bar and chain, adaptable to **DSH 250** and **DSH 2500** brushcutters.

Product number 61469208



#### Pruner EP 125

Professional model for intensive use, available with 1/\*4" guide bar and 12" chain, adaptable to brushcutters with shaft arm diameter of 26 mm (excluding **STARK 25**, **STARK 2500** and **DSH** models).

Part number for version with 12" guide bar 63090077



#### Swivel hedgetrimmers HH 30

For use in home gardens, compatible with **DSH 250** and **DSH 2500** brushcutters and **PTH 2500** pruner.

Product number 61469209



#### Swivel hedgetrimmers EHC 52

Professional model for intensive use, with 50 cm blade, compatible with rigid and backpack brushcutters with shaft arm diameter of 26 mm (excluding **STARK 25**, **STARK 2500** and **DSH** models) and 24 mm. It is particularly suitable for hedge maintenance and can rotate through 270° with numerous fixed positions in between.



#### Hedgetrimmer tip protector

For the **EHC 52** articulating hedge trimmer a tip protector is available (**58050083**) to safeguard the operation of the tool when working near to barriers, metal nets and other obstacles that might otherwise damage the tool. Compatible with models: **EHC 52** (**58059013**), hedge trimmer tool for multifunction brushcutter (**61289121**), 56 V battery-powered shaft hedge trimmer (**54339001**), petrol engine shaft hedge trimmer **DS 2410 HC** (**61379071E5**) and **DS 2410 HCL** (**61379073E5**).



# Additional tools - Pruner / Adjustable hedgetrimmers

				Pruner			Swivel hed	getrimmers	
Machines	Shaft arm outer Ø	Bevel gear Ø	PH 30	EP 120	EP 125	нн 30	EH 48	EH 50	EHC 52
Part number			61469208	63090033B	63090077	61469209	58059012A	58059001B	58059013
		140							
8061	22	M8 male							
8091	22	M8 male							
DSH 250 S / DSH 2500 S	26	M10 male	0			0			
DSH 250 T / DSH 2500 T	26	M10 male							
DSH 250 D / DSH 2500 D	26	M10 male	0			0			
DSH 3100 S	26	M10 male	0			0			
DSH 3100 T	26	M10 male	0			0			
DSH 3100 BP	26	M10 male	0			0			
DSH 4000 S	26	M10 male							
DSH 400 T / DSH 4000 T	28	M10 male							
DSH 400 BP / DSH 4000 BP	26	M10 male							
DSH 5000 S	28	M10 male							
DSH 500 T / DSH 5000 T	32	M10 male							
DSH 5000 BP	26	M10 male							
STARK 25 TR / STARK 2500 TR	22	M8 male							
STARK 2500 S	26	M8 female							
STARK 25 / STARK 2500 T	26	M8 female							
STARK 3810 S	28	M10 male							
STARK 3810 T	28	M10 male							
STARK 4410 S	28	M10 male							
STARK 4410 T	28	M10 male							
STARK 4410 BP	26	M10 male		0	0			0	0
DS 2410 S	24	M10 male					0		0
DS 2410 T	24	M10 male					0		0
DS 2700 S	26	M10 male		0	0			0	0
DS 2700 T	26	M10 male		0	0			0	0
DS 3000 S	26	M10 male		0	0			0	0
DS 3000 T	26	M10 male		0	0			0	0
DS 2410 D	24	M10 male					0		0
DS 3000 D	26	M10 male		0	0			0	0
DS 3500 S	26	M10 male		0	0			0	0
DS 3500 T	28	M10 male							
DS 4000 S	28	M10 male							
DS 4000 T	28	M10 male							
8410	28	M10 male							
8460 IC	28	M10 male							
8460	32	M10 male							
8530	32	M10 male							
8550 BOSS	32	M10 male							
DS 5300 S / DS 5400 S	28	M10 male							
DS 5300 T / DS 5400 T	32	M10 male							
DS 5500 BOSS / DS 5400 BOSS	32	M10 male							
DSF 4300	26	M10 male		0	0			0	0
8465 ERGO	26	M10 male		0	0			0	0
8535 ERGO	26	M10 male		0	0			0	0
	26	M10 male		0	0			0	0







The smart line head: **twenty** seconds to refill, **zero** tools required, **zero** difficulties encountered.

Extra life available with the optional metal reinforced cap.

The pack contains	Ø 103 mm	Ø 110 mm	Ø 130 mm	Ø 130 mm	Technical specifications:
Load&Go head	•	•	•	•	
2.0 mm line	Pro-Silent	-	-	-	- Load&Go easy line refilling system
2.4 mm line	-	Greenline	Greenline	0	- Tap&Go line feed system
3.0 mm line	-	-	Greenline	First	- Interchangeable reinforced aluminium eyelets
M10x1.25 adapter, Ih female thread	•	•	•	•	- Reinforced cap with hex socket*
Plastic knob	•	•	•	0	- Reinforced plastic body
Metal knob	-	-	0	•	

<sup>•</sup> standard equipment o compatible tools

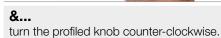
#### Just 20 seconds and 3 simple steps to refill

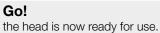




#### Load....

align the eyelets. Insert the line in the head through one eyelet and feed it out through the opposite one until obtaining two tails of identical length.







\* When line thickness and length call for more effort to rewind the line.



Insert the spark plug wrench into the corresponding hex socket.



Turn clockwise.

Ø 103 mm	Knob	Code	Line	Standard adapters	Minimum quantity	Engine
( <b>@</b> )	Plastic	63149002	Ø 2.0 mm	M8x1.25 lh female thread	20	20 – 25 cc
pare parts available	e					
	Knob	63140005R	-	-	5	
8	Reel without line	63140008R	-	-	1	
Ø 110 mm	Knob	Code	Line	Standard adapters	Minimum quantity	Engine
	Plastic	63109001	Ø 2.4 mm	M10x1.25 Ih female thread	20	20 - 30 cc
pare parts available	e					
	Knob	63100007R	-	-	5	
0	Reel without line	63100020R	-	-	1	
Ø 130 mm	Knob	Code	Line	Standard adapters	Minimum quantity	Engine
	Plastic	63129007	Ø 2.4 mm + Ø 3.0 mm	M10x1.25 Ih female thread	20	20 – 55 cc
	Metal	63129014	Ø 3.0 mm	M10x1.25 Ih female thread	20	30 – 55 cc
pare parts available	e					
	Knob	63120007AR	-	-	5	
0	Reel without line	63120020AR	-	-	1	
(E)	Reinforced knob	63120030AR	_	_	5	



Part code

#### Adapters kit for Tap&Go EVO and Load&Go line heads

The case contains 120 adapters (12 type of insert, different in terms of drive pin characteristics and thread pitch). The compatibility table allows fast identification of the type of line head adapter required in accordance with the make and model of brushcutter, guaranteeing total compatibility with the majority of models produced by the various makers and present on the world market. Dealers can re-order the most popular part codes with a minimum quantity of 10 items.

#### Universal with 12-adapter kit case



Tap&Go EVO	Load&	Go with plastic cap, metal	knob and rapid line ref	ill system

Adapters kit

	Complete kit of 12 adapters cor mod	63120021B	- 4	
Spare parts available				
	Standard adapters	Part code	Minimum quantity	
	M8x1.25LHF	63120046	10	
	M10x1LHF	63120047	10	*
	M10x1.5LHF	63120050	10	*
	M12x1.25LHF	63120051	10	LÉ
	M12x1.5LHF	63120052	10	
	M10x1.25LHM	63120048	10	
	M10x1.5LHM	63120049	10	878
	M7x1LHM	63120045	10	7
	3/8-24FLHF	63120054	10	
	M12x1.75LHF	63120053	10	#
	M14x1.5LHF	63120055	10	49
	M8x1.25LHM	63120042R	10	[3
Available without case in 10-piece kits:				
	M10x1.25LHF	63120041R	10	12
	M8x1.25LHF	63120057	10	Ē





	Tap&Go with 2 nylon lines								
				(2)	(2)				
	Ø 105 mm, M8x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 105 mm, M8x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 105 mm, M8x1.25 left hand male shaft thread, anti-clockwise rotation	Ø 109 mm, M8x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 130 mm, M8x1.25 left hand female shaft thread, anti-clockwise rotation				
Part number	60012020A	61062023A	63029008A	63080011A	4199040CR				
				Reel and line	Reel and line				
Part number				63080012R	4199045R				
line diameter	1.65 mm	2.00 mm	2.00 mm	1.60 mm	2.00 mm				
8061	•	2.00	2.00		2.00				
8091	0			•					
DSH 250 S / DSH 2500 S	, and the second								
DSH 250 T / DSH 2500 T									
DSH 250 D / DSH 2500 D									
DSH 3100 S									
DSH 3100 T									
DSH 3100 BP									
DSH 4000 S									
DSH 400 T / DSH 4000 T									
DSH 400 BP / DSH 4000 BP									
DSH 5000 S									
DSH 500 T / DSH 5000 T									
DSH 5000 BP									
STARK 25 TR / STARK 2500 TR		•							
STARK 2500 S			0						
STARK 25 / STARK 2500 T			0						
STARK 3810 S			Ŭ						
STARK 3810 T									
STARK 4410 S									
STARK 4410 T									
STARK 4410 BP									
DS 2410 S									
DS 2410 T									
DS 2700 S									
DS 2700 T									
DS 3000 S									
DS 3000 T									
DS 2410 D									
DS 3000 D									
DS 3500 S									
DS 3500 T									
DS 4000 S									
DS 4000 T									
8410									
8460 IC									
8460									
8530									
8550 BOSS									
DS 5300 S / DS 5400 S									
DS 5300 T / DS 5400 T									
DS 5500 BOSS / DS 5400 BOSS									
DSF 4300									
8465 ERGO									
8535 ERGO									
DSF 5500 / DSF 5400									



		Tap&Go EVO		Tap&Go with 2 nylon line
	Ø 110 mm, M8x1.25 left hand male shaft thread, + M10x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 130 mm, M8x1.25 left hand male shaft thread,+ M10x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 130 mm, M10x1.25 left hand female shaft thread, anti-clockwise rotation	Ø 160 mm, M10x1.25 left hand female shaft thread anti-clockwise rotation
Part number	61469101	61459101	61459103	61112061A
<b>6 (4)</b>	Reel without line	Reel without line	Reel without line	
Part number	61460023	63120010R	63120010R	_
arriamsor	01400020	0012001011	0012001011	-
	Plastic knob	Plastic knob	Plastic knob	Reel and line
art number	61460022	63120011R	63120011R	63032003BR
ne diameter	2.40 mm	2.40 mm	3.00 mm	3.50 mm
061				
8091				
OSH 250 S / DSH 2500 S	•			
OSH 250 T / DSH 2500 T	•			
DSH 250 D / DSH 2500 D	•			
OSH 3100 S	•			
OSH 3100 T	•			
OSH 3100 BP	•			
OSH 4000 S		•	0	
OSH 400 T / DSH 4000 T		•	0	
OSH 400 BP / DSH 4000 BP		•	0	
OSH 5000 S		0	•	
OSH 500 T / DSH 5000 T		0	•	
OSH 5000 BP		0	•	
TARK 25 TR / STARK 2500 TR				
TARK 2500 S		0		
TARK 25 / STARK 2500 T		0		
TARK 3810 S		0	0	
TARK 3810 T		0	0	
TARK 4410 S		0	0	
TARK 4410 T		0	0	
TARK 4410 BP		0	0	
OS 2410 S		0	O	
0S 2410 S 0S 2410 T		0		
0S 2700 S		0		
OS 2700 T		0		
S 3000 S				
		0		
OS 3000 T		0		
OS 2410 D		0		
OS 3000 D		0		
S 3500 S		0	0	
OS 3500 T		0	0	
0S 4000 S		0	0	0
S 4000 T		0	0	0
410		0	0	0
160 IC		0	0	0
160		0	0	0
530		0	0	0
550 BOSS		0	0	•
OS 5300 S / DS 5400 S		0	0	0
OS 5300 T / DS 5400 T		0	0	0
OS 5500 BOSS / DS 5400 BOSS		0	0	•
OSF 4300		0	0	
3465 ERGO		0	0	
B535 ERGO		0	0	
OSF 5500 / DSF 5400		0	0	

<sup>•</sup> standard equipment ocompatible tools





	Universal multi-lir	ne with 4 and 8 lines
	<b>(a)</b>	26
	0.171400	GO JEWO
	Ø 4.7"/120 mm, 4 lines Platin-Cut,	Ø 3.15"/80 mm, 8 four-lobed trimmer lines
	20-25.4 mm boré "Multiline Pro Head" in aluminium	20-25.4 mm hole "superpro" aluminium
Part number	63119003	4180057
0 9	No.	73300
Part number		
		tion, 3.5 mm dia., length 300 mm
Part number	418	0965C
line diameter	3.50 mm	3.50 mm
8061		
8091		
DSH 250 S / DSH 2500 S		
DSH 250 T / DSH 2500 T		
DSH 250 D / DSH 2500 D		
DSH 3100 S		
DSH 3100 T		
DSH 3100 BP		
DSH 4000 S	0	0
DSH 400 T / DSH 4000 T	0	0
DSH 400 BP / DSH 4000 BP	0	0
DSH 5000 S	0	0
DSH 500 T / DSH 5000 T	0	0
DSH 5000 BP	0	0
STARK 25 TR / STARK 2500 TR		
STARK 2500 S		
STARK 25 / STARK 2500 T		
STARK 3810 S	0	0
STARK 3810 T	0	0
STARK 4410 S	0	0
STARK 4410 T	0	0
STARK 4410 BP	0	0
DS 2410 S		
DS 2410 T		
DS 2700 S		
DS 2700 T		
DS 3000 S		
DS 3000 T		
DS 2410 D		
DS 3000 D	_	
DS 3500 S	0	0
DS 3500 T	0	0
DS 4000 S	0	0
DS 4000 T	0	0
8410	0	0
8460 IC	0	0
8460	0	0
8530 8550 BOSS	0	0
DS 5300 S / DS 5400 S	0	
DS 5300 S / DS 5400 S DS 5300 T / DS 5400 T	0	0
DS 5300 1 / DS 5400 1 DS 5500 BOSS / DS 5400 BOSS	0	0
DSF 4300	0	0
8465 ERGO	0	0
8535 ERGO	0	0
DSF 5500 / DSF 5400	0	0
DOF 3300 / DOF 3400	U	U



B   ST   ST   ST   ST   ST   ST   ST		Load&Go with plastic cap, metal knob and rapid line refill system										
### Act work formation and the result and contract extension of the result of the resu		( )										
Red number    Pear   March   March   Pear   March   March   Pear   March   M		left hand female shaft thread,	left hand female shaft thread,	M10x1.25 left hand line Ø 2.40	I female shaft thread, and 3.00 mm,	thread M10x1.25 insert, Ø 3.00 mm line,						
Patrician   Patr	Part number	63149002	63109001	6312	29007	63129014						
Pair number	Part number											
First Humber	Part number											
8081	Part number											
8081	line diameter	2 00 mm	2 40 mm	2 40 mm	3 00 mm	3 00 mm						
8091		2.00 111111	2.40 111111	2.40 111111	3.00 11111	3.00 111111						
DSH 250 7 / DSH 2500 5 DSH 250 0 7 / DSH 2500 0 DSH 250 0 7 / DSH 250 0 7 DSH 25		∩ + 621200E7										
DBH 250 T / DSH 2500 T		O + 63120057										
DSH 3100 S												
DSH 3100 S DSH 3100 T DSH 3100 BP DSH 4000 S DSH 4000 T / DSH 4000 T DSH 4000 F / DSH 4000 BP DSH 4000 S DSH 4000 F / DSH 4000 BP DSH 5000 S DS	DSH 250 T / DSH 2500 T		0									
DSH 3100 T	DSH 250 D / DSH 2500 D		0									
DSH 3100 T			0									
DSH 3100 BP DSH 4000 T OSH 4000 T DSH 400 T OSH 4000 T DSH 400 T OSH 4000 T DSH 400 BP DSH 4000 BP DSH 400 T OSH 4000 BP DSH 5000 S DSH 500 T O DSH 5000 T DSH 5000 BP STARK 2500 S STARK 25 TIX 5TARK 2500 TR STARK 2500 S STARK 25 TIX 5TARK 2500 TR STARK 2500 S STARK 3810 S STARK 3810 S STARK 410 S STARK 410 S STARK 410 BP DS 2410 S O DS 2700 S O DS 2700 T O DS 3000 S DS 3000 T DS 3000 T DS 3000 T DS 3000 S DS 3000 T DS 3000 S DS 3000 S DS 3000 T DS 3000 S DS 3000 T DS 3000 S DS 3000 S DS 3000 T DS 3000 S DS 3000 T DS 3000 S DS 3000 S DS 3000 T DS 3000 S DS 3000 T DS 3000 T DS 3000 S DS 3000 T DS 3000 S DS 3000 T DS 3000 S DS 3000 T DS 3000 T DS 3000 S DS 3000 T DS 3000												
DSH 4000 S DSH 4000 T / DSH 4000 T DSH 4000 F / DSH 4000 BP DSH 5000 S DSH 500 T / DSH 5000 T DSH 5000 S STARK 2500 TS STARK 2500 TS STARK 2500 TS STARK 2500 T STARK 3810 S STARK 2510 T STARK 3410 S STARK 3410 S STARK 3410 T STARK 30 S STARK 3410 T STARK 3410 T STARK 3410 T STARK 3410 T STARK 30 S STARK 3410 T STARK 3410												
DSH 400 T / DSH 4000 T DSH 400 BP / DSH 4000 BP DSH 5000 BP / DSH 4000 BP DSH 5000 S DSH 5001 T / DSH 5000 T DSH 5000 S DSH 5001 T / DSH 5000 T DSH 5000 S STARK 25 TR 5 TARK 2500 T STARK 25 TR 5 TARK 2500 T STARK 25 TR 5 TARK 2500 T STARK 310 S STARK 310 T STARK 310 S STARK 310 T STARK 4110 S STARK 4110			0									
DSH 5000 S					0							
DSH 5000 S DSH 5000 T / DSH 5000 T DSH 5000 BP STARK 2500 TS STARK 2500	DSH 400 T / DSH 4000 T			0	0							
DSH 500 T / DSH 5000 T   DSH 5000 T   DSH 5000 BP   O O O   O   O   O   O   O   O   O	DSH 400 BP / DSH 4000 BP			0	0							
DSH 500 T / DSH 5000 T   DSH 5000 T   DSH 5000 BP   DSH 5000 STARK 2500 T   DSH 5000 T	DSH 5000 S			0	0							
DSH 5000 BP				0	0							
STARK 25 TR / STARK 2500 TR STARK 25 (S												
STARK 2500 S STARK 2500 T STARK 2500 T STARK 3810 S  STARK 3810 T  STARK 4410 S STARK 4410 S STARK 4410 T  STARK 4410 BP  DS 2410 S  DS 2410 S  DS 2700 S  DS 2700 T  DS 2700 T  DS 2700 T  DS 3000 S  DS 3000 T  DS 3000 T  DS 3000 D  DS 3000 S				0	0							
STARK 25 / STARK 250 T STARK 3810 S												
STARK 3810 S STARK 3810 T STARK 4110 S STARK 4410 T STARK 4410 BP STARK 4410 BP DS 2410 S DS 2410 S DS 2410 S DS 2410 S DS 2410 T DS 2700 S DS 2700 S DS 2700 S DS 2700 T DS 200 S DS 2	STARK 2500 S			0								
STARK 4310 T STARK 4410 S STARK 4410 T STARK 4410 BP  DS 2410 S  DS 2410 T  DS 2700 S  DS 2700 S  DS 2700 T  DS 3000 S  DS 3000 T  DS 3000 T  DS 3500 S  DS 3500	STARK 25 / STARK 2500 T			0								
STARK 4310 T STARK 4410 S STARK 4410 T STARK 4410 BP  DS 2410 S  DS 2410 T  DS 2700 S  DS 2700 S  DS 2700 T  DS 3000 S  DS 3000 T  DS 3000 T  DS 3500 S  DS 3500 T  DS 3500 T  DS 3500 S  DS 3500 T  DS 3500 S  DS 3500 T  DS 3500 T  DS 3500 S	STARK 3810 S				•	0						
STARK 4410 T       • • • • • • • • • • • • • • • • • • •					•	0						
STARK 4410 T STARK 4410 BP DS 2410 S O O O O O O O DS 2410 T O O O O O O O O O O O O O O O O O O O												
STARK 4410 BP         ○												
DS 2410 S DS 2410 T DS 2700 S DS 2700 S DS 2700 T DS 3000 S DS 3000 T DS 3000 D DS 3000 D DS 3000 D DS 3000 S DS 3000 T DS 3000 C DS 3000 D DS 3000 D DS 3000 C DS 300					•							
DS 2410 T O O O O O O O O O O O O O O O O O O	STARK 4410 BP				•	0						
DS 2700 S DS 2700 T DS 3000 S DS 3000 S DS 3000 T DS 3000 T DS 2410 D DS 3000 D DS 3000 D DS 3500 S DS 3500 T DS 3500 T DS 4000 S DS 4000 T 8460 IC 8460 C 8460 C 8530 S DS 5300 S DS 530	DS 2410 S	0	0	•								
DS 2700 S DS 2700 T DS 3000 S DS 3000 S DS 3000 T DS 3000 T DS 3000 T DS 3000 D DS 3000 D DS 3000 D DS 3500 S DS 3500 T DS 3500 S DS 4000 S DS 4000 T 8410 C 8460 C 8460 C 8530 S DS 5300	DS 2410 T	0	0	•								
DS 2700 T DS 3000 S DS 3000 T DS 2410 D DS 2410 D DS 3000 D DS 3500 S DS 3500 S DS 3500 T DS 3500 S DS 3500 T DS 4400 S DS 4400 T B410 B410 B410 B410 B410 B410 B410 B410			0	•								
DS 3000 S DS 3000 T DS 2410 D O O O O O O O O O O O O O O O O O O O												
DS 3000 T DS 2410 D DS 3000 D DS 3000 D DS 3500 S DS 3500 S DS 4000 S DS 4000 T  8410 8410 8500 B S500 B S												
DS 2410 D												
DS 3000 D  DS 3500 S  DS 3500 T  DS 4000 S  DS 4000 T  8410 8460 C  8460 C  8530 BOSS  DS 5300 S / DS 5400 S  DS 5300 S / DS 5400 T  DS 5300 S / DS 5400 T  DS 5300 T / DS 5400 T  DS 5500 BOSS / DS 5400 S  DS 5500 BOSS / DS 5400 S  DS 5500 BOSS / DS 5400 S  DS 5500 BOSS / DS 5400 T  DS 5500 BOSS / DS 5400 BOSS  DS 5500 BOSS / DS 5400				•								
DS 3500 S       ○       ●       ○         DS 3500 T       ○       ●       ○         DS 4000 S       ●       ●       ○         DS 4000 T       ●       ○       ●         8410       ○       ●       ○         8460 IC       ●       ○       ●         8460 Q       ●       ○       ○         8530 BOSS       ●       ○       ○         DS 5300 S / DS 5400 S       ●       ○       ●         DS 5300 T / DS 5400 T       ○       ●       ○         DS 5500 BOSS / DS 5400 BOSS       ○       ○       ●         DS 5400 ERGO       ○       ●       ○         8465 ERGO       ●       ○       ●       ○         8535 ERGO       ●       ○       ●       ○	DS 2410 D	0	0	•								
DS 3500 T       ○       ●       ○         DS 4000 S       ●       ●         DS 4000 T       ●       ●         8410       ○       ●       ○         8460 IC       ●       ○       ●       ○         8460       ●       ○       ○       ●         8530       ●       ○       ○       ○       ○         8550 BOSS       ○ <t< td=""><td>DS 3000 D</td><td></td><td>0</td><td>•</td><td></td><td></td></t<>	DS 3000 D		0	•								
DS 3500 T DS 4000 S DS 4000 T 8410 8410 8460 IC 8460 8530 8550 BOSS  DS 5300 S / DS 5400 S DS 5300 T / DS 5400 T DS 5500 BOSS / DS 5400 BOSS DS 5300 S / DS 5400 BOSS DS 5500 BOSS / DS 5400 BOSS	DS 3500 S			0	•	0						
DS 4000 S DS 4000 T 8410 8410 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					•							
DS 4000 T  8410  8460 IC  8460  8530  8550 BOSS  DS 5300 S / DS 5400 S  DS 5300 T / DS 5400 T  DS 5500 BOSS / DS 5400 BOSS  DS 5300 S / DS 5400 BOSS  DS 5500 BOSS / DS 54					•							
8410												
8460 IC 8460 8530 8550 BOSS STATE OF ST												
8460				O	•							
8530					•	0						
8550 BOSS DS 5300 S / DS 5400 S DS 5300 T / DS 5400 T DS 5500 BOSS / DS 5400 BOSS DSF 4300 SF4300 SF4300 SF450 FRGO SF450	8460				•	0						
8550 BOSS DS 5300 S / DS 5400 S DS 5300 T / DS 5400 T DS 5500 BOSS / DS 5400 BOSS DSF 4300 SF4300 SF4300 SF450 FRGO SF450	8530				•	0						
DS 5300 S / DS 5400 S       ○       ●         DS 5300 T / DS 5400 T       ○       ●         DS 5500 BOSS / DS 5400 BOSS       ○       ○         DSF 4300       ○       ●       ○         8465 ERGO       ●       ○         8535 ERGO       ●       ○       ○					0							
DS 5300 T / DS 5400 T       ○       ●         DS 5500 BOSS / DS 5400 BOSS       ○       ○         DSF 4300       ○       ●       ○         8465 ERGO       ●       ○         8535 ERGO       ●       ○												
DS 5500 BOSS / DS 5400 BOSS												
DSF 4300												
8465 ERGO					0							
8535 ERGO • 0	DSF 4300			0	•	0						
8535 ERGO • 0	8465 ERGO				•	0						
					•							
	DSF 5500 / DSF 5400					0						

<sup>•</sup> standard equipment ocompatible tools





		s for grass cutting	0 1000. D.0000	in special steel
			A	A
Part number	4095567BR	4095675BR	4095637BR	4095638BR
	Ø 10"/255 mm, thickness 1.6 mm, bore 25.4 mm	Ø 12"/305 mm, thickness 2.5 mm, bore 25.4 mm	Ø 9"/230 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 1.4 mm, bore 25.4 mm
8061				
8091				
DSH 250 S / DSH 2500 S			0	0
DSH 250 T / DSH 2500 T			0	0
DSH 250 D / DSH 2500 D			0	0
DSH 3100 S			0	0
DSH 3100 T			0	0
DSH 3100 BP			0	0
DSH 4000 S	0	0	0	0
DSH 400 T / DSH 4000 T	0	0	0	0
DSH 400 T7 DSH 4000 T	0	0	0	0
DSH 5000 S	0	0	0	0
DSH 500 T / DSH 5000 T	0	0	0	0
DSH 5000 BP	0	0	0	0
	0	O		0
STARK 25 TR / STARK 2500 TR				
STARK 2500 S			0	0
STARK 25 / STARK 2500 T			0	0
STARK 3810 S				
STARK 3810 T				
STARK 4410 S				
STARK 4410 T		0		0
STARK 4410 BP	0			0
DS 2410 S			0	0
DS 2410 T			0	0
DS 2700 S			0	0
DS 2700 T			0	0
DS 3000 S	0			0
DS 3000 T	0			0
DS 2410 D				
DS 3000 D	0			0
DS 3500 S	0			0
DS 3500 T	0			0
DS 4000 S				0
DS 4000 T		0		0
8410		0		0
8460 IC		0		0
8460		0		0
8530		0		0
8550 BOSS		0		0
DS 5300 S / DS 5400 S		0		0
DS 5300 T / DS 5400 T		0		0
DS 5500 BOSS / DS 5400 BOSS		0		0
DSF 4300		0		0
8465 ERGO		0		0
		0		0
8535 ERGO				

<sup>•</sup> standard equipment ocompatible tools



	3-tooth blades in	n tempered steel	4-tooth blades in tempered steel					
			H					
Part number	4095673BR	4095674BR	4095681AR	4095568BR	4095563BR			
	Ø 10"/255 mm, thickness 1.8 mm, bore 25.4 mm	Ø 12"/305 mm, thickness 2.4 mm, bore 25.4 mm	8"/200 mm dia., thickness 2.0 mm, bore 25.4 mm	Ø 9"/230 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 1.4 mm, bore 25.4 mm			
8061								
8091								
DSH 250 S / DSH 2500 S	0		0	0	0			
DSH 250 T / DSH 2500 T	•		0	0	0			
DSH 250 D / DSH 2500 D	0		0	0	0			
DSH 3100 S								
DSH 3100 T								
DSH 3100 BP								
DSH 4000 S	0	0	0		0			
DSH 400 T / DSH 4000 T	•	0	0		0			
DSH 400 BP / DSH 4000 BP	0		0		0			
DSH 5000 S	•	0	0		0			
DSH 500 T / DSH 5000 T	•	0	0		0			
DSH 5000 BP	•		0		0			
STARK 25 TR / STARK 2500 TR								
STARK 2500 S	0		0	0	0			
STARK 25 / STARK 2500 T	•		0	0	0			
STARK 3810 S	0							
STARK 3810 T	•							
STARK 4410 S	•	0						
STARK 4410 T	•	0			0			
STARK 4410 BP	•				0			
DS 2410 S	•		0	0	0			
DS 2410 T	•		0	0	0			
DS 2700 S	•			0	0			
DS 2700 T	•			0	0			
DS 3000 S	•			0	0			
DS 3000 T								
DS 3000 T				U	0			
					0			
DS 3000 D				0	0			
DS 3500 S	•				0			
DS 3500 T	•	_			0			
DS 4000 S	•	0			0			
DS 4000 T	•	0			0			
8410	•	0			0			
8460 IC	0	0			0			
8460	0	0			0			
3530	0	0			0			
B550 BOSS	0	0			0			
DS 5300 S / DS 5400 S	0	0			0			
DS 5300 T / DS 5400 T	0	0			0			
DS 5500 BOSS / DS 5400 BOSS	0	0			0			
DSF 4300	•	0			0			
8465 ERGO	•	0			0			
8535 ERGO	•	0			0			
DSF 5500 / DSF 5400	•	0			0			

<sup>•</sup> standard equipment ocompatible tools





	8-tooth blades in	n tempered steel	22-tooth blades in tempered steel	60-tooth blades in tempered steel			
	0		0	0	0		
Part number	4095565BR	4095065BR	4095666BR	4095636BR	4095635BR		
	Ø 9"/230 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 1.4 mm, bore 25.4 mm	Ø 8"/200 mm, thickness 1.6 mm, bore 25.4 mm	Ø 9"/230 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 1.4 mm, bore 25.4 mm		
8061							
8091							
DSH 250 S / DSH 2500 S	0						
DSH 250 T / DSH 2500 T	0						
DSH 250 D / DSH 2500 D	0						
DSH 3100 S							
DSH 3100 T							
DSH 3100 BP							
DSH 4000 S							
DSH 400 T / DSH 4000 T							
DSH 400 BP / DSH 4000 BP							
DSH 5000 S							
DSH 500 T / DSH 5000 T							
DSH 5000 BP							
STARK 25 TR / STARK 2500 TR							
STARK 2500 S	0						
STARK 25 / STARK 2500 T	0						
STARK 3810 S							
STARK 3810 T							
STARK 4410 S							
STARK 4410 T	0	0	0	0	0		
STARK 4410 BP		-		0	0		
DS 2410 S	0	0		_			
DS 2410 T	0	0					
DS 2700 S	0						
DS 2700 T	0						
DS 3000 S	0	0					
DS 3000 T	0	0					
DS 2410 D	0	0					
DS 3000 D	0						
DS 3500 D	0	0		0	0		
		0		0	0		
DS 3500 T	0	0		0	0		
DS 4000 S	0	0	0	0	0		
DS 4000 T	0	0	0	0	0		
8410	0	0	0	0	0		
8460 IC		0	0		0		
8460		0	0		0		
8530		0	0		0		
8550 BOSS		0	0		0		
DS 5300 S / DS 5400 S		0	0		0		
DS 5300 T / DS 5400 T		0	0		0		
DS 5500 BOSS / DS 5400 BOSS		0	0		0		
DSF 4300		0			0		
8465 ERGO		0	0		0		
8535 ERGO		0			0		
• standard equipment • compar		0			0		

<sup>•</sup> standard equipment ocompatible tools



	80-tooth blades i	n tempered steel	3-tooth brush blade	Shredder blades with 2 curved teeth in special stee	
	•	•			1
Part number	4095564BR	4095066BR	4095641BR	4095665BR	4095677BR
	Ø 9"/230 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 1.4 mm, bore 25.4 mm	Ø 10"/255 mm, thickness 3.0 mm, bore 25.4 mm	Ø 12"/305 mm, thickness 3.0 mm, bore 25.4 mm	Ø 12"/305 mm, thickness 3.0 mm, bore 25.4 mm
3061					
3091					
OSH 250 S / DSH 2500 S					
OSH 250 T / DSH 2500 T					
OSH 250 D / DSH 2500 D					
OSH 3100 S					
OSH 3100 T					
OSH 3100 BP					
OSH 4000 S			0	0	
DSH 400 T / DSH 4000 T			0	0	
OSH 400 BP / DSH 4000 BP			0		
OSH 5000 S			0	0	
OSH 5000 T / DSH 5000 T			0	0	
OSH 5000 BP			0	<u> </u>	
STARK 25 TR / STARK 2500 TR			O		
STARK 25 16 / STARK 2500 16					
STARK 25 / STARK 2500 T					
STARK 3810 S					
STARK 3810 T			_		
STARK 4410 S			0		
STARK 4410 T	0	0	0		
STARK 4410 BP	0	0	0		
OS 2410 S					
OS 2410 T					
OS 2700 S					
OS 2700 T					
OS 3000 S					
OS 3000 T					
OS 2410 D					
DS 3000 D					
OS 3500 S	0	0			
OS 3500 T	0	0			
OS 4000 S	0	0	0		
OS 4000 T	0	0	0	0	0
410	0	0	0	0	0
460 IC		0	0	•	0
3460		0	0	•	0
530		0	0	•	0
550 BOSS		0	0	•	0
OS 5300 S / DS 5400 S		0	0	•	0
OS 5300 T / DS 5400 T		0	0	•	0
DS 5500 BOSS / DS 5400 BOSS		0	0	•	0
OSF 4300		0	0	0	0
465 ERGO		0	0	0	0
		0	0	0	0
3535 ERGO OSF 5500 / DSF 5400		0	0	0	0

<sup>•</sup> standard equipment ocompatible tools



# **Accessories - Guards**



				PI	astic guare	ds				N	letal guard	ls
						IFF				- Com-		Witten
						-	1	-		1	100	4
Part number	60022007R	4198114CR	61370633	61072044CR	61030198	61450295AR	61380124	61280333	61530186	4174280R	4174279R	61530140
	0002200711		0101000	0.0.200	0.000.00	0.1002007.11	0.000.21	0.20000	0.000.00			61530141
	For 600 W	For 850 W	For	For	For	For <b>DSH-D</b>	For	For	For	Ø 200 metal	Ø 255 metal guard for	Ø 255 for
	electric trimmer	electric trimmer	DS 2410 brushcutters	DS 2700 brushcutters	STARK brushcutters	brushcutters 25/40 cc	38/46/53 cc brushcutters	25/30/34/38 cc brushcutters	DS 5400 brushcutters	guard for 22-tooth blade	60/80-tooth blade	60/80-tooth blades
		ullillici				23/40 00					Diaue	
8061	•											
8091		•										
DSH 250 S / DSH 2500 S						•						
DSH 250 T / DSH 2500 T						•						
DSH 250 D / DSH 2500 D						•						
DSH 3100 S						•						
DSH 3100 T						•						
DSH 3100 BP						•						
DSH 4000 S						•						
DSH 400 T / DSH 4000 T						•						
DSH 400 BP / DSH 4000 BP						•						
DSH 5000 S						•						
DSH 500 T / DSH 5000 T						•						
DSH 5000 BP						•						
STARK 25 TR / STARK 2500 TR					<ul><li>60012008</li></ul>							
STARK 2500 S					•							
STARK 25 / STARK 2500 T					•							
STARK 3810 S							0	•			0	
STARK 3810 T							0	•			0	
STARK 4410 S							0	•			0	
STARK 4410 T							0	•			0	
STARK 4410 BP								•			0	
DS 2410 S			•									
DS 2410 T			•									
DS 2700 S			0	•								
DS 2700 T			0	•								
DS 3000 S								•				
DS 3000 T								•				
DS 2410 D			•									
DS 3000 D			•					•				
DS 3500 S							•				0	
DS 3500 T							•				0	
DS 4000 S							•			0	0	
DS 4000 T							•			0	0	
8410							•			0	0	
8460 IC							•			0	0	
8460							•			0	0	
8530							•			0	0	
8550 BOSS							•			0	0	
DS 5300 S / DS 5400 S							•		• 1	0 2	0 2	01
DS 5300 T / DS 5400 T							•		• 1	O 2	O 2	01
DS 5500 BOSS / DS 5400 BOSS							•		• 1	0 2	0 2	01
DSF 4300								•			0	
8465 ERGO								•			0	
8535 ERGO								•			0	
DSF 5500 / DSF 5400								•			0	
standard equipment     comp	-41-1- 41-	4	DO 5400	0 00 540	0 T DO 540	0.000	0	DO 5000 O	DO 5000 7	. DO 5500 I	0000	

<sup>•</sup> standard equipment • compatible tools 1 only for DS 5400 S, DS 5400 T, DS 5400 BOSS 2 only for BDS 5300 S, DS 5300 T, DS 5500 BOSS

# **Accessories - Harnesses**



	Single	harness	Harness v	with cushion	Double	harness	Professional harness	
	Q	0		F			P	
Part number	4160463AR	60010143R	4179164R	4179172R	61200106R	63050018AR	63070002AR	
	with snap hook	without snap hook	with cushion	with "comfort" cushion	double	double with quick release	professional	
8061		0	0	0				
8091		•	0	0				
DSH 250 S / DSH 2500 S	•	0	0	0				
DSH 250 T / DSH 2500 T	•	0	0	0	0	0		
DSH 250 D / DSH 2500 D	•	0	0	0				
DSH 3100 S	•	0	0	0				
DSH 3100 T	•	0	0	0	0	0		
DSH 3100 BP	•							
DSH 4000 S	•	0	0	0				
DSH 4000 S DSH 400 T / DSH 4000 T	•	J	0	0	● PE00000P	0	0	
					• BF000020R		U	
DSH 400 BP / DSH 4000 BP								
DSH 5000 S	•	0	0	0				
DSH 500 T / DSH 5000 T			0	0	0	0	•	
DSH 5000 BP								
STARK 25 TR / STARK 2500 TR	0	0	0	0				
STARK 2500 S	•	0	0	0				
STARK 25 / STARK 2500 T	•	0	0	0	0	0		
STARK 3810 S	•	0	0	0				
STARK 3810 T					•	0	0	
STARK 4410 S	•	0	0	0				
STARK 4410 T					•	0	0	
STARK 4410 BP								
DS 2410 S	•	0	0	0				
DS 2410 T	0	0	•	0	0	0	0	
DS 2700 S	•	0	0	0				
	0	0	•	0	0	0	0	
DS 2700 T	•	0	0	0	O		U	
DS 3000 S		U	ŭ .		^		^	
DS 3000 T			•	0	0	0	0	
DS 2410 D	•	0	0	0				
DS 3000 D	•	0	0	0				
DS 3500 S	•	0	0	0				
DS 3500 T			0	0	0	0	•	
DS 4000 S	•	0	0	0				
DS 4000 T			0	0	0	0	•	
8410			0	0	•	0	0	
8460 IC	•	0	0	0				
8460							•	
8530							•	
8550 BOSS							•	
DS 5300 S / DS 5400 S	•	0	0	0			-	
DS 5300 T / DS 5400 T				J			•	
DS 5500 BOSS / DS 5400 BOSS							•	
DSF 4300								
8465 ERGO								
8535 ERGO								
DSF 5500 / DSF 5400								

<sup>•</sup> standard equipment ocompatible tools



#### **Accessories - Strimmer lines**









Line	Timo	Diameter	Length (m)	Mini blister	Lenath (m)	Blister pack 1 lb-0.450 kg	Longth (m)	Spool 4 lbs-1.8 kg	Lenath (m)	Spool 17.64 lbs-8 kg	
	Туре	mm	inches	Lengur (m)	Code	Lengur (m)	Code	Length (m)	Code	Lengui (iii)	Code





High quality line composed of a blend of patented raw materials, with aerodynamic spiral cross-section. Slices through the air with minimal resistance, leading to reduced noise and lower vibration levels. Especially suitable for battery-powered or mains machines, this line reduces power absorption whilst ensuring high cutting speed and long life of both the motor and battery.

Technical specifications: ideal for grass and weeds.

		2.0	.080"	15	63040325	126	63040326				
Spiral	spiral	2.4	.095"	15	63040327	78	63040328	351	63040329		
		3,0	.119"	15	63040330	46	63040331				



Top quality line made of co-polymers that assure the maximum resistance to wear and breakage.

Technical specifications: clean and precise cut; ideal for grass, weeds and scrub; high cutting speed

	1 100 mod opposition of the process out, factor, freedom and contact, mg, contact,													
			1.6	.065"	15	63040219A								
			2.0	.080"	15	63040220A								
			2.4	.095"	15	63040221A	87	63040057B	349	63040060A	1560	63042013A		
Gree	nline	round	2.7	.106"	15	63040183A	72	63040180A	280	63040239	1232	63042006A		
			3.0	.119"	15	63040222A	56	63040058C	223	63040061A	1000	63042008A		
			3.5	.139"	12	63040223A	41	63040171B	164	63040172A	736	63042001A		
			4.0	.157"			31	63040255A						



<b>Greenline</b> squ		2.4	.095"	15	63040230A	69	63040236A					
	cauaro	2.7	.106"	15	63040282A	56	63040284A	217	63040285	968	63042007A	
	square	3.0	.119"	15	63040283A	44	63040199B	175	63040202A	784	63042009A	
		3.5	.139"			32	63040200B	129	63040272	576	63042016A	



Professional line composed of two materials that provide high flexibility elevated breaking strength and optimal toughness for high abrasion resistance. More than 30% longer-lasting than conventional lines.

Technical specifications: ideal for grass, weeds, scrub and brushwood, even in the vicinity of stones and walls; high cutting spe-

	recrimed specifications, ideal for grass, weeds, solub and brashwood, even in the vicinity of stories and wais, high cutting speed.													
First		2.4	.095"	15	63040232A	87	63040237A							
	round	3.0	.119"	15	63040281A	56	63040091B	223	63040270	1000	63042012A			
	round	3.5	.139"	12	63040294A	41	63040093B	164	63040265	736	63042015A			
		4.0	.157"			31	63040257A	123	63040259	560	63042010A			



Professional line that guarantees the maximum performance in terms of resistant to abrasion, breakage and sticking; the line has a double layer cross section: the core assures exceptionally high breaking resistance, while the outer sheaf provides wear resistance.

Technical specifications: ideal for grass, weeds, scrub and brushwood, even in the vicinity of stones and walls; high cutting speed.

				•	,	,	,	,		, 0	
Titanium	round	3.0	.119"		56	63040214B	168	63040210A*	1000	63042003A	Г
	round	3.5	.139"		41	63040207B	123	63040211A*	736	63042004A	Г



Professional line with an innovative profile that ensures the maximum cutting performance and top-of-the-range durability of up to 40% longer than conventional lines. Double layer cross section: the core provides very high breakage resistance, while the outer sheath imparts very high wear resistance. Excellent weld resistance to temperatures of up to 280°C.

**Technical specifications:** ideal for grass, weeds, scrub and brushwood, even in the vicinity of stones and walls; high cutting speed. \* Titanium packaging in rolls, weighs 3 lbs – 1.35 kg

Platin-Cut		2.7	.106"	15	63040233A	57	63040241A					
	serrated square	3.0	.119"			44	63040243A	175	63040245			
		3.5	.139"			32	63040250A	128	63040251	632	63042002A	
		4.0	.157"			25	63040261A	99	63040263			



Innovative professional line that guarantees the utmost flexibility and abrasion resistance. Reinforced sawtooth profile for the maximum cutting performance.

**Technical specifications:** clean and precise cut; ideal for scrub, brushwood and undergrowth with diameters up to 12 mm; high cutting speed; quieter than conventional line and safer and more practical than a conventional steel blade.

	cutary operating function and restriction and cutar and cutar and cutar a convention and cutar a												
Saw-Blade	sawtooth	3.0	.139"			37	63040247B						
Gold	Sawtootii	3.5	.157"			27	63040253B	143	63040274				

# **Accessories - Strimmer lines** Recommended displacement Recommended head Recommended application more Tap&Go Load&Go Load&Go Multiline Brushwood, Undergrowth Pavements, electric Tap&Go Tap&Go 22 cc 25 cc 30 cc 35 cc 40 cc 44 cc than Grass Ø 109 Ø 130-160 Ø 103 Ø 105 Ø 110 Ø 130 scrub shrubs 50 cc • •





# Lawnmowers for any grassed area, plus bespoke solutions.

#### Technology and comfort

**Efco** offers a range of machines for mowing different types of grassed areas. The push-type lawnmower was developed for use in confined spaces, where the agility of the machine is more important; in contrast propulsion-type lawnmowers are more suitable for the maintenance of larger size lawns. Our models are diversified also in terms of their technical features so they can meet all possible requirements: cutting height can be independently adjusted on each wheel or adjusted via a centralised control, starting can be manual or electric, and motive power can be provided by a battery, petrol engine or mains power cable. The professional lawnmowers are distinguished by their superior productivity on larger size areas, including irregular terrain, thanks to the steel transmission and front bumper, aluminium wheels, and reinforced deck.



Practical, lever-operated cutting height adjustment system.



Large-size wheels, ideal for even the roughest terrain.



4-cutting device: cutting system that includes mulching, collection and side discharge as standard with deflector for rear discharge.



Metal wheels: maximum strength, even when tackling the most demanding jobs.



Professional grade 3-speed transmission to modulate the ground speed to suit the type of work and the terrain.



The full bag indicator alerts the operator when the grass catcher needs emptying, thus eliminating constant stops to check the level and preventing spillage caused by overfilling.



# Lawnmowers







#### PR series / COMFORT PLUS series compact



Maintenance of the open spaces around your home calls for versatile and practical tools, able to provide durable service and withstand prolonged use over time. The electric lawnmowers are ideal for looking after small and medium size areas. These mowers work efficiently in gardens and grassed areas, allowing simple, functional and low noise grass cutting. Unlike petrol engine models, electric lawnmowers provide a threefold advantage: no need for top-ups, zero pollutant emissions and major reduction in noise levels.



Independent cutting height adjustment on each wheel.



Blade operated by a practical lever on the handlebars.

Home 300 m²



The aluminium deck imparts greater strength and ruggedness to this model.

Home 600-800 m

700-800



	PR 35 S	PR 40 S	LR 44 PE COMFORT PLUS	S LR 48 PE COMFORT PLUS
Deck	ABS	ABS	steel	steel
Electric motor power	1.1 kW	1.3 kW	1.5 kW	1.6 kW
Cutting width	33 cm	38 cm	41 cm	46 cm
Propulsion	push-type	push-type	push-type	push-type
Cutting adjustment	independent	independent	independent	independent
Cutting height	20-36-52 mm	28-44-60 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	25 L	40 L	60 L	60 L
Mulching/Side discharge	not available/not available	not available/not available	not available/not available	not available/not available
Weight	12.2 kg	15.0 kg	21.0 kg	24.0 kg

#10 550 m²



#### **COMFORT** series push-type and self-propelled



**COMFORT** series lawnmowers are an effective solution for home users who need to keep small areas in trim and are looking for petrol engine models that are manoeuvrable and easy to use.



The steel deck imparts greater strength and ruggedness to this model.



EMAK 4-stroke engines, designed using advanced technology that guarantees easy starting and optimum performance, reliability and durability.



Rugged and ergonomic plastic levers completely embracing the handlebar ensure a comfortable and positive grip.



Innovative design wheels mounted on bearings ensure smooth movement of the machine





Deck	steel	steel	steel
Displacement	123 cm <sup>3</sup>	123 cm <sup>3</sup>	123 cm <sup>3</sup>
Engine make/model	Emak K 450 OHV	Emak K 450 OHV	Emak K 450 OHV
Cutting width	41 cm	41 cm	41 cm
Propulsion	push-type	self-propelled (3.6 km/h)	push-type
Cutting adjustment	independent	central	independent
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	60 L	60 L	60 L
Mulching/Side discharge	not available/not available	not available/not available	optional/not available
Weight	24.0 kg	27.4 kg	31.5 kg

#### **COMFORT PLUS series push-type**



25

Push-type lawnmowers are an excellent solution for home users dealing with maintenance of grassed areas no larger than 1,400 m<sup>2</sup> in size. The COMFORT PLUS series of lawnmowers was developed with special attention focused on ergonomics and functional styling. The steel deck imparts greater strength and ruggedness to this model.



Strong and versatile 70 L capacity plastic and fabric grass catcher (assembled without tools) with full-bag indicator.



Innovative design wheels mounted on bearings ensure smooth movement of



Independent cutting height adjustment on each wheel.



Optional mulching kit: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.



















#### LR 44 PB COMFORT PLUS LR 44 PK COMFORT PLUS LR 48 PK COMFORT PLUS LR 48 PBQ COMFORT PLUS

Deck	steel	steel	steel	steel
Displacement	125 cm <sup>3</sup>	139 cm <sup>3</sup>	139 cm <sup>3</sup>	140 cm <sup>3</sup>
Engine make/model	Briggs & Stratton 450E OHV series	Emak K 605 OHV	Emak K 605 OHV	Briggs & Stratton 550E OHV series
Cutting width	41 cm	41 cm	46 cm	46 cm
Propulsion	push-type	push-type	push-type	push-type
Cutting adjustment	independent	independent	independent	independent
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L	70 L	70 L
Mulching/Side discharge	not available/not available	not available/not available	optional/not available	optional/not available
Weight	23.4 kg	24.0 kg	25.4 kg	24.4 kg
				Available while stocks last



#### **COMFORT PLUS series self-propelled**



Self-propelled lawnmowers are the most suitable option for working on sloping lawns with overgrown areas. The main characteristic of self-propelled lawnmowers is the coupling between the wheels and the engine or motor. Thanks to this solution, the machine is accompanied rather than pushed and cutting performance is optimised. The **COMFORT PLUS** series, with single speed propulsion system, is the ideal solution for larger areas and for uneven or gently sloping ground. Also available: **TKE** models with battery starting for smooth and effortless start-up.



The steel deck imparts greater strength and ruggedness to this model.



Rugged and ergonomic plastic levers completely embracing the handlebar ensure a comfortable and positive grip.



The mulching blade supplied as standard and the streamlined deck ensure optimal cutting efficiency and perfect feed to the grass catcher.



Strong and versatile 70 L capacity plastic and fabric grass catcher (assembled without tools) with full-bag indicator.



#### Deck steel steel 139 cm<sup>3</sup> 139 cm<sup>3</sup> Displacement Engine make/model Emak K 605 OHV Emak K 605 OHV Cutting width 41 cm 46 cm Propulsion (speed) self-propelled (3.6 km/h) self-propelled (3.6 km/h) Cutting adjustment central central Cutting height from 28 to 75 mm from 28 to 75 mm 70 L 70 L Grass box capacity Mulching/Side discharge not available/not available optional/not available Weight 28.3 kg

#### **COMFORT PLUS series self-propelled**





Practical, lever-operated cutting height adjustment system.



Innovative design wheels mounted on bearings ensure smooth movement of the machine.



Optional mulching kit: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.

#### LR 48/66110127R



















#### LR 48 TKE COMFORT PLUS LR 48 TBQ COMFORT PLUS LR 48 TBX COMFORT PLUS

Deck	steel	steel	steel
Displacement	166 cm <sup>3</sup>	140 cm <sup>3</sup>	150 cm <sup>3</sup>
Engine make/model	Emak K 655i OHV battery powered electric starting	Briggs & Stratton 550E OHV series	Briggs & Stratton 625EXi OHV series
Cutting width	46 cm	46 cm	46 cm
Propulsion (speed)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)
Cutting adjustment	central	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L	70 L
Mulching/Side discharge	optional/not available	optional/not available	optional/not available
Weight	31.5 kg	28.4 kg	30.6 kg
		Available while stocks last	



#### **COMFORT PLUS series self-propelled**





**TKE** models with Emak engine and rechargeable battery-powered electric starting ensure effortless starting every time. The engine is also equipped with recoil starter.



Optional mulching kit: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.

#### LR 53/66071059R

















#### LR 53 TK COMFORT PLUS LR 53 TKE COMFORT PLUS LR 53 TBX COMFORT PLUS

Deck	steel	steel	steel
Displacement	166 cm <sup>3</sup>	166 cm <sup>3</sup>	150 cm <sup>3</sup>
Engine make/model	Emak K 655 OHV	Emak K 655i OHV battery powered electric starting	Briggs & Stratton 625EXi OHV series
Cutting width	51 cm	51 cm	51 cm
Propulsion (speed)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)
Cutting adjustment	central	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L	70 L
Mulching/Side discharge	optional/not available	optional/not available	optional/not available
Weight	31.8 kg	32.9 kg	31.6 kg

#### **ALLROAD PLUS 4 series self-propelled**



In addition to rear pick-up mode, the **ALLROAD PLUS 4** series includes mulching operation and side discharge as part of the standard package. The single-speed propulsion system or propulsion with variable speed drive (model **VK**) combined with the large size of the wheels, make for smoother progress, even over uneven ground. Also available: **TBXE** and **TKE** models with battery starting for smooth and effortless start-up.



The steel deck imparts greater strength and ruggedness to this model.



Large size wheels (280 mm rear and 200 mm front) with ball bearings for smoother movement and optimal traction on all types of terrain.



"4-cutting device": cutting system that includes mulching, collection and side discharge as standard, with deflector for rear discharge.



Mulching kit as standard: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.

#### LR 48/66110828R



LR 40 TK ALLRUAD PLUS 4	LR 40 TRE ALLRUAD PLUS 4
steel	steel
166 cm <sup>3</sup>	166 cm <sup>3</sup>
Emak K 655 OHV	Emak K 655i OHV battery powered electric starting
46 cm	46 cm
self-propelled (3.6 km/h)	self-propelled (3.6 km/h)
central	central
from 28 to 75 mm	from 28 to 75 mm
70 L	70 L
standard/standard	standard/standard
36.0 kg	36.0 kg
	steel  166 cm³  Emak K 655 OHV  46 cm  self-propelled (3.6 km/h)  central  from 28 to 75 mm  70 L  standard/standard



#### **ALLROAD PLUS 4 series self-propelled**





Mulching kit as standard: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after























#### LR 53 TK ALLROAD PLUS 4 LR 53 TKE ALLROAD PLUS 4 LR 53 TBX ALLROAD PLUS 4

Deck	steel	steel	steel
Displacement	196 cm <sup>3</sup>	166 cm <sup>3</sup>	150 cm <sup>3</sup>
Engine make/model	Emak K 805 OHV	Emak K 655i OHV series battery powered electric starting	Briggs & Stratton 625EXi OHV series
Cutting width	51 cm	51 cm	51 cm
Propulsion (speed)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)
Cutting adjustment	central	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L	70 L
Mulching/Side discharge	standard/standard	standard/standard	standard/standard
Weight	37.4 kg	39.5 kg	34.4 kg

#### **ALLROAD PLUS 4 series self-propelled**





**TBXE** models with Briggs & Stratton engine and rechargeable battery-powered electric starting ensure effortless starting every time.



 $\label{eq:model_VK} \text{Model VK} \text{ is equipped with stepless}$ traction control so that ground speed can be adapted continuously to match the needs of the job.



A front bumper with integrated carry handle increases the level of protection against accidental impact.























#### LR 53 TBXE ALLROAD PLUS 4 LR 53 THX ALLROAD PLUS 4 LR 53 VK ALLROAD PLUS 4

Deck	steel	steel	steel
Displacement	163 cm <sup>3</sup>	166 cm <sup>3</sup>	196 cm <sup>3</sup>
Engine make/model	Briggs & Stratton 675 iS OHV series battery powered electric starting	Honda GCVx 170 OHV	Emak K 805 OHV
Cutting width	51 cm	51 cm	51 cm
Propulsion (speed)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	propulsion with variable speed control (from 2.5 to 4.5 km/h)
Cutting adjustment	central	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L	70 L
Mulching/Side discharge	standard/standard	standard/standard	standard/standard
Weight	37.0 kg	34.0 kg	38.6 kg

**7** ...



#### **ALLROAD ALUMINIUM series self-propelled**



The **ALLROAD ALUMINIUM** models are a paradigm of ruggedness: with their 46 or 51 cm deck in 4 mm gauge diecast aluminium, the structure is designed to withstand impact and corrosion. The high capacity mulching blade and the streamlined shape of the deck assure optimal cutting performance and perfect bag filling, while the wheels with shielded ball bearings allow the machine to progress smoothly over all types of terrain.



4 mm gauge diecast aluminium deck: ensures low weight with high strength and excellent corrosion resistance.



Large size IMPACT series wheels (Ø 280 mm rear and Ø 200 mm front) with shielded ball bearings: guarantee of smoother movement and optimal traction on all types of terrain.



Mulching kit as standard: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.

AR 48/66090147R

AR 53/66060372R



#### AR 48 TK ALLROAD ALUMINIUM AR 53 TK ALLROAD ALUMINIUM AR 53 TBX ALLROAD ALUMINIUM

Deck	aluminium	aluminium	aluminium
Displacement	166 cm <sup>3</sup>	196 cm <sup>3</sup>	163 cm <sup>3</sup>
Engine make/model	Emak K 655 OHV	Emak K 805 OHV	Briggs & Stratton 675EXi OHV series
Cutting width	46 cm	51 cm	51 cm
Propulsion (speed)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	self-propelled (3.6 km/h)
Cutting adjustment	central	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	80 L	80 L	80 L
Mulching/Side discharge	standard/not available	standard/not available	standard/not available
Weight	41.5 kg	42.6 kg	40.9 kg

#### **ALLROAD ALUMINIUM** series self-propelled





Model **VBD** is equipped with stepless traction control so that ground speed can be adapted continuously to match the needs of the job.



Centralised cutting height adjustment device controlled by a rugged and ergonomic handle: offers 5 different height positions that can be selected easily and effortlessly from a minimum of 28 mm to a maximum of 75 mm.













#### AR 53 VBD ALLROAD ALUMINIUM AR 53 THX ALLROAD ALUMINIUM

Displacement  161 cm³  166 cm³  Engine make/model  Briggs & Stratton 750EX OHV series  Honda GCVx 170 OHV  Cutting width  51 cm  51 cm  Self-propelled, variable speed drive (from 2.5 to 4.5 km/h)  Cutting adjustment  Cutting adjustment  Cutting height  Grass box capacity  80 L  Mulching/Side discharge  166 cm³  Honda GCVx 170 OHV  Self-propelled (3.6 km/h)  Self-propelled (3.6 km/h)			
Engine make/model Briggs & Stratton 750EX OHV series Honda GCVx 170 OHV  Cutting width 51 cm 51 cm  Propulsion (speed) self-propelled, variable speed drive (from 2.5 to 4.5 km/h) self-propelled (3.6 km/h)  Cutting adjustment central central  Cutting height from 28 to 75 mm from 28 to 75 mm  Grass box capacity 80 L 80 L  Mulching/Side discharge standard/not available standard/not available	Deck	aluminium	aluminium
Cutting width 51 cm 51 cm 51 cm  Propulsion (speed) self-propelled, variable speed drive (from 2.5 to 4.5 km/h) self-propelled (3.6 km/h)  Cutting adjustment central central  Cutting height from 28 to 75 mm from 28 to 75 mm  Grass box capacity 80 L 80 L  Mulching/Side discharge standard/not available standard/not available	Displacement	161 cm <sup>3</sup>	166 cm <sup>3</sup>
Propulsion (speed)  self-propelled, variable speed drive (from 2.5 to 4.5 km/h)  self-propelled (3.6 km/h)  Cutting adjustment  central  Cutting height  from 28 to 75 mm  from 28 to 75 mm  Grass box capacity  80 L  Mulching/Side discharge  standard/not available  standard/not available	Engine make/model	Briggs & Stratton 750EX OHV series	Honda GCVx 170 OHV
Cutting adjustment central central  Cutting height from 28 to 75 mm from 28 to 75 mm  Grass box capacity 80 L 80 L  Mulching/Side discharge standard/not available standard/not available	Cutting width	51 cm	51 cm
Cutting height from 28 to 75 mm from 28 to 75 mm  Grass box capacity 80 L 80 L  Mulching/Side discharge standard/not available standard/not available	Propulsion (speed)	self-propelled, variable speed drive (from 2.5 to 4.5 km/h)	self-propelled (3.6 km/h)
Grass box capacity 80 L 80 L  Mulching/Side discharge standard/not available standard/not available	Cutting adjustment	central	central
Mulching/Side discharge standard/not available standard/not available	Cutting height	from 28 to 75 mm	from 28 to 75 mm
	Grass box capacity	80 L	80 L
Weight 45.5 kg 41.6 kg	Mulching/Side discharge	standard/not available	standard/not available
	Weight	45.5 kg	41.6 kg



#### **ALUMINIUM PRO series self-propelled**



These machines are ideal for large size spaces of more than 2,000 m², also for continuous use; they ensure unvarying quality standards through time thanks to their technical solutions including the steel transmission, aluminium wheels and reinforced deck. The ergonomic two-piece handlebar allows easy manoeuvring of the mower. The cutting height adjustment system (handy knob in an easily accessible central position) and the plastic and fabric grass catcher (with full bag indicator) are just two of the solutions adopted for the maximum operator comfort.



4 mm gauge diecast aluminium deck: ensures low weight with high strength and excellent corrosion resistance.



Front bumper with integrated carry handle: increases the level of protection against accidental impact.



Metal wheels: maximum strength, even when tackling the most demanding jobs.



Mulching kit as standard: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut.

#### AR 53/66060372R



#### AR 53 TK ALUMINIUM PRO AR 53 VBD ALUMINIUM PRO

Deck	aluminium	aluminium
Displacement	196 cm <sup>3</sup>	161 cm <sup>3</sup>
Engine make/model	Emak K 805 OHV	Briggs & Stratton 750EX OHV series
Cutting width	51 cm	51 cm
Propulsion (speed)	self-propelled (3.4 km/h)	self-propelled, variable speed drive (from 2.5 to 4.5 km/h)
Cutting adjustment	central	central
Cutting height	from 30 to 70 mm	from 30 to 70 mm
Grass box capacity	80 L	80 L
Mulching/Side discharge	standard/not available	standard/not available
Weight	50.1 kg	49.4 kg

#### MR 55 series self-propelled



Extremely rugged and with high load capacity, even on wet grass, these models offer all the features required by groundcare professionals (professional-grade aluminium transmission, 80 I grass catcher and large diameter aluminium wheels). Ideal for large areas (exceeding 2,300 m²) and continuous or intensive use, these models offer exceptional reliability and consistently first-rate performance over time.



Generously sized protections at the front and sides of the aluminium deck.



Centralised cutting height adjustment by means of a practical lever with preset positions.



Optional mulching kit: the grass clippings are broken down into fine particles and released back onto the turf to keep the lawn clean and uniform after each cut (bade + blade hub + plug).

MR 55/8203502AR



	MR 55 TBD	MR 55 TBI	MR 55 HXF
Deck	aluminium	aluminium	aluminium
Displacement	161 cm <sup>3</sup>	190 cm <sup>3</sup>	163 cm <sup>3</sup>
Engine make/model	Briggs & Stratton 750EX OHV series	Briggs & Stratton 850PXi OHV series	Honda GXV 160 OHV
Cutting width	53 cm	53 cm	53 cm
Propulsion (speed)	self-propelled (3.6 km/h)	3 speeds (1ª: 2.2 - 2ª: 3.6 - 3ª: 4.5 km/h)	3 speeds (1ª: 2.2 - 2ª: 3.6 - 3ª: 4.5 km/h)
Cutting adjustment	central	central	central
Cutting height	from 20 to 75 mm	from 20 to 75 mm	from 20 to 75 mm
Grass box capacity	80 L	80 L	80 L
Mulching/Side discharge	optional/not available	optional/not available	optional/not available
Weight	53.3 kg	51.3 kg	63.3 kg



## To take the stress out of gardening, there is now an intelligent solution that works fully autonomously.

#### **Technology and comfort**

Robot mowers are a new garden care solution that is both practical and smart. No need to cut the lawn and dispose of grass clippings thanks to the double-blade cutting technology, grass is finely chopped and deposited on the ground as natural fertiliser. The robots work fully autonomously: once installed, there is no need for further intervention, they return to base independently when recharging is needed. Reduced energy consumption, zero CO<sub>2</sub> emissions. No noise disturbing the surrounding environment and neighbourhood.



The robot automatically detects narrow passages and finds its way even through the narrowest of channels, instead of getting lost or stuck and running out of battery power.



Consistent cutting results over the entire lawn thanks to the possibility of mowing from five different remote start points along the boundary wire, beginning at the charging station.



The digital LED display indicates what the robot is doing and enables faults to be easily eliminated by following the troubleshooting instructions in the app.



Spiral cutting can be used when mowing an area with tall grass: the robot keeps working in this mode until the grass is of equal height.



The **IPX5** rating (degree of protection against water) makes the robots a durable and reliable tool because they can be used even in the most difficult weather conditions. The cutting attachment can be washed directly.



Perceived sound level less than 65 dB(A): enables the robot to work quietly without disturbing you and your neighbours.



### **Robot mowers**





#### Up to 1000 m<sup>2</sup>



The **R 500i** and **R 1000i** robot mowers are the optimal solution for compact gardens and those with obstacles, capable of managing areas up to 500 m² and 1,000 m² respectively. The extremely compact profile and low weight enable them to cut and reach even the most hidden away areas. **Flex Cut** mode detects tall grass when cutting and slows down the travel speed accordingly, rather than speeding up with the disc blade locked, thereby ensuring an even cut.



The robot mower can be controlled directly from a smartphone: receive notifications in the event of problems and send start/park commands.



The Robot mower can be placed in the vertical position for storage or for cleaning the cutting attachment.



Ultrasonic obstacle detection to increase the performance and safety of the robot mower; the sensor (optional) can detect obstacles 10 cm wide and 15-20 cm high in front of the machine.

67040043



The robot mower's firmware is easy to update using OTA (over-the-air) technology.



Pair of metal wheels. **67040045** (R 500i, R1000i) **67040046** (R 2000i)



Out a see Table	Home <500 m²	(1000 m <sup>2</sup>	
Only available in certain markets	R 500i	R 1000i	
Battery	Bi 220 Li-lon (2.0 Ah/20 V)	Bi 250 Li-lon (5.0 Ah/20 V)	
Charging time	60 min	60 min	
Operating time	40 min	100 min	
Cutting system motor speed	3.200 rpm	3.200 rpm	
Guaranteed sound power level	61 dB(A)	61 dB(A)	
Surface area/max. gradient	max 500 m²/36 %	max 1,000 m <sup>2</sup> /36 %	
Cutting height	30 - 40 - 50 - 60 mm	30 - 40 - 50 - 60 mm	
Cutting diameter	18 cm	18 cm	
Dimensions (length x width x height)	562x360x230 mm	562x360x230 mm	
Boundary cable supplied	120 m	150 m	
Weight (including battery)	9.0 kg	9.3 kg	

#### Up to 2000 m<sup>2</sup>



The **R 2000i** robot mower is designed to operate on areas of up to 2,000 m<sup>2</sup>. It can work in any weather conditions, as it is equipped with a rain sensor that puts it into standby mode on request. The automatic cutting height adjustment can be used to vary the travel speed of the robot, optimising its range. **Flex Cut** mode detects tall grass when cutting and slows down the travel speed accordingly, rather than speeding up with the disc blade locked, thereby ensuring an even cut.



The robot mower can be controlled directly from a smartphone: receive notifications in the event of problems and send start/park commands.



The Robot mower can be placed in the vertical position for storage or for cleaning the cutting attachment.



The robot mower cuts along the boundary wire first, in order to cut as close to the lawn edge as possible.



Ultrasonic obstacle detection to increase the performance and safety of the robot; the sensor (optional) can detect obstacles 10 cm wide and 15-20 cm high in front of the machine.

67040043



Battery charger. R 500i, R1000i, R 2000i. **67040044** 

Weight (including battery)



Only available in certain markets	R 2000i	(A
Battery	Bi 250 Li-lon (5.0 Ah/20 V)	
Charging time	120 min	7
Operating time	100 min	
Cutting system motor speed	2.800 rpm	
Guaranteed sound power level	65 dB(A)	
Surface area/max. gradient	max 2,000 m²/36 %	å!
Cutting height	30 - 40 - 50 - 60 mm	
Cutting diameter	22.5 cm	
Dimensions (length x width x height)	613x423x267 mm	
Boundary cable supplied	250 m	

(2000 m

11 kg



#### Healthy soil that breathes and is nourished: for the flourishing development of our lawns.

#### Technology and comfort

Designed and engineered for demanding home users, as well as professional gardeners and groundskeepers, these are the ideal machines for freeing turf of moss and thatch. Lawns should be scarified at least twice during the season, as this will allow the soil to breathe and enable moisture, air and nutrients to reach the roots of the grass, favouring steady and healthy growth.



Sturdy hardened steel spikes (floating on the **SCA 50 H** model), ideal even for the hardest terrain.



Glides perfectly over any surface thanks to the sturdy wheels mounted on bearings (metal bearings on the **SCA 50 H** model).



Reinforced steel deck, designed to withstand even the harshest of conditions.



Height adjustment system with memory enables the machine to be set down quickly at the same height when repositioned.



Fold-down handlebar released by a handy lever, designed to save space during storage.



EURO 5 engines with low environmental impact: compliant with the most stringent anti-pollution regulations.



## **Scarifiers**





#### **SCA** series



Practical and manoeuvrable scarifier for home use in gardens of up to 1000 m²; the ideal tool for use with lawnmowers for turf scarification in preparation for early-season grass cutting, it gets rid of weed, moss and thatch and provides better aeration of the lawn. Also useful prior to grass seeding and fertilisation, enabling better penetration of the soil.



Foldable handlebar to reduce footprint during storage.



Practical working depth adjustment lever. Located on the side of the handlebar, it enables quick and easy adjustment while using the machine.



Rotor comprising 15 fixed blades.



With the optional 40-litre collection bag, fewer stops are needed to empty the contents, and the time and effort expended typically on manual collection can be avoided.

#### 68212000



#### Only available



#### **SCA** series



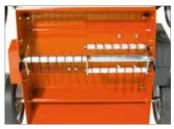
Lawn scarifiers of rugged construction equipped with powerful engines, designed to tackle even the most stubborn of soils with complete confidence. Regular scarifying and mowing will ensure lawns stay lush, green and healthy.



Working depth adjustment spring. Always maintains the preset position.



Metal wheels with ball bearings.



Rotor with 28 floating blades mounted on ball bearings and grease nipple system.



Simplified handlebar fold-down system: when released by a lever located conveniently on one side, the handlebar tilts forward over the deck to save space during storage.



#### Only available in certain markets

in certain markets	SCA 50 H	
Deck	steel	
Displacement	163 cm³ (5.0 HP)	
Engine	Honda GP 160 OHV	
Working width	50 cm	
Blades	28, floating	
Wheels	diameter 210-250 mm, metal with bearings	
Working depth	0-15 mm, adjustable with memory	
Dimensions	120x82x102 cm	
Weight	65 kg	



## A clean and powerful cut for taming wild and wooded terrain.

#### **Technology and comfort**

**Efco** wheeled brushcutters are ideal machines for heavier workloads that involve cutting down and removing long, thick grass, clearing undergrowth or mowing along verges and the banks of ditches. The large wheels, combined with the propulsion system with variable speed drive or gears, ensure effortless progress even in inaccessible areas, enhancing operator comfort.



**DEB 517**, **519** and **5159** models equipped with a differential that acts on the two rear wheels and a 360° swivelling front wheel to allow a tight turning radius and greater manoeuvrability on any terrain.



Devices such as the variable speed drive (**DEB 5159**) and the 3-speed gearbox (**DEB 529**) enable the operator to adapt the travel speed according to the type of terrain and the gradient.



Reinforced steel cutting decks, with large discharge area for release of cut material.



Centralised cutting height adjustment controlled by means of a handy lever located on the handgrip, affording maximum comfort for the operator.



Reinforced blade for effective cutting action even on thicker vegetation, brambles or undergrowth.



Reinforced mulching blades for effective cutting action even on thicker vegetation, brambles or undergrowth.



## Wheeled brushcutters







#### **DEB** series



Compact and manoeuvrable, this model is the ideal workmate for demanding home users and smallholders who need to clear small to medium-sized areas infested with weeds, scrub or other types of invasive vegetation.







Sturdy side discharge in steel.



Removable and pivoting front wheel.



#### Only available



in certain markets	DEB 517	
Deck	steel	
Displacement	173 cm <sup>3</sup> (4.3 HP)	
Engine	RATO RV 170	
Gear speeds	1 forward speed	
Speed	2.8 km/h	
Cutting width	51 cm	
Wheels	diameter 200-420 mm with single front wheel in plastic	
Cutting height adjustment	centralised, 4 positions (adjustable from handgrip)	
Cutting height	55-70-90-110 mm	
Weight	52 kg	



#### **DEB** series



Characterised by high strength and, at the same time, compact and manoeuvrable, these models are the ideal workmates for smallholders who need to clear medium-sized areas infested with weeds, scrubs or other invasive vegetation.



Cutting height adjustment through 4 positions, quick and convenient thanks to its positioning.



High-performance cutting system, suitable for any type of grass or scrub.



Double lockable front wheel, offers stability and strength even on uneven surfaces.







in certain markets	DEB 519	
Deck	steel	
Displacement	225 cm³ (5.3 HP)	
Engine	RATO RV 225	
Gear speeds	1 forward speed	
Speed	2.8 km/h	
Cutting width	51 cm	
Wheels	diameter 200-420 mm with double front wheel in plastic	
Cutting height adjustment	centralised, 4 positions (adjustable from handgrip)	
Cutting height	55-70-90-110 mm	
Weight	54 kg	

Only available

#### **DEB** series



Powerful professional models, designed for produce growers with heavy and constant workloads to manage. These machines are also ideal for landscaping contractors working on dense vegetation, with release of green waste to the ground.



Handlebar with vertical and horizontal adjustment using the handlebar-mounted lever.



Variable gear shift system (**DEB 5159**).



Cutting deck with front opening to help tackle scrub and tall vegetation (**DEB 529**).



	SIGITO <4000 m²	Sulatua < 2000 m,	4
Only available in certain markets	DEB 5159	DEB 529	
Deck	steel	steel	7
Displacement	225 cm <sup>3</sup> (5.3 HP)	225 cm³ (5.3 HP)	
Engine	RATO RV 225	RATO RV 225	
Gear speeds	7 variable speeds	2 forward speeds – 1 reverse	
Speed	2 – 4.2 km/h	2.6 – 3.3 km/h in forward drive	
Cutting width	51 cm	52 cm	
Wheels	diameter 200-370 mm with single front wheel in metal	3.50x6" tyred wheels with anti-puncture liquid	
Cutting height adjustment	centralised, 4 positions (adjustable from handgrip)	2 positions, adjustable by means of spacers	
Cutting height	55-70-90-110 mm	52-75 mm	
Weight	62 kg	75 kg	



# All the power you need to tackle overgrown areas and woodland undergrowth, powerful cutting with no half measures.

#### **Technology and comfort**

**Efco** flail mowers guarantee exceptional cutting quality, including when tackling dense and thick-stemmed vegetation or medium diameter brushwood. Typified by high strength and cutting power, as well as superior operator comfort, these machines ensure that professional jobs of this kind can be completed swiftly and efficiently.



The cutting unit rotor, mounted on reinforced and shielded bearings, ensures the entire assembly is balanced and resistant to impact.



Ergonomic control levers (wheel lock release, brakes and gears) neatly arranged within easy reach.



Service and parking brake engages automatically when the clutch is disengaged, preventing accidental dangerous movements.



Large size rear wheels ensure smooth progress even in the presence of depressions and irregularities in the terrain.



Propulsion system with oscillating tracks that adapt to various types of terrain (**TR** models).



Easy cutting height adjustment by means of a worm screw lever.



## Flail mowers







#### **DR** series



Compact and high-performance model, designed for home gardeners and grounds maintenance contractors. Grass, shoots, low vegetation and scrub are the ideal working environment. The compact dimensions of the rotor unit make this machine highly manoeuvrable in confined spaces and when moving between work areas. No terrain is off-limits thanks to the large tyred wheels. A versatile machine that easily adapts to different types of environments and shredding tasks.



Cutting unit rotor supported by reinforced bearings and shields, resulting in a machine that is perfectly balanced and resistant to accidental knocks.



Handlebars adjustable vertically and horizontally by means of a comfortable handgrip positioned at the end of the steering column.



Generously sized tyred wheels (4.00-8") to ensure excellent grip on the ground.



Cutting height adjustment by means of a worm screw lever. Finely adjustable from 20 to 80 mm.



#### Only available in certain markets

#### DD EU KOUUH

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Displacement	182 cm³	
Engine make/model	Emak K 800 H	
Cutting width	50 cm - 26 blades 'Y' shaped	
Transmission	3 forward speeds + reverse	
Cutting height adjustment	centralised (20 - 80 mm)	
Handlebar adjustment	vertical and horizontal	
Wheels	4.00x8" + 2 swivel with lock	
Speed	1st: 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h	
Dimensions	1560x670x1185 mm	
Weight	135 kg	



#### **DR** series



Flail mowers for intensive jobs are designed for work on grass, shoots, branches, low vegetation, scrub and stubble. They respond effectively to demanding applications such as uncultivated scrubland, roadside verges, brambles and undergrowth. The professional cutting unit with 38 Y-shaped flail blades offers excellent cutting quality. The pivoting and lockable front wheels make it possible to maintain the required cutting trajectory even on irregular surfaces. Technology paired with ergonomics: these models have comfortable handlebars with height and width adjustment, and the wheel release, brakes and gear control levers are all grouped together and within easy reach.



Independent steering clutches on the driving wheels with wheel locking function, making the machine extremely easy to manoeuvre.



The handlebars have 4 vertical adjustment positions and 5 horizontal adjustment positions.



Rotor with powerful and sturdy 'Y' shaped knives to cut and shred grass and clippings efficiently with no risk of impact or damage.



The gear selection lever on the handlebar is simple to operate.



Only available	
in certain markets	

in certain markets	DR 65 K1100H DR 65 HR11		
Displacement	302 cm <sup>3</sup>	389 cm <sup>3</sup>	
Engine make/model	Emak K 1100 H	Honda GX 340	
Cutting width	65 cm - 38 blades	65 cm - 38 blades	
Transmission	3 forward speeds + reverse	3 forward speeds + reverse	
Cutting height adjustment	centralised (20 - 80 mm)	centralised (20 - 80 mm)	
Handlebar adjustment	4 height settings + 5 width settings	4 height settings + 5 width settings	
Wheels	2 + 2 pivoting with brake	2 + 2 pivoting with brake	
Speed	1 <sup>st</sup> : 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h	1 <sup>st</sup> : 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h	
Dimensions	1657x1092x814 mm	1657x1092x814 mm	
Weight	160 kg	173.5 kg	

#### **DR** series



Professional flail mowers are designed for professional and intensive work on grass, shoots, twigs and low vegetation, scrub and stubble. They respond effectively to heavy-duty applications that are beyond the reach of conventional mowers, such as clearing of overgrown areas, roadside verges, steep slopes, brambles and undergrowth. The professional cutting unit offers exceptional cutting quality, while the tracked propulsion system fitted on model DR 100 TR, together with the pivoting and lockable front wheels, help to maintain the desired cutting trajectory even on irregular surfaces.



Independent steering clutches on the driving wheels with wheel locking function, making the machine extremely easy to manoeuvre.



Pivoting front wheels, lockable from the driving position.



Rotor with powerful and sturdy 'Y' shaped knives to cut and shred grass and clippings efficiently with no risk of impact or damage.



Tracked propulsion system, oscillating on the vertical plane (80 TR, 100 TR).







Pare Pare	Para Para	Pro	Pare Pare
DR 80	DR 80 TR	DR 100	DR 100 TR
389 cm <sup>3</sup>	389 cm <sup>3</sup>	389 cm³ (Honda) 429 cm³ (Kohler)	389 cm³ (Honda) 429 cm³ (Kohler)
Honda GX 340 Honda GX 340 ALPIN	Honda GX 390 Honda GX 390 ALPIN	Honda GX 390 Honda GX 390 ALPIN Kohler CH 440	Honda GX 390 ALPIN Kohler CH 440
80 cm - 46 blades	80 cm - 46 blades	100 cm - 58 blades	100 cm - 58 blades
3 forward speeds + reverse	3 forward speeds + reverse	3 forward speeds + reverse	3 forward speeds + reverse
centralised (20 - 80 mm)	centralised (20 - 80 mm)	centralised (20 - 80 mm)	centralised (20 - 80 mm)
4 height settings + 5 width settings	4 height settings + 5 width settings adjustable via handlebars	4 height settings + 5 width settings adjustable via handlebars	4 height settings + 5 width settings adjustable via handlebars
2 wheels (16 – 6.50/8") + 2 swivel wheels lockable via handlebars + steering brakes + parking brake	tracks + 2 swivel wheels lockable via handlebars + steering brakes + parking brake	2 wheels (18 – 9.50/8") + 2 swivel wheels lockable via handlebars + steering brakes + parking brake	tracks + 2 swivel wheels lockable via handlebars + steering brakes + parking brake
1 <sup>st</sup> : 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h	1 <sup>st</sup> : 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h	1 <sup>st</sup> : 1.4 - 2 <sup>nd</sup> : 2.5 - 3 <sup>rd</sup> : 3.9 Rev: 1.6 km/h	1 <sup>st</sup> : 1.2 - 2 <sup>nd</sup> : 2.2 - 3 <sup>rd</sup> : 3.4 Rev: 1.4 km/h
1657x1092x964 mm	1657x1092x964 mm	1660x1220x1355 mm	1660x1220x1355 mm
175 kg	215 kg	203 kg	245 kg



# Tackle any lawn with comfort and power at the wheel of an **Efco** garden tractor.

#### **Technology and comfort**

A garden tractor is an invaluable helpmate for the management of large size gardens, grounds and public spaces. In situations of this type, the use of an agile and powerful garden tractor can make all the difference. Rugged and exceptionally manoeuvrable, **Efco** garden tractors are equipped with agile steering systems that allow them to negotiate even the tightest turns. The ease of manoeuvring in the proximity of trees and shrubs makes for greater precision and speed for lawn finishing operations. The **Efco** models are designed to adapt their progress to match the type of terrain. Equipped with hydrostatic transmission that enables the speed to be controlled by depressing a pedal, without having to stop the machine, or with mechanical lever transmission (model **EF 86 R/12,5 K M**). The different engine types, either single-cylinder or twin-cylinder, offer different power outputs depending on the model, to suit the surface area and the type of surface to be cut.



"4-cutting device": versatile cutting system that includes mulching, collection and side discharge as standard, with deflector for rear discharge.



The electromagnetic clutch engages quickly and quietly by way of a handy dash-mounted button.



The cruise control function allows you to set a constant ground speed and thereby get the job done more efficiently.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.



Front axle cast in steel to withstand even the heaviest of duties and resist accidental impact.



Mulch/collect "Change over" system: using a handy lever, the operator can close off the collection duct and switch automatically to mulching mode, without stopping.



### **Garden Tractors**





#### **Rider Mowers**



Rider mowers are designed to manage small and medium sized lawns of up to 4,000 m². Small and compact, with engine power of up to 13 HP, the rider mowers are designed to move with ease and precision around gardens with a large number of trees, bushes and other obstacles. Several models are convertible for mulching operation, while the 4-cutting device model can be set up for side clippings discharge by fitting a deflector, supplied as standard. Rider mowers offer a comfortable and safe driving experience in all situations and on all types of terrain.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.



The telescopic bag emptying lever positioned within easy reach of the driver's seat allows the operator to tip and empty the full bag effortlessly and without twisting the body.



The electromagnetic clutch is engaged quickly and quietly by way of a handy dash-mounted button.



The garden tractor can be stored in a vertical position over winter to save space.



	ZEPHTH 12/12,3 K H	ZEPHIN 12/13 H
Displacement	413 cm <sup>3</sup>	344 cm <sup>3</sup>
Engine make/model	Emak K 1250 AVD	B&S Powerbuilt 3125E AVS series
Cutting width/Number of blades	72 cm/1	72 cm/1
Cutting height	30-80 mm, 7 positions	30-80 mm, 7 positions
Propulsion	hydrostatic	hydrostatic
Speed	from 0 to 8.6 km/h in forward drive from 0 to 3.2 km/h in reverse	from 0 to 8.6 km/h in forward drive from 0 to 3.2 km/h in reverse
Turning radius	45 cm	45 cm
Bag capacity	180 L	180 L
Overall dimensions	198x73x110 cm	198x73x110 cm
Mulching/Side discharge	optional/optional	standard/standard
Weight	192 kg	192 kg

#### Side-discharge



Side-discharge garden tractors are ideal for areas up to 8,000 m². Thanks to a kit that is extremely simple to fit, some models can be converted to incorporate a mulching function: this system keeps the cut grass circulating for an extended period, shredding it underneath the deck and then depositing it directly onto the ground to provide the lawn with previous nutrients. They are available with 5-speed manual transmission or pedal-operated hydrostatic transmission; the **109 L** model can also be fitted with a twin-cylinder engine providing the power and torque to cope with even the most demanding conditions.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height, selected from among 7 positions.



The electromagnetic clutch is engaged quickly and quietly by way of a handy dash-mounted button.



The quick-fit "Deck Wash System" connector on the mowing deck makes it possible to direct water inside the deck for quick and easy cleaning of the cutting mechanism.



Generously sized front bumper in steel for high strength and resistance in the case of accidental impact.



EF 99 L/12,5 K M	EF 99 L/14,5 K	EF 109 L/16 K	EF 109 L/19 K V
413 cm <sup>3</sup>	432 cm <sup>3</sup>	452 cm <sup>3</sup>	586 cm <sup>3</sup>
Emak K 1250 AVD	Emak K 1450 AVD	Emak K 1600 AVD	Emak K 1900 AVD V-Twin
98 cm/2	98 cm/2	108 cm/2	108 cm/2
30-90 mm, 7 positions	30-90 mm, 7 positions	30-90 mm	30-90 mm, 7 positions
mechanical (5 forward speeds + reverse)	hydrostatic	hydrostatic	hydrostatic
from 1.6 to 7.5 km/h in forward drive 2.5 km/h in reverse	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse
45 cm	45 cm	45 cm	45 cm
172x129x110 cm	172x129x110 cm	172x139x110 cm	172x139x110 cm
standard/standard	standard/standard	standard/standard	standard/standard
172 kg	169 kg	170 kg	175 kg





Rear-discharge garden tractors with cutting width of 86 cm combine strength, reliability and compactness with high load capacity. Designed for areas up to 4,000 m², they are equipped with an electromagnetic clutch for cutter blade engagement and a cutting width of 84 cm, making them ideal for mowing and collecting clippings in confined spaces. Available in two configurations: with mechanical gear transmission or pedal-operated hydrostatic transmission. They can be configured for grass cutting collection using the 300-litre grass catcher, for discharging from the rear, or for the mulching function. Battery charger and towing hitch are supplied as standard.



The quick-fit "Deck Wash System" connector on the mowing deck makes it possible to direct water inside the deck for quick and easy cleaning of the cutting attachment.



Generously sized front bumper in steel for high strength and resistance in the case of accidental impact.



LED headlights with daytime function ensure high visibility even in low light conditions.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.

















Only available		
in certain markets	EF 86 R/12,5 K M	EF 86 R/14,5 K
Displacement	413 cm <sup>3</sup>	432 cm <sup>3</sup>
Engine make/model	Emak K 1250 AVD	Emak K 1450 AVD
Cutting width/Number of blades	86 cm/2	86 cm/2
Cutting height	30-90 mm, 7 positions	30-90 mm, 7 positions
Propulsion	mechanical (5 forward speeds + reverse)	hydrostatic
Speed	from 1.6 to 7.5 km/h in forward drive 2.5 km/h in reverse	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse
Turning radius	45 cm	45 cm
Bag capacity	300 L	300 L
Overall dimensions	250x96x110 cm	250x96x110 cm
Mulching/Side discharge	standard/not available	standard/not available
Weight	190 kg	190 kg



Rear-discharge garden tractors with cutting width of 92 cm combine compactness and reliability with high load capacity. Designed for areas up to 5000 m², they are equipped with hydrostatic transmission and electromagnetic clutch for cutter blades engagement, with mulch cutting option. They can be configured for grass cutting collection using the high-capacity grass catcher (up to 310 litres), for discharging to the rear, or for distributing the chopped cuttings (mulching function). The **92 R** model can be fitted with a twin-cylinder engine providing the power and torque to cope with even the most demanding conditions.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.



Generously sized front bumper in steel for high strength and resistance in the case of accidental impact.

< 5000 m²



The cutting blades are activated simply by pushing the electromagnetic clutch control button located on the dashboard. This system engages the blade with no kickback.



Small turning radius for agile cornering around ornamental plants or shrubs without having to perform awkward reversing or repositioning manoeuvres.

< 5000 m<sup>2</sup>



Out and take		o o (real)	3 O (1891)
Only available in certain markets	EF 92 R/16 K	EF 92 R/19 K V	EF 92/16 K H
Displacement	452 cm <sup>3</sup>	586 cm <sup>3</sup>	452 cm <sup>3</sup>
Engine make/model	Emak K 1600 AVD	Emak K 1900 AVD V-Twin	Emak K 1600 AVD
Cutting width/Number of blades	92 cm/2	92 cm/2	92 cm/2
Cutting height	30-90 mm, 7 positions	30-90 mm, 7 positions	20-80 mm, 6 positions
Propulsion	hydrostatic	hydrostatic	hydrostatic
Speed	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 8.8 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 7.0 km/h in reverse
Turning radius	45 cm	45 cm	80 cm
Bag capacity	300 L	300 L	300 L
Overall dimensions	250x99x110 cm	250x99x110 cm	248x95x112 cm
Mulching/Side discharge	standard/not available	standard/standard	optional/not available
Weight	192 kg	196 kg	255 kg





Rear-discharge garden tractors with cutting width of 95 and 102 cm combine compactness and reliability with high load capacity. Designed for areas up to 7000 m², they are equipped with hydrostatic transmission and electromagnetic clutch for cutter blades engagement, with mulch cutting option. They can be configured for grass cutting collection using the high-capacity grass catcher (up to 310 litres), for discharging to the rear, or for distributing the chopped cuttings (mulching function).



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.



Comfortable driving position thanks to the seat, which can be adjusted directly from the driver's seat, for optimal setting to suit the operator's height (95/16 K).



The cutting blades are activated simply by pushing the electromagnetic clutch control button located on the dashboard. This system engages the blade with no kickback.



Emak K 1900 AVD 586cc V-twin engine with power and torque capable of tackling even the most demanding mulching, cutting and collection conditions (102 R/19 KV).



102 R/19 K V
00 AVD V-Twin
7 positions
.8 km/h in forward drive .5 km/h in reverse
10 cm
ot available

195 kg

230 kg

Weight



Rear-discharge garden tractors with cutting width of 102 and 105 cm combine strength and reliability with high cutting and load capacity. Designed for areas up to 7000 m², they are equipped with hydrostatic transmission and electromagnetic clutch for cutter blades engagement, with mulch cutting option. They can be configured for grass cutting collection using the high-capacity grass catcher (up to 320 litres), for discharging to the rear, or for distributing the chopped cuttings (mulching function).



The quick-fit "Deck Wash System" connector on the mowing deck makes it possible to direct water inside the deck for quick and easy cleaning of the cutting mechanism (106).



Comfortable driving position thanks to the seat, which can be adjusted directly from the driver's seat to suit the operator's height.



The cutting blades are activated simply by pushing the electromagnetic clutch control button located on the dashboard. This system engages the blade with no kickback.



Generously sized front bumper in steel for high strength and resistance in the case of accidental impact.



EF 105/16 K	EF 106/16 K H	EF 106/22 H	EF 106/24 K H
452 cm <sup>3</sup>	452 cm <sup>3</sup>	656 cm <sup>3</sup>	708 cm <sup>3</sup>
Emak K 1600 AVD	Emak K 1600 AVD	B&S Professional V-Twin 7220PXi series	Emak K 2400 AVD V-Twin
105 cm/2	102 cm/2	102 cm/2	102 cm/2
30-90 mm, 7 positions	30-95 mm, 7 positions	30-95 mm, 7 positions	30-95 mm, 7 positions
hydrostatic	hydrostatic	hydrostatic	hydrostatic
from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 4.5 km/h in reverse
75 cm	40 cm	40 cm	40 cm
310 L	320 L	320 L	320 L
251x117x100 cm	242x106x116 cm	242x106x116 cm	242x106x116 cm
standard/not available	optional/not available	optional/not available	optional/not available
240 kg	272 kg	278 kg	278 kg





Rear-discharge garden tractors equipped with powerful twin-cylinder engines (Emak and B&S) and cutting width of 122 cm (models **124**) and 125 cm (model **125**) are particularly suited to areas up to 9,000 m<sup>2</sup>. They are equipped with hydrostatic transmission, electromagnetic clutch for blade engagement and a large grass catcher with a capacity of over 300 litres. The mulching kit, which is a standard feature on the 125 model, chops up grass and deposits it on the ground to act as a fertiliser.



Practical cutting height adjustment with a conveniently positioned lever, with a graduated scale to show the cutting height at a glance.



The towing hitch, fitted as standard, makes the machine even more versatile, allowing it to tow a trailer or lawn roller.



Generously sized front bumper in steel for high strength and resistance in the case of accidental impact.



The **125** model includes cruise control as standard, allowing you to set a constant ground speed and thereby get the job done more efficiently.



Only available
in certain markets

in certain markets	EF 124/22 H	EF 124/24 K H	EF 125/22 V
Displacement	724 cm <sup>3</sup>	708 cm <sup>3</sup>	656 cm <sup>3</sup>
Engine make/model	B&S Professional V-Twin 7220PXi series	Emak K 2400 AVD V-Twin	B&S V-Twin Intek 7220 OHV series
Cutting width/Number of blades	122 cm/2	122 cm/2	125 cm/2
Cutting height	25-90 mm, 7 positions	25-90 mm, 7 positions	30-90 mm, 7 positions
Propulsion	hydrostatic	hydrostatic	hydrostatic
Speed	from 0 to 9.0 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 4.5 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse
Turning radius	50 cm	50 cm	70 cm
Bag capacity	380 L	380 L	310 L
Overall dimensions	264x127x129 cm	264x127x129 cm	251x119x130 cm
Mulching/Side discharge	optional/not available	optional/not available	standard/not available
Weight	293 kg	298 kg	275 kg

#### **All-terrain**



Sturdy and reliable, professional all-terrain garden tractors are suitable for large areas up to 10,000 m². They are designed for clearing and tidying overgrown areas with thick vegetation and on uneven and sloping ground where pick-up is not required. These garden tractors are equipped with various devices to facilitate the work of the operator, such as hydrostatic transmission with lever or pedal operation for control of travel direction and speed, the self-locking differential and the cutter drive electromagnetic clutch. Cruise Control is standard on all models, operated using a lever on the **TUAREG** and a button on the **TONKAWA**, and enable the garden tractor to maintain a constant travel speed while working.



Self-locking differential for the maximum traction in all conditions of terrain and gradient.



The sturdy metal footrest stands up to even the most intensive of jobs, offering a better driving position.



Equipped as standard with roll bar, front and rear bumpers, side guards and seat belt to ensure maximum safety, even when tackling the most complex situations (TONKAWA).



110 cm cutting deck with 3 rotors and 6 mulching blades for finely chopping all types of grass and shrubs (**TONKAWA**).



#### Only available in certain markets

#### TUAREG 92 PRO 2WD TUAREG 92 PRO 4WD TONKAWA 110 4x4

Displacement	627 cm <sup>3</sup> 708 cm <sup>3</sup>	627 cm <sup>3</sup> 708 cm <sup>3</sup>	627 cm <sup>3</sup>
Engine make/model	B&S Vanguard V-Twin Emak K 2400 AVD V-Twin	B&S Vanguard V-Twin Emak K 2400 AVD V-Twin	B&S Vanguard V-Twin
Cutting width/Number of blades	92 cm/1 (with 2 floating blades)	92 cm/1 (with 2 floating blades)	110 cm/3
Cutting height	50-100 mm, 5 positions	50-100 mm, 5 positions	40-120 mm, 4 positions
Propulsion	hydrostatic self-locking differential	hydrostatic 4 WD self-locking differential	hydrostatic 4 WD self-locking differential
Speed	from 0 to 9.0 km/h in forward drive from 0 to 6.0 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 6.0 km/h in reverse	from 0 to 9.0 km/h in forward drive from 0 to 5.0 km/h in reverse
Turning radius	76 cm	76 cm	73 cm
Overall dimensions	219x103x145 cm	219x103x145 cm	235x116x174 cm
Mulching/Side discharge	optional/not available	optional/not available	optional/not available
Weight	322 kg	349 kg	401 kg

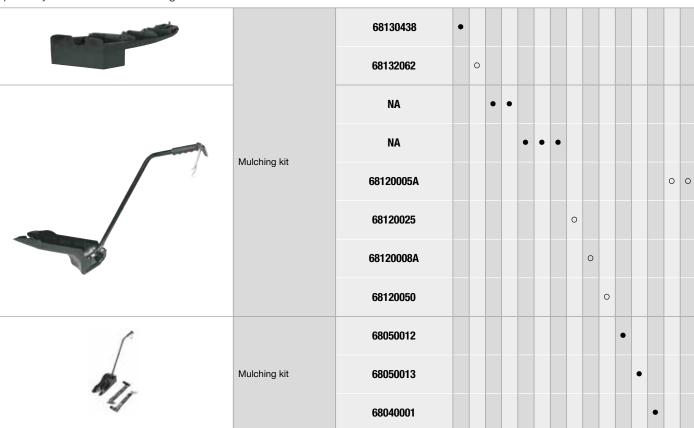




Part number	Machines											
	72/12,5 K H	110 4x4										
	ZEPHYR 72/13 ZEPHYR 72/12 99 L 109 L 109 L 92 R 102 R 102 R 102 B 95 106 124 105 115	TONKAWA 110 4x4										

#### Mulching kit

This kit serves to shred grass cuttings into very fine particles and distribute them around the base of the grass stems, leaving a perfectly clean lawn and ensuring a clean and uniform cut.



#### Discharge deflectors

To discharge the grass cuttings onto the lawn surface when working.

<b>L</b> .		68130404	0	0											
	Rear deflector	68120003							0	0	0				
	neal dellector	68050011										0	0	0	
		68050047				0	0	0							
	Side deflector	68130591	•												
	Side discharge conversion kit	68132044A		0											



Part number						ı	Мa	chi	ne	S					
	ZEPHYR 72/13 H	ZEPHYR 72/12,5 K H	T 66	109L	86 R	92 R	102 R	92	106	124	95	105	125	TUAREG 92 PRO	TONKAWA 110 4x4

#### Steering wheel knob

Increases ergonomic comfort while driving the tractor or emptying the grass catcher, allowing the operator to steer the vehicle with just one hand.



Steering wheel knob

68130600

0

#### **Battery charger**

To keep the battery in good working order during periods of disuse, ensuring the optimum charge level and longer lifetime.



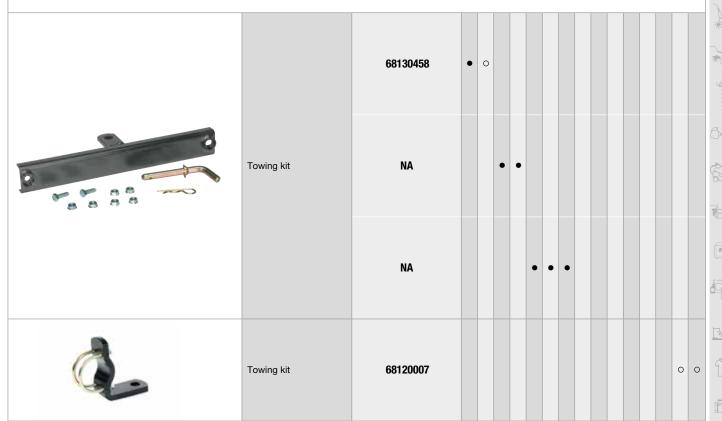
Battery charger

68130481

0 0

#### Towing kit

Makes it possible to tow a small trailer.







Part number					N	/lac	chiı	nes	3					
	ZEPHYR 72/13 H	ا ک	100 L	86 R	92 R	102 R	92	106	124	95	105	125	TUAREG 92 PRO	TONKAWA 110 4x4

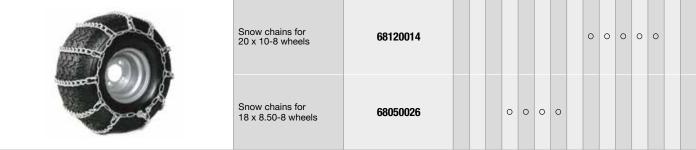
#### Snow blade

Extremely robust metallic blades, ideal for clearing snow from steps and pedestrian access ways.

	Snow blade with rubber edge	68120009A	0	0
		68120026	0	
	125 cm snow blade	68050015		0 0 0
	Snow blade connection lange	68050008		0 0 0
		68120031	0	
		68120015A		0
		68120027A	0	

#### Snow chains

For enhanced grip and traction when working on snow-covered terrain. Easy fitting and removal.





Part number		Machines													
	ZEPHYR 72/13 H	ZEPHYR 72/12,5 K H	166	109L	86 R	92 R	102 R	92	106	124	95	105	125	TUAREG 92 PRO	TONKAWA 110 4x4

#### **Trailer**

Lightweight and durable, ideal for transporting grass cuttings, green waste or other material. Detachable steel frame with reinforced bar. Dimensions: 72 x 103 x 28 cm. Max load capacity approx. 230 kg.



Trailer

68130005A

0 0

0 0

0

0 0

0 0

Lawn roller

Lawn roller, perfect for soil compaction after sowing.



Lawn roller Length 98 cm Diameter 90 cm Weight with water 140 kg Weight with sand 235 kg

68050010

00

0 0 0

0 0 0 0

0 0 0 0

Electric bag emptying kit



Electric bag emptying kit

68050014

0 0

Metal bumper kit



Metal bumper kit

68050018

0 0

0

0

**Protective sheet** 

Protective cover in synthetic material to protect the tractor from UV rays and rain.



Protective sheet with logo and elastic fastening

68050043

0 0 0

0 0 0

0 0 0 0

0 0



# **Efco** water pumps: readily accessible water power to irrigate the soil.

#### Technology and comfort

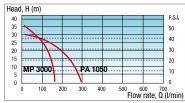
The complete range of **Efco** water pumps complies both with the needs of home users and with those of professionals, for use in agriculture and on building sites. Lightweight and practical but simultaneously rugged and exceptionally reliable through time, these units are designed for the irrigation of plants, vineyards and allotments or for emptying duties. **Efco** water pumps feature a high suction head to flow rate ratio for the utmost flexibility in all working conditions and optimal efficiency, also when located at a distance from water sources.



Thanks to its plastic body, the machine is extremely light.



Tough tubular steel frame facilitating transport of the machine and affording protection from accidental impact.



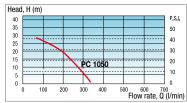
Self-priming water pumps: **Efco** models are characterised by an excellent Head/Flow Rate ratio.



Tough aluminium pump casing ensures maximum long-term durability.



Steel crankshaft and piston with 2 rings guarantee prolonged service life.



Non self-priming water pumps: **Efco** models are characterised by an excellent Head/Flow Rate ratio.



# **Water Pumps**

#### **Guide to selection**

Total length of pipeline	MP 3000					Total he	ad H (m)				
Total length of pipeline  ### 25 mm    20			1.5	3	5	10	15	20	25	30	
Total length of pipeline		5	137	132	128	124	108	98	72	57	
Ø 25 mm       100 62 200 46 44 44 42 37 32 32 25 16         Soo 200 46 44 44 42 37 32 32 25 16         Flow rate Q (I/min)         PA 1050         Total head H (m)         1.5 3 5 10 15 20 25 30         5 266 260 247 205 185 150 100 50         20 240 230 220 195 185 167 132 85 45         45 45       45 45         Ø 40 mm       100 170 162 157 140 118 98 70 37         100 170 162 157 120 107 92 76 55       55 50 50 90 87 82 72 63 51 40         Flow rate Q (I/min)         PC 1050         Total head H (m)         1.5 3 5 10 15 20 25 30         Total head H (m)         Total head H (m) <tr< td=""><td></td><td>20</td><td>108</td><td>104</td><td>100</td><td>89</td><td>76</td><td>63</td><td>57</td><td>41</td></tr<>		20	108	104	100	89	76	63	57	41	
PA 1050  Total head H (m)  Total length of pipeline	Total length of pipeline	50	82	79	76	67	58	46	33	12	
PA 1050  Total head H (m)  1.5 3 5 10 15 20 25 30  5 266 260 247 205 185 150 100 50  20 240 230 220 195 167 132 85 45  20 20 195 185 165 142 115 72 40  100 170 162 157 140 118 98 70 37  200 130 127 120 107 92 76 55  500 90 87 82 72 63 51 40  L (m)  Flow rate Q (l/min)  PC 1050  Total head H (m)  Total head H (m)  Total head H (m)  Flow rate Q (l/min)	Ø 25 mm									10	
Flow rate Q (I/min)         Total head H (m)         Total head H (m)         1.5       3       5       266       260       247       205       185       150       100       50         20       240       230       220       195       167       132       85       45         50       202       195       185       167       132       85       45         45       20       20       195       185       167       132       85       45         45       20       20       195       185       167       132       85       45         45       20       20       195       185       165       142       115       72       40         100       170       162       157       140       118       98       70       37         200       130       127       120       107       92       76       55         500       90       87       82       72       63       51       40         Total head H (m) <td cols<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>16</td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>16</td> <td></td>									16	
PA 1050  Total head H (m)  1.5 3 5 10 15 20 25 30  5 266 260 247 205 185 150 100 50  20 240 230 220 195 167 132 85 45  Total length of pipeline			28	27	25	22	20	15			
Total length of pipeline Ø 40 mm  1.5 3 5 10 15 20 25 30  5 266 260 247 205 185 150 100 50  20 240 230 220 195 167 132 85 45  50 202 195 185 165 142 115 72 40  100 170 162 157 140 118 98 70 37  200 130 127 120 107 92 76 55  500 90 87 82 72 63 51 40  L (m)  Flow rate Q (I/min)  Total length of pipeline Ø 40 mm  5 308 300 286 250 205 160 120 55  20 270 260 250 220 185 150 100 53  Total length of pipeline Ø 40 mm  6 40 mm  5 308 300 286 250 205 160 120 55  20 270 260 250 220 185 150 100 53  Total length of pipeline Ø 40 mm  6 40 mm  6 40 mm  7 5 308 300 286 250 205 160 120 55  20 270 260 250 220 185 150 100 53  20 270 260 250 220 185 150 100 53  5 308 300 286 250 205 160 120 55  20 270 260 250 220 185 150 100 53  5 308 300 286 250 220 185 150 100 53  Total length of pipeline Ø 40 mm  8 40 40 mm  9 40 mm		L (m)	$\leftarrow$			Flow rate	Q (I/min)				
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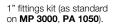


#### **Self-priming**



Self-priming water pumps are ideal for irrigation of gardens and small crop cultivation areas. Compact, extremely lightweight and reliable, these machines provide running time of one hour with a full tank. Model MP 3000 features significantly reduced noise levels and vibration thanks to the new engine configuration, with its lower speed operating setting. Reducer fittings kit, complete with seals to ensure optimal watertightness and high performance. The fittings allow easy connection between the pump and the most commonly used rubber hoses.





340000002R



Water filter with 1" fitting (as  $\ \varnothing$  1" spiral hose, length 4m standard on **MP 3000**, **PA** (optional on **MP 3000**). 1050).

34000001R



340000031



1" ½ fittings kit (standard on **PA 1050**).

341000016A



Water filter with 1" ½ fitting (standard on PA 1050).

341000017



Optional curved fitting kit with 1" ½ to 1" reduction (standard on **PA 1050**).

341000102









	MP 3000	PA 1050
Power	1.3 HP – 1.0 kW	2.1 HP - 1.6 kW
Displacement	30 cm <sup>3</sup>	50.2 cm <sup>3</sup>
Max. flow rate/Max. head	150 L/min/36 m	270 L/min/30 m
Suction Ø/Delivery Ø/Suction head	1"/25.4 mm/7 m	1.5"/38.1 mm/7.3 m
Pump type	centrifugal	centrifugal
Fuel tank capacity	0.83 L	1.10 L
Sound pressure/power level	99.3/102 dB(A)	88/100.8 dB(A)
Total dry weight	5.5 kg	8.5 kg

#### **Not self-priming**



The non self-priming water pump is the optimal solution for handling high liquid flow rates, thanks also to its long operating time. This unit is equipped with a practical carry handle for easy transport and a solid tubular steel frame to protect it from accidental impact. The **PC 1050** non self-priming water pump is designed to provide lasting operation with reduced wear, thanks to the rugged pump body in aluminium and the ceramic mechanical seals. Reducer fittings kit, complete with seals to ensure optimal watertightness and high performance. The fittings allow easy connection between the pump and the most commonly used rubber hoses.



1"  $\frac{1}{2}$  fittings kit (as standard).



Water filter with 1" ½ fitting and foot valve (as standard).

#### 341000016A

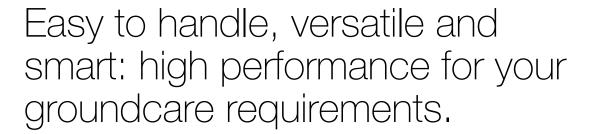
#### 332000010R





	PC 1050	
Power	2.1 HP - 1.6 kW	
Displacement	50.2 cm <sup>3</sup>	1
Max. flow rate/Max. head	320 L/min/30 m	
Suction Ø/Delivery Ø/Suction head	1.50"/38.1 mm/7.3 m	
Pump type	centrifugal	[3
Fuel tank capacity	1.10 L	8
Sound pressure/power level	88/100.8 dB(A)	1
Total dry weight	6.5 kg	







#### **Technology and comfort**

The backpack mistblowers are a paradigm of ergonomics and efficiency, combining top performance and operator comfort. The controls located on the handle are perfectly accessible, the tanks are generously sized, and the aluminium fan is safe and efficient. The petrol engine guarantees reliability and a long working life, while the adjustable jet allows the machine to be adapted to suit the type of treatment to be performed and the type of vegetation involved.



The opening angle of the jet can be adjusted rapidly and conveniently without having to stop working, enabling treatment to be customised according to each individual type of vegetation.



The controls are readily accessible and the handle can be easily adjusted in accordance with the crops to be treated, also with a forward angle for the optimal wrist position when spraying with the tube positioned vertically.



The booster pump (supplied on request) increases the liquid throw to improve reach height.



The optional ULV kit allows optimal atomisation of the sprayed liquid to ensure targeted treatment, eliminating overspray and wastage of product.



Maximum user comfort thanks to the ergonomic harness and vibration-damping system of the frame.



Easy-to-install powder kit affords numerous options for selection of the quantity delivered.









#### **Backpack**



For treatment and pest control of crops, small plantations and nurseries. These machines can deliver liquids (such as fungicides and pesticides) or powders. The mistblowers have an ergonomic harness and frame mounted on a vibration-damping system for the maximum user comfort.



The EasyLift mixture cap is the most practical solution for fast fluid top-up. The conveniently folding rear handgrip is ergonomic and ensures easy use of the filler caps without the need for tools (AT 2063).



The booster pump keeps the solution of liquids in the tank thoroughly mixed, increasing and stabilising the delivery flow rate of the product (supplied as standard on the **AT 2063** model).



In model **AT 2063**, the ULV kit provides optimal atomisation of the sprayed liquid to ensure targeted treatment, eliminating overspray and wastage of product.



In model **AT 2063**, the telescoping blower tube has been designed to ensure maximum comfort for the operator. The control handle is adjustable, allowing the longitudinal movement and rotation of the blower tube and handgrip.



711 000	
AT 8000	AT 2063

Power	5.0 HP - 3.7 kW (SAE)	4.4 HP - 3.3 kW
Displacement	72.4 cm <sup>3</sup>	61.3 cm <sup>3</sup>
Max. air flow	16.0 m³/min	20 m³/min
Air speed	120 m/sec	90 m/sec
Liquid delivery rate	0.5 ÷ 3 L/min	0.67 ÷ 5.15 L/min
Liquid tank capacity	14 L	16 L
Sound pressure/power level	95.7/109.6 dB(A)	102/112 dB(A)
Lh/rh vibration level	< 2.5 m/s <sup>2</sup>	< 2.5 m/s <sup>2</sup>
Weight	12.5 kg	11.5 kg



Part number	N	lachine	es
	AT 800/AT 8000	AT 900/AT 9000	AT 2063

Dusting ki
------------

Conversion kit for treatment based on microgranule chemical powder. Rather than entering into contact with the fan, the powder/granules are conveyed directly into the blower tube.

30%		365200114	0		
	Dusting kit	56062004		0	
60 %		56022027			0

#### Diffusers kit

Allow the operator to direct or reduce the intensity of the liquid jet in accordance with application directions of the treatment liquids.

<b>181</b> ===	Double jet kit	365100062A	0		7
	Kit containing 3 diffusers	56062003		0	

#### **ULV** kit

Provides optimal atomization of the sprayed liquid to ensure targeted treatment eliminating overspray and wastage of product.

10 6 6	- ULV kit	365200203A	0		
Carly Man	OLV NI	56062005		0	

#### **Booster pump**

The booster pump keeps the solution of liquids in the tank thoroughly mixed, increasing and stabilizing the delivery flow rate of the product. The booster and filler version allows the tank to be filled without obliging the operator to take off the backpack.

					4
1	Booster pump kit	365200273CR	0		
<b>*</b>	Booster pump kit	56062001		0	
	Booster and filler pump kit	56062002		0	â

#### Extension tubes kit

Extension tubes make it possible to change the blower tube terminal angle to adapt the jet for different treatment types.



# Robust and reliable, **Efco** rotary tillers and two-wheeled tractors prepare the soil for small and large cultivation projects.

#### **Technology and comfort**

**Efco** rotary tillers and two-wheeled tractors are reliable, easy to handle and simple to use. Safe and built with materials that provide long-lasting strength, they are an invaluable workmate for gardeners, farmers and landscaping experts working on medium-sized plots. To offer greater comfort, some models have handlebars with both height and width adjustment, to adapt to the operator's stature and work alongside crops without trampling on the tilled soil. Can be paired with various accessories, such as the adjustable furrowing tool and metal or tyred wheels, making them a multipurpose tool for tending the vegetable patch and garden.



The chain guard is reinforced to withstand flying stones and accidental impact.



The front wheel is included for transport purposes, and can be raised when the machine engages the soil.



External gear selector, ergonomically designed and easily accessible.



The handlebars are fully adjustable: up and down, to adapt to the user's height and build, and sideways (offset), allowing the operator to walk alongside crops without treading on the freshly turned soil.



50 cm rotor with depth adjuster.



Oil-bath gear drive for high mechanical strength and reduced maintenance.



### Rotary Tillers Two-wheeled tractors





#### **MZ Series Rotary Tillers**



Ideal for home users who need to prepare vegetable gardens and flower beds for seeding, this model offers an excellent combination of manageability and user-friendliness.



Rear wheel for easy transportation of the machine.



Speed regulator with integrated on-off system and control lever located within easy reach.



46 cm rotor with three elements on each side, reducible to 32-22 cm.



Scarifier.

69209018



	IVIZ 2000 N
Engine make/model	Emak K 300 H OHV
Displacement	80 cm <sup>3</sup>
Gearbox	1 forward speed
Rotor	3+3 blades - 46 cm
Handlebars	with vertical adjustment
Transmission	in steel
Dimensions	115x110x46 cm
Weight	27 kg
vveigni	21 kg

#### **MZ** Series Rotary Tillers



Compact and lightweight, medium power rotary tillers are designed for the care and maintenance of allotments, gardens and plots of medium size, and also smaller spaces and around low height plants. Manoeuvrable, lightweight, and easy to use. The handlebars are adjustable to all positions so they can be adapted to match the preferences of any user or working situation; for model MZ 2098 RKS adjustment is achieved with a practical lever on the handlebars.









case of different activities on the soil.



Lateral transpot wheels to easily move the machine on hard surfaces in

**MZ 2075 RKS** 



MZ 2075 RKS 69209084

Ideal for deep furrowing of hard and uncultivated terrain and to prepare the ground for tillage.

Adjustable furrower. Compatible MZ 2075 RKS \*

69209081

MZ 2098 RKS

Adjustable plough. Compatible
MZ 2075 RKS \*
MZ 2098 RKS

69209082

Potato digger. Compatible
MZ 2075 RKS \*
MZ 2098 RKS

69209083

Pair of tyred wheels 3.50-6". Compatible **MZ 2098 RKS** 

69209089

Pair of metal wheels. Pair of tyred wheels 3.50-8"

Compatible Compatible

\* requires tool holder 69209087

69209131 MZ 2098 RKS 69209114 MZ 2098 RKS 69209116 

	MZ 2075 RKS	MZ 2098 RKS	
Engine make/model	Emak K 800 HT OHV	Emak K 800 HC OHV	
Displacement	182 cm <sup>3</sup>	182 cm <sup>3</sup>	2
Gearbox	1 forward speed + 1 reverse	2 forward speed + 1 reverse	
Rotor	3+3 blades – 82 cm reducible to 55-35 cm, with protection discs	3+3 blades – 85 cm reducible to 35 cm, with protection discs	]
Handlebars	fully adjustable	fully adjustable	
Rear tool holder	optional (part number 69209087)	standard	
Dimensions	140x80x82 cm	163x105x85 cm	
Weight	57 kg	63 kg	





#### **MC Series Two-Wheeled Tractors**



Ideal for home users with small vegetable plots and gardens requiring periodic soil maintenance in preparation for sowing. The large wheels and adjustable handlebars, which are both height and width-adjustable using a convenient lever, give the operator maximum control over the two-wheeled tractor, allowing it to be adapted to different usage situations.



Front ballast that increases the stability of the two-wheeled tractor, particularly on harder terrain.

Engine make / model

Displacement



Large wheels for greater manoeuvrability of the machine during use.



Handlebars with height and width adjustment by means of a handy lever on the handlebar, to ensure correct operator posture.



50 cm rotor with depth adjuster.



	IVIC 330
el	Emak K 800 HC OHV
	182 cm <sup>3</sup>

Gearbox	1 forward speed + 1 reverse	â
Clutch	direct coupling, belt with tensioner	
Transmission	chain and oil-bath gearbox	
Rotor	3+3 blades - 50 cm	Ī
Handlebars	vertical and horizontal adjustment	
Dimensions	130x53x105 cm	
Weight	89 kg (including 10 kg front ballast)	



# Power, manoeuvrability and precision for drilling all types of terrain.



#### **Technology and comfort**

**Efco** earth augers are ideal for drilling holes for vines or trees, greenhouse poles, fence uprights and lamp posts. Our models offer high stress resistance under the most extreme conditions and in all working environments.



Ergonomic handle for exceptional comfort: equipped with throttle trigger lockout to prevent unintentional acceleration.



Diaphragm carburettor allows the machine to operate in any position without leakage of fuel.



Professional aluminium gearbox with gears running in ball bearings: guarantee of long life, quiet operation and reduced vibration.



## **Earth Augers**

#### TR series medium power



A medium-power earth auger is ideal for small drilling operations on rural terrain, such as for planting vines or trees, or for drilling holes for greenhouse poles or fence uprights. In this case the job can be done by just one operator. Model **TR 1551** is particularly safe and comfortable: all the controls are combined on the ergonomic handgrip, including a safety lever to protect against uncontrolled acceleration.



Single flight bits with single or double cutting edge (double cutting edges ensure more efficient penetration and facilitate the discharge of earth). With tip and cutting edge made of special steel to ensure top performance and excellent wear resistance. Compatible



30 cm extension with cotter pin for increased boring depth. Compatible

375100115



	TR 1551
Power	2.1 HP - 1.6 kW
Displacement	50.2 cm <sup>3</sup>
Reduction ratio	40:1
Bit diameter	8-10-15-20 cm
Sound pressure/power level	100/108 dB(A)
Lh/rh vibration level	13.5/13.5 m/s <sup>2</sup>
Weight without bit	9.1 kg





Air to keep your outdoor spaces clean, from the garden to the drive: a solution for home users and professionals alike.

#### **Technology and comfort**

Silent, lightweight and easy to use, **Efco** blowers and vacuum cleaners are valid, reliable work companions. Powerful and efficient tools designed to clear leaves, olives, hazelnuts and small debris from any surface: in private settings, to clear small areas (handheld blowers), and for professional use on farmland and in large urban spaces (backpack blowers).



"AlwaysOn" power switch: returns automatically to the ON position after each stop, thus eliminating the risk of flooding the carburettor.



Rubber covered handle ensures a firm and comfortable grip on the machine, while at the same time isolating the hands of the operator from vibrations.



Vacuumed material is chopped up by a rotor with 4 steel blades (standard feature) to reduce the volume when inside the bag, down to 1/12 of original size, so that more work can be done with fewer emptying stops.



Double bladed fan delivers high performance in terms of air flow and velocity, while increasing the cooling capacity of the engine.



Paper air filter with increased capacity and filtration surface area; allows efficient and quick maintenance and is more durable.



Digital coil with variable ignition advance and flywheel with new fin geometry: engine guaranteed to run more smoothly, and cooling rendered more efficient.



## **Blowers and Vacuum Cleaners**





#### SA series handheld



Ideal for clearing the garden of leaves and other small debris or grass cuttings, the handheld blower is designed to get the job done quickly and efficiently. Model **SA 2500** combines high performance with perfect balance, while its light weight enables prolonged use without fatigue. The rubber-clad handgrip and professional anti-vibration system ensure maximum operator comfort at all times. Simple and practical to use, it enables even inexperienced users to operate the machine easily and in total safety.



Star-shaped metal shredder blade. Mounted on the standard fan, the shredder blade is invaluable when the tool is used with the vacuum cleaner kit (optional).



'S' style scroll assembly: eliminates twisting force, guaranteeing enhanced comfort during prolonged use of the machine.



Telescopic tube that allows the machine to be stored in confined spaces, without the use of tools.



Vacuum cleaner kit (optional): comprising a side handgrip with integrated antishock system, a suction tube, an elbow tube and a collection bag, it transforms the blower into a vacuum cleaner for collecting leaves, grass and small pruning debries





SA 2500

	3A 2300
Power	1.3 HP - 1.0 kW
Displacement	25.4 cm³
Max air volume	720 m³/h
Max air speed	70 m/sec
Collection bag capacity	36 L
Sound pressure/power level	96.5/104 dB(A)
Vibration level	6.3 m/s <sup>2</sup>
Dry weight, without blower tube	3.7 kg
Single harness with double snap hook	optional 61140011R
Conversion kit from blower to vacuum	optional 56602004
Blower tube with duckbill style nozzle	standard

#### **SA** series backpack



Backpack blowers are designed for use in rural areas, for clearing spaces such as farmyards and forecourts, and in the city, for clearing parks, sports grounds, flowerbeds and roads. They are also recommended for moving and compacting fruit and other produce as it falls from the tree. Low weight plus high air velocity and air delivery volume mean these tools can guarantee practicality, power and high performance.



Conversion kit from blower to mistblower (**SA 2063**).

#### 56022030

Dusting kit for mistblower (SA 2063).

56022027





PLIM



# Cleaning anywhere, in all conditions: cleanliness and hygiene take centre stage with **Efco** high-pressure washers.

#### Technology and comfort

Combining the power of water and pressure produces amazing results. **Efco** high-pressure washers are technologically advanced machines designed to clean and sanitise all types of surfaces. While the cold water high-pressure washers are perfect for cleaning duties around the home, the hot-water models are more suitable for use in industrial surroundings or for cleaning very large areas, including courtyards and covered walkways.



Axial 3-piston pump with thermal protection.



Water suction quick fitting.



Easy transport thanks to large sized wheels.



Practical handle for easier movement.



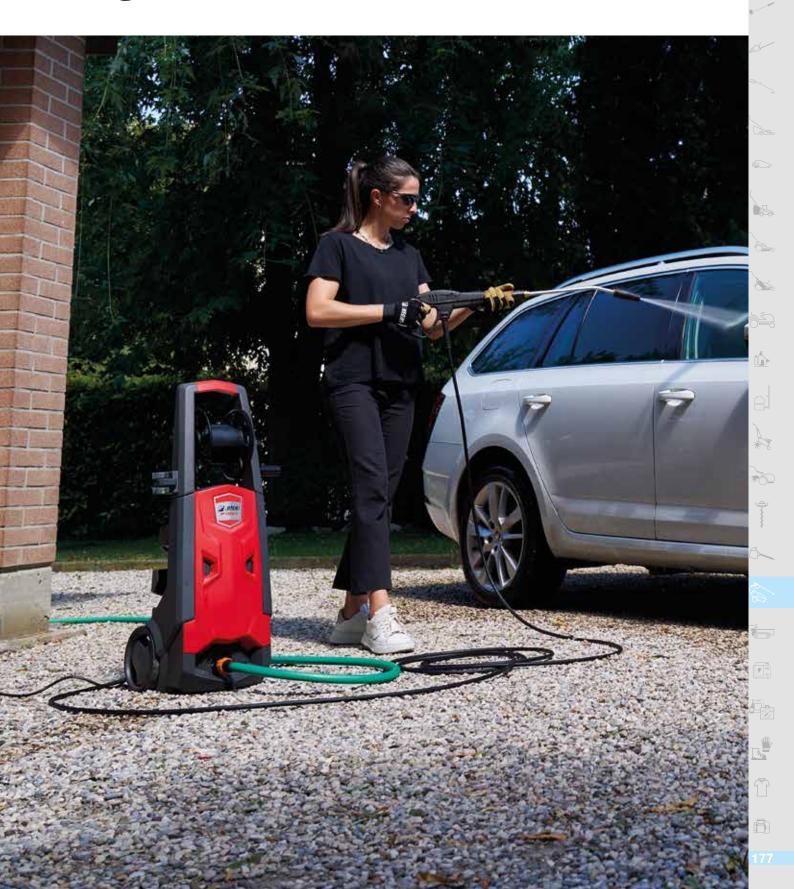
Removable detergent tank with externally visible liquid level.



Practical storage recesses to ensure accessories are always in easy reach.



## **High-pressure Washers**





#### **Cold water**



The range of cold water high-pressure washers meets the needs of home users engaged in either occasional or intensive cleaning activities. These machines are designed to assist with cleaning of areas outside the home, in the garden, and of objects and vehicles. Packed with features for different types of use, these machines incorporate several devices aimed at maximising user comfort such as the large wheels for ease of transport and the generously sized recesses for stowing accessories and the power cable.



Easy transport thanks to large size wheels.



Practical handle for easier movement.



Removable detergent tank with externally visible liquid level.



Practical recesses to ensure accessories are always in easy reach.







Plus		

Only available in certain markets	IP 1150 S	IP 1250 S
Pressure	125 bar	150 bar
Flow rate	360 L/h	500 L/h
Rated power	1.75 kW (230 V/50 Hz)	2.35 kW (230 V/50 Hz)
Pump	aluminium	aluminium
Standard equipment	gun with protection lance with nozzle head fitting adjustable nozzle head rotary nozzle head detergent nozzle head hose reel 8 m, thermoplastic built-in detergent tank fixed brush	gun with protection lance with nozzle head fitting adjustable nozzle head rotary nozzle head detergent nozzle head hose reel 8 m, thermoplastic integral detergent tank fixed brush

#### **Cold water**





Easy transport thanks to large size wheels.



Practical handle for easier movement.



Easily removable integrated detergent tank.



Hose reel at top for practical hose management.







0 S	IP 1500 S

Onlynyallabla	Wirins	W PUS	
Only available in certain markets	IP 1400 S	IP 1500 S	To the second
Pressure	140 bar	150 bar	
Flow rate	400 L/h	450 L/h	
Rated power	2.1 kW (230 V/50 Hz)	2.2 kW (230 V/50 Hz)	
Pump	aluminium	brass	di
Standard equipment	gun with protection lance with nozzle head fitting adjustable nozzle head rotary nozzle head detergent nozzle head hose reel 8 m, thermoplastic built-in detergent tank fixed brush	gun with protection lance with adjustable nozzle head (Securfix) lance with adjustable nozzle/foaming lance foaming lance hose reel 8 m thermoplastic hose fixed brush	



#### **Cold water**





Triplex pump with axial pistons arranged vertically. Brass pump head.



Practical housing of lance gun.



Easy transport thanks to large size wheels (Ø 250 mm).



Self-priming pump and petrol engine, for jobs in places lacking an electrical power outlet (IPX 2000 S).



Only available in certain markets	IP 1750 S	IP 1900 S	IPX 2000 S
Pressure	150 bar	160 bar	200 bar
Flow rate	510 L/h	600 L/h	720 L/h
Rated power	2.4 kW (230 V/50 Hz)	2.9 kW (230 V/50 Hz)	-
Rated power	-	-	6 HP
Pump	brass	brass	brass, self-priming with control valve
Standard equipment	gun with protection angled lance with adjustable nozzle 8 m rubber hose built-in detergent tank	gun with protection angled lance with adjustable nozzle angled lance with swivel nozzle hose reel 12 m rubber hose built-in detergent tank fixed brush	gun with protection lance with detergent head 8 m rubber hose

# **Hot water**



Hot water high-pressure washer models are essential for cleaning activities on extensive areas such as courtyards and covered walkways. In industrial settings these machines are ideal for cleaning large areas of flooring and for all situations calling for the cleaning and sanitising power of hot water.



Triplex pump with axial pistons arranged horizontally with the pump at the bottom of the machine. Brass head.



Ergonomic handgrip for practical operation, with removable handle for easier transport (**IP 2500 HS**).



Double switch to select hot or cold water (IP 2500  ${
m HS}$ ).



Water temperature control thermostat (IP 3000 HS).



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	- Cam	· com	
Only available in certain markets	IP 2500 HS	IP 3000 HS	
Pressure	150 bar	150 bar	R
Flow Rate	480 L/h	540 L/h	
Engine power	2.3 kW (230 V/50 Hz)	2.7 kW (230 V/50 Hz)	
Pump	brass	brass	
Hot water temperature	60°C (max 90°C)	60°C (max 90°C)	ð
Standard equipment	gun with protection angled lance with protection foaming lance 8m rubber hose built-in diesel tank hot/cold water selector	gun with protection lance with detergent head hose reel 10 m rubber hose built-in detergent tank built-in diesel tank temperature control thermostat	



# Accessories



		Part number	Machines								
			IP 1150 S	IP 1250 S	IP 1400 S	IP 1500 S	IP 1750 S	IP 1900 S	IPX 2000 S	IP 2500 HS	IP 3000 HS
<b>Gun</b> Gun with protection.											
	Gun	68500059 68500029 68500030 68500031 68500078		•	•	•	•	•	•	•	•
Lance with nozzle head fitting Lance designed to accept adjustable or rotating	nozzle heads.										
	Lance with nozzle head fitting	68500061 68500071	•	•	•					•	
Foaming lance Lance with integral detergent dispenser for more	efficient washing.							1			
	Foaming lance	68500063 68500049 68500050 68500051	•	•	•		0	0	0	•	0
Floor wash lance This tool is specially designed for washing floors	and surfaces on which		ne av	voide	rd						
This test is opening designed for washing fields	Floor wash lance	68500014A 68500004A 68500070	0	o	0	0	0	0		0	0
Rotojet lance Increases effectiveness thanks to the pressure-ge	enerated turbine effect.										
	Rotojet lance	68500046 68500047 68500013A 68500080 68500073				•	0	•	0	0	0
Lance with adjustable nozzle Allows the force of the water jet to be adjusted to	match requirements										
THE WAR IN	Lance with adjustable nozzle	68500036 68500037 68500038 68500039 68500079				•	•	•	•		•
Sandblast lance Highly practical and easy to use, the sandblast la	nce removes rust old r		ulate	d de	nosi	ts					
Tigrily practical and eacy to dee, the candidate to	Sandblast lance	68500001A			pool	0	0	0	0	0	
		68500009A									0

# **Accessories**



Part number	Machines									
	IP 1150 S	IP 1250 S	IP 1400 S	IP 1500 S	IP 1750 S	IP 1900 S	IPX 2000 S	IP 2500 HS	IP 3000 HS	

# Adjustable nozzle head

Allows the force of the water jet to be adjusted to match requirements.



		68500069	•					
	Adjustable nozzle head	68500068		•				
		68500076			•			

### Rotary nozzle head

Increases effectiveness thanks to the pressure-generated turbine effect.



Rotary nozzle head	68500062 • •						
notary nozzie nead	68500077			•			

### Brush

Driven by the pressure of the water jet. Made of natural bristles, the brushes are designed for cleaning delicate surfaces.



Rotary brush	68500065	0	0	0						
notary brusii	68500002A				0	0	0		0	0
Professional rotary brush	68500010A							0		0
Fixed brush	68500064	•	•	•						
Fixed Drusti	68500003A				•	0	•	0		

# High-pressure hose

Flexible and strong, this hose connects the unit to the gun with protection.



	68500023			•			•	
Lligh mysseywa hass	68500024				•			
High-pressure hose	68500025					•		
	68500026							•

### **Extension hose**

A pressure hose for the maximum range of action.



6 m extension hose	68500067	0	0	0	0						
	68500060	•	•	•	•						
	68500012A					0					
8 m extension hose	68500006A							0			
	68500052						0			0	
	68500075								0		

### **Drain clearing attachment**

Unblocks drains and pipelines rapidly.



8 m drain clearing attachment	68500074				0			0	
10 m drain clearing attachment	68500066	0	0	0					
15 m drain clearing attachment	68500005A					0	0		0
25 m drain clearing attachment	68500011A					0	0		0

### Nozzle for drain clearing attachment

Compatible with specific models based on flow rate in litres.





Drain clearing nozzle (6-9 L/min)	68500056			0	0	0	0
Drain clearing nozzle (10-15 L/min)	68500057			0	0	0	0

# Water filter kit

Water filter for protecting the pump and nozzles from impurities in the water.



Water filter kit	68500016A			0	0	0	0



# The maximum loading performance and exceptional stability: **Efco** transporters fear no rivals.

# **Technology and comfort**

Ideal for use in building construction and agriculture, **Efco** transporters are designed to carry bulky and heavy loads, also over steep and uneven terrain. Designed in compliance with the highest quality standards, these machines offer optimum performance in terms of load capacity, reliability through time, and safety. The load capacity ranges from 450 to 550 kg, allowing these machines to be used in rural surroundings, in the garden and around the farm or on building sites.



Telescoping flat body optimises transport operations, even with bulky loads.



Wide crawler tracks ensure solid grip on any type of terrain.



Tight turning radius for ease of manoeuvre on building sites or in greenhouses and vineyards.



Rugged undercarriage with track tensioner sprocket, perfectly balanced for correct weight distribution and excellent grip on all types of terrain.



Rear metal guard to maximize operator safety.



Rugged steel chassis. A low centre of gravity provides optimal stability during the job, also when working on steep gradients. The high position of the engine and transmission facilitates maintenance tasks.



# **Transporters**





# **TN** series



Compact and manoeuvrable, small transporters facilitate the transport of materials of various types, from firewood to fruit. Thanks to their features, these machines are perfect for use in rural areas for transporting loads in confined spaces and on sloping terrain. Their tight turning radius (700 mm), not only makes the transporters easier to manoeuvre, it also helps protect the surrounding vegetation during transit of the machine.



Handlebar-mounted gear lever.



Speed selection control lever.



Manual dump with automatic locking system.



High sides kit to facilitate transportation of bulky loads (compatible).

### 68722010







	IN 3400 H	IN 3400 K
Displacement	166 cm <sup>3</sup>	166 cm <sup>3</sup>
Engine make/model	Honda GCVx 170 OHV	Emak K 655 OHV
Gearbox	2+2	2+2
Speed	1st: 1.60 - 2nd: 3.60 1stRev: 1.40 - 2ndRev: 3.40	1 <sup>st</sup> : 1.60 - 2 <sup>nd</sup> : 3.60 1 <sup>st</sup> Rev: 1.40 - 2 <sup>nd</sup> Rev: 3.40
Lift/dump	manual	manual
Minimum turning radius	700 mm	700 mm
Dump angle	45°	45°
Loading deck/Payload	telescoping/350 kg	telescoping/350 kg
Body length	93 - 106 cm	93 - 106 cm
Body width	52 - 90 cm	52 - 90 cm
Overall dimensions	153x60x90 cm	153x60x90 cm
Weight	140 kg	140 kg

# **TN** series



The professional transporters are designed in compliance with stringent quality standards to provide elevated performance in terms of load capacity and the maximum reliability through time. These machines are ideal for easy manoeuvring around building sites or in greenhouses and vineyards. Thanks to the wide tracks on these machines, the operator can travel in safety also on the steepest slopes, with perfect grip of the machine on all types of terrain.



Independent 2100 rpm PTO.



Steering with independently controlled release and brakes.



Expandable loading deck for transporting even very bulky loads.



High sides kit to facilitate transportation of bulky loads (compatible).

### TN 4500/68722003

# TN 5600/68722004



	TN 4500	TN 5600	
Displacement	163 cm <sup>3</sup> 182 cm <sup>3</sup>	163 cm <sup>3</sup> 182 cm <sup>3</sup>	
Engine make/model	Honda GX 160 OHV Emak K 800 H	Honda GX 160 OHV Emak K 800 H	
Gearbox	3 + 1R	4 + 2R	
Speed	1st: 1.88 - 2 <sup>nd</sup> : 4.13 - 3 <sup>rd</sup> : 7.00 Rev: 1.86	1 <sup>st</sup> : 1.88 - 2 <sup>nd</sup> : 3.16 - 3 <sup>rd</sup> : 4.13 - 4 <sup>th</sup> : 7.00 1 <sup>st</sup> Rev: 1.86 - 2 <sup>nd</sup> Rev: 3.13	
Lift/dump	manual	manual	
Minimum turning radius	700 mm	700 mm	
Dump angle	50°	50°	
Loading deck/Payload	telescoping/450 kg	telescoping/550 kg	
Body length	93 - 106 cm	100 - 118 cm	
Body width	56 - 94 cm	65 - 110 cm	
Overall dimensions	167x65x102 cm	175x73x102 cm	
Weight	180 kg	200 kg	





# Power generators, always ready for any eventuality.

# Technology and comfort

Power generators consist of an internal combustion engine combined with an electric generator and produce AC or DC power independently. They can be used in the event of mains grid outages, disruptions or blackouts, and are useful for providing power where none is available. They are handy devices for outdoor leisure activities, for those who work in the commercial sector (i.e. stand construction and events) or for users who need to power electrical appliances such as high-pressure washers, electric saws or trimmers in isolated environments far from mains outlets. Choose between open set generators, available with power ratings up to 6 kW, or silent inverter generators, i.e. with an enclosed and soundproofed engine, which are particularly suitable for public places, outdoor activities near to people or for use with boats, motorhomes or on campsites.



AVR (Automatic Voltage Regulator) device supplied as standard, which maintains a constant voltage level to the connected equipment, thereby preventing damage from power surges.



Muffler sound insulation to reduce noise, waterproof design and robust, robotically welded frame ensure high performance.



Emak OHV engines offer reduced fuel consumption, for long running times between fuel refills.



Engine with electric starter, available for the **PGE 65E DCS**, **PGE 48i S** and **PGE 80E-3 DCS** models, which ensures effortless starting.



The fuel level gauge is located in a prominent position, for quick reading of the petrol level in the tank.



Handles and wheels, supplied as standard on the PGE 65 DCS, PGE 65E DCS, PGE 80E-3 DCS and PGE 48i S models, make it easy to transport.



# Power generators





# Up to 3 kW



The PGE 25 DCS and PGE 35 DCS generators ensure independence from the mains grid in all sorts of situations, such as emergencies, blackouts, working out in the open in natural areas, or holidaying in isolated locations. They can handle loads up to 2.8 kW and are therefore the ideal tool if you want to become independent from stationary power sources: ideal for work equipment or leisure pursuits, they have a large fuel tank that ensures a running time of up to 15 hours.



Equipped with a double AC 220V AC outlet and one DC 12V outlet.



The fuel level gauge is located in a prominent position, for quick reading of the petrol level in the tank.



Sturdy steel frame to ensure maximum strength and protection when on the move.



Engine positioned on rubber antivibration mounts to minimise vibrations during operation.







	A Home Plus	difference Plus
Only available in certain markets	PGE 25 DCS	PGE 35 DCS
Effective/maximum power	2.0 kW/2.2 kW	2.8 kW/3.1 kW
Engine model	K 825 HG OHV	K 850 HG OHV
Engine displacement	196 cm <sup>3</sup>	212 cm <sup>3</sup>
Fuel tank capacity	15 L	15 L
Oil reservoir capacity	0.6 L	0.6 L
Runtime (50% power)	15 hours	15 hours
Frequency	50 Hz	50 Hz
Voltage	230 V	230 V
AC power quality (THD)	G1	G1
Power factor	1	1
DC voltage	12 V	12 V
DC current	8.3 A	8.3 A
Starting	manual	manual
Noise emissions	< 72 db(A)	< 74 db(A)
Weight	42 kg	47 kg
Dimensions (LxWxH)	605x490x495 mm	605x490x495 mm

# Up to 6 kW



These models are designed for more intensive use, where the power drawn by connected loads exceeds 5 kW. Models PGE 65 DCE and PGE 65E DCS are equipped with three 220V AC (alternating current) sockets and one 12V DC (direct current) socket. They have 25 L fuel tanks to cope with continuous use over a period of up to 8 hours. Model PGE 80-E DCS can also supply three-phase current at 400V, making it suitable for industrial or craft business applications that require high power, such as powering machine tools, logsplitters or welding machines.



Emak OHV engines offer reduced fuel consumption, for long running times between fuel refills.



The fuel level gauge is located in a prominent position, for quick reading of the petrol level in the tank.



Carry handles and sturdy wheels make it easy to transport.







Only available	
in cartain markate	

Only available in certain markets	PGE 65 DCS	PGE 65E DCS	PGE 80E-3 DCS	
Effective/maximum power	5.0 kW/5.5 kW	5.0 kW/5.5 kW	6.0 kW/6.5 kW	
Engine model	K 1200 HG OHV	K 1200 HG OHV	K 1250 HG OHV	_ (
Engine displacement	389 cm <sup>3</sup>	389 cm <sup>3</sup>	420 cm <sup>3</sup>	
Fuel tank capacity	25 L	25 L	25 L	-
Oil reservoir capacity	1.1 L	1.1 L	1,1 L	7
Runtime (50% power)	9 hours	9 hours	8 hours	
Frequency	50 Hz	50 Hz	50 Hz	
Voltage	230 V	230 V	230 V (single phase) 400 V (three-phase)	
AC power quality (THD)	G1	G1	G1	
Power factor	1	1	1/0.8	ā
DC voltage	12 V	12 V	12 V	
DC current	8.3 A	8.3 A	8.3 A	
Starting	manuale	manual/electric	manual/electric	- 6
Noise emissions	< 76 db(A)	< 76 db(A)	< 78 db(A)	
Weight	80.5 kg	82.5 kg	85 kg	
Dimensions (LxWxH)	790x560x585 mm	790x560x585 mm	790x560x585 mm	



# **Inverter**



Inverter technology makes these models particularly suitable for use with delicate electronic equipment containing microprocessors, such as computers, televisions, digital devices, and devices that require a stable, high-quality power supply. The soundproofed structure considerably reduces noise emissions, making them ideal for use on campsites and in open areas near to people.



Output with USB socket for charging electronic devices.



Low-consumption OHV engines with an insulated muffler that considerably reduces perceived noise.



Model **PGE48i S** equipped with 2 large 140 mm wheels and foldable handle, which make it easy to transport.



Possibility of connecting a second generator to double the maximum output power (cable supplied as standard).









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Only available in certain markets	PGE 23i S	PGE 48i S	
Effective/maximum power	1.8 kW/2.3 kW	3.5 kW/4.8 kW	
Engine model	K 300 HG OHV	K 875 HG OHV	
Engine displacement	79 cm <sup>3</sup>	224 cm <sup>3</sup>	
Fuel tank capacity	3.7 L	9.5 L	
Oil reservoir capacity	0.4 L	0.6 L	
Runtime (50% power)	6.3 hours	6.5 hours	
Frequency	50/60 Hz	50/60 Hz	
Voltage	220/230/240 V	220/230/240 V	
AC power quality (THD)	< 1.5%	< 1.5%	
Power factor	1	1	
DC voltage	12 V	12 V	
DC current	8.3 A	8.3 A	
Starting	manual	manual/electric	
Noise emissions	< 60 db(A)	< 57 db(A)	
Weight	17 kg	38 kg	
Dimensions (LxWxH)	430x285x455 mm	520x380x510 mm	

# **Charging station**



The **PSi 1650** portable charging station can be used to recharge various electronic devices or power small appliances, such as hairdryers, ovens and electronic equipment such as video projectors and laptops, both at home and outdoors, during trips or on campsites. The practical handles make it easy to transport, while the charging station's compact dimensions enable it to be stored in a car, motorhome or other confined space. It is equipped with multiple USB sockets (three Type-A and two Type-C), three 220 V alternating current outputs and one 12 V direct current output. It can be recharged using a wall socket (220 V) or a car charger (12 V), with both connections included as standard.



LFP battery (lithium iron phosphate, 1024 kW capacity) with overheat protection, supports up to 3000 charging cycles.



The display shows various information such as remaining charge status, instantaneous load, or input charging power.



LED light on the front, easy to operate, for illuminating the surrounding environment.



Possibility to charge at 12V with car socket (cable supplied) in combination with normal charging with 220V socket.





	PSi 1650	
Capacity	1024 Wh	
Power	1650 W	
Voltage	220 V	
Frequency	50 Hz	
Charging time (220 V)	1.5 hours	
Input AC current	1200 Watt	
AC 220 V socket	n. 3	
USB Type-A socket	n. 3	
USB Type-C socket	n. 2	
DC 12 V socket	n. 1	
Weight	13 kg	
Dimensions (LxWxH)	336x286x263 mm	



Nothing but the best consumables to keep your machines running smoothly.



# Fuels, Lubricants and various Accessories





# **Fuels, Lubricants**



# Alkylate petrol for 4-stroke engines and Special mixture for 2-stroke engines

**EFCO-Alkylate** is a highly refined petrol specifically formulated for 4-stroke engines. **EFCO-Mix Alkylate** PLUS is a mixture with additive for 2-stroke engines made from alkylated petrol and biodegradable\* synthetic oil compliant with API TC, JASO FC and ISO L-EGD standards. This fuel is premixed and hence ready for use.

\* Tested to CEC-L-33-A-93 (80% in 21 days) and OECD 301E (64%).

These fuels contain 10 times less harmful substances than traditional petrol and less than 0.1% benzene and other harmful aromatic hydrocarbons and are therefore less hazardous for health and for the environment. The fuels guarantee: high performance and longer engine life. Extremely pure and stable, the fuels have a long shelf life (up to 4 years in sealed containers with no loss of performance).

### Not available for export







EFCO-Mix Alkylate – 5 I container	3455004A
EFCO-Mix Alkylate PLUS – 5 I metal can	3455016A
EMAK-Mix Alkylate PLUS – 18 I metal drum	3355007
EFCO-Alkylate – 5 I container	3455012A
EFCO-Alkylate – 5 I container	3455027

### PROSINT 2 EVO special oil for 2-stroke engines

Special synthetic ester-based lubricant, expressly formulated for high-performance 2-stroke engines. Special oil for use at 2% (50:1). Effective lubrication at high temperatures. Low emissions, reduced wear and clean engine. Exceeds API TC, JASO FC and ISO-L-EGD specifications Its pre-fluidified composition makes preparing the mixture easy. Colour: dark red. Pack: carton 20 pcs x 100 ml or 12 pcs x 1 l or 4 pcs x 5 l.



# **EUROSINT 2 EVO special oil for 2-stroke engines**

Special oil with 100% synthetic esters. Used at 2% (50:1), this oil is ideal for the lubrication of competition or high performance two-stroke motors. High-resistance lubricating film at high temperatures and excellent anti-wear characteristics. Particularly indicated for exhaust catalysts by virtue of its low smokiness and ash content. Exceeds APLTC, JASO FC/FD and ISO-L-EGD specifications. Colour: dark blue. Pack: box 20 + 20 pcs x 100 ml or 12 pcs x 11 or 100 pcs x 100 ml or 120 pcs x 100 ml or 100 ml or



100 ml bottle	3455024A
1 I container	3455025A
1 I container with dispenser	3455026A
5 I container	3455015A

# Special oil for 4-stroke engines - SAE 10 W - 30

Highly refined SAE 10 W - 30 grade mineral oil, specifically formulated and developed for 4-stroke air- and water-cooled engines designed for gardening sector applications. Mineral type engine oil containing a special combination of additives that give excellent detergent/dispersant, antioxidant, anticorrisive, and anti-wear properties. Exceeds API SG/CE, MIL - L - 2104 D, MIL - L - 46152 C specifications. Pack: carton 16 pcs x 600 ml. Minimum order: 1 carton.



600 ml container	001001554A
200 l drum	3555024

# Lubricants



# CHAIN LUBE guide bar and chain protector

A compound formulated expressly for the protection of guide bars and chains, based on a balanced blend of oils which are specially resistant to low temperatures. Easily biodegradable. Special additives guarantee appreciable protection against wear and seizure. Good viscosity and pour point. Pack: carton of 12 pcs x 1 l or 4 pieces x 5 l. Minimum order: 1 carton.







1 I can	3455007A
5 I can	3455006A
20 l drum	3455014
200 l drum	3455013

# Special grease

Special high quality lithium grease with molybdenum bisulphide for bevel gear pairs, elastic couplings, hedgetrimmer transmissions, earth auger gear reducers. Recommended for use with all mechanical parts subject to high loads. Exceeds ISO 6743-9; DIN 51825 KPF 2K - 30 specifications. Special grease/125 g tube. Pack: carton. Quantity per carton: 24. Minimum order: 2 cartons. Each equipped with dispenser nozzle and slot for display fixture.



125 g tube	4174238B
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### ADDITIX 2000 EVO special additive for petrol fuels

Special additive ideal for conditioning two-stroke mixture and leaded or unleaded petrol. Prevents deterioration of fuel for at least 12 months and protects against oxidation. Facilitates starting, keeps fuel system clean (up to the intake valves in the case of 4-stroke engines), and protects against rust and corrosion. It also increases the octane rating. The dispersing-detergent agents in the product disperse any traces of water in the fuel. Pack of 24 x 125 ml bottles. Two full doser caps are sufficient for 5 l of petrol.

# Not available for export



# PRO CLEAN multipurpose concentrated degreasing detergent

Thanks to its active ingredient, a small amount of this product is sufficient to obtain excellent results on the most stubborn dirt. It can be used on various surfaces, such as engines, tools for gardening, agriculture and forestry, and motorcycles. The 1-litre bottle is equipped with a spray head. A 5-litre container is also available, which is the optimal solution for refilling the spray bottles. 1-litre size: pack consists of 6 spray bottles. 5-litre size: pack consists of 4 containers. Minimum order: 1 pack.





1 l bottle	3355006A
5 I can	001101222A



# **Sundry Accessories**



# 2-stroke mixture/oil hose

Resistant to UV radiation and deterioration caused by petrol. Pack: loose.



ø 3.2 x 6.4 mm - length 1 m	3502061R
ø 3 x 5 mm - length 1 m	005101079AR

### Starting rope spools

High-strength diamond braided nylon rope for maximum resistance to strain and fraying. Pack: loose.



ø 2.5 mm - 100 m	3503121
ø 3.0 mm - 100 m	3503015
ø 3.5 mm - 100 m	005101050
ø 4.0 mm - 100 m	006101034

### Fuel/oil can

Fuel/oil can, BAM approved, for transporting in the car; red plastic dual purpose can: 6 l petrol + 3 l oil - professional type with graduated scale. Pack: loose.



Fuel/oil can	3355004A

### Fuel can

Fuel can, approved for transporting fuel on the road by the SNCH accreditation agency in compliance with the applicable United Nations standard. Equipped with a flexible extension spout for optimal refueling in all conditions and a "level band" for rapid identification of the remaining fuel level; max capacity 5L. Top quality fuel can, suitable for professional and private use. Pack: carton.



5 I fuel can	4175169A

# Extension cords to C€ - VDE - IMQ standards

Available in various different versions to work easily in the proximity of the home using electric power tools. 250 V/10 A cable 25 m - 3 x 1 mm<sup>2</sup>. Pack: bag.



With Italian plug and Schuko receptacle	001000865R
Schuko receptacle	3044102

### Funnel

Plastic funnel complete with filter mesh; protects the engine from impurities in the oil. Pack: bag.



Funnel	003401054R

### **Combination wrenches**

To remove spark plugs. Also features screwdriver tip for chainsaw chain tensioning. Pack: loose.



19 mm with bar	301000129
17 x 19 mm	2304009R
14 x 21 mm	2304022
10 x 19 mm	2304029
13 x 16 mm	2304017
13 x 19 mm	2304073R
19 x 21 mm	66060414

# **Sundry Accessories**



# Spark plugs

A comprehesive range of spark plugs, expertly developed for the full range of high performance 2 and 4 stroke engines. A combination of innovative materials and special manufacturing methods will guarantee optimum starting, efficient combustion and lower fuel consumption, prolonging the life of the engine and other moving parts. In addition, the use of high quality oils like **PROSINT 2 EVO** and **EUROSINT 2 EVO** ensures that there are fewer unburned residues from combustion, signifying improved performance and less maintenance.



		1	2	3		TORCH		NGK	CHAMPION			ENKER	Quantity	П
Family	Model	mm	pitch	mm	Code	Model	Code	Model	Code	Model	Code	Model	Pack pcs	
	MT 3710 - MT 4110 - MT 4510	19	M14 x 1.25mm	9.5			3055114R	BPMR6A	3055101R	RCJ-7Y			4	١,
	MTTH 2400 - MTH 400 - MTH 4000 - MTH 510 MTH 5100 - MTH 560 - MTH 5600	19	M14 x 1.25mm	9.5		L8RTF			3055104R	RCJ-6Y			10	
Chainsaws	MT 5200	19	M14 x 1.25mm	9.5			3055115R	BPMR7A	3055104R	RCJ-6Y			10	
	MTT 2500 - MTT 3600	16	M10 x 1mm	9.5			3055120R	CMR7A					10	(
	MT 6300 - MT 6500 - MT 6510	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y		RCJ-4			10	
Pruners	PTH 2500	19	M14 x 1.25mm	9.5		L8RTF			3055104R	RCJ-6Y			10	
Trullers	PTX 2710 - PTX 2750	16	M10 x 1mm	9.5			3055120R	CMR7A					10	
Hedgetrimmers	DS 2410 H - DS 2410 HL - DS 2410 HC DS 2410 HCL -TG 2460 P TG 2470 P - TGS 2470 P	16	M10 x 1mm	12.7*			3055112R	CMR7H					10	
	SA 2500	16	M10 x 1mm	9.5			3055120R	CMR7A					10	M
Blowers	SA 2063	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y					10	
	SA 9010	19	M14 x 1.25mm	9.5			3055115R	BPMR7A	3055104R	RCJ-6Y			10	
	DS 4000 - DS 5300 - DS 5300 BOSS DSF 5300 - DSF 5500 - DS 5400 DSF 5400	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y					10	
	DSH 250 - DSH 2500 - DSH 400 DSH 4000 - DSH 500 - DSH 5000	19	M14 x 1.25mm	9.5		L8RTF			3055104R	RCJ-6Y			10	
	STARK 25	19	M14 x 1.25mm	9.5			3055114R	BPMR6A	3055101R	RCJ-7Y	3055109R	FSC75PR	4	
Brushcutters	STARK 2500	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y		RCJ-4				100
	DS 2700 - DS 3000	16	M10 x 1mm	9.5			3055120R	CMR7A					10	
	DS 2410 - DSH 3100	16	M10 x 1mm	12.7 *			3055112R	CMR7H					10	
	8410 - 8460 - 8530 - 8550 BOSS DS 3500 - 8535 ERGO STARK 3810 - STARK 4410	19	M14 x 1.25mm	19			3055115R	BPMR7A	3055104R	RCJ-6Y			10	E
	K 450 - K 605 - K 655 K 805 - K 800	21	M14 x 1.25mm	19					3055123R	RN9YC			10	
Engines EMAK	К 300 Н	21	M14 x 1.25mm	12.7	3055007R	E6RTC							10	7
	K 1250 AVD - K 1450 AVD K 1600 AVD - K 1900 AVD - K 2400 AVD	16	M14 x 1.25mm	19					3055122R	RC12YC			10	-
Water Pumps	MP 3000	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y		RCJ-4			10	
vvater i umps	PA 1050 - PC 1050	19	M14 x 1.25mm	9.5			3055114R	BPMR6A	3055101R	RCJ-7Y			4	
Backpack	AT 2063	19	M14 x 1.25mm	9.5			3055118R	BPMR8Y					10	1
Mistblowers	AT 800 - AT 8000	19	M14 x 1.25mm	9.5			3055115R	BPMR7A	3055104R	RCJ-6Y			10	
Rotary Tillers	MC 350 - MZ 2055 RKS MZ 2075 RKS - MZ 2098 RKS	21	M14 x 1.25mm	19					3055123R	RN9YC			10	
Earth Augers	TR 1551	19	M14 x 1.25mm	9.5			3055114R	BPMR6A	3055101R	RCJ-7Y			4	
Power	PGE 25 DCS - PGE 35 DCS PGE 65 DCS - PGE 65E DCS PGE 80E-3 DCS - PGE 48i S	21	M14 x 1.25mm	19					3055123R	RN9YC			10	
generators	PGE 23i S	16	M10 x 1mm	12,7	L66152480	A5RTC							10	
														1



# Working calmly and efficiently: the peace of mind that comes from safety.

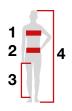
# Size guide

Clothing sizes conversion table

INTERNATIONAL	Х	S	S		М		L		XL		XXL		3XL	
ITALY	38	40	42	44	46	48	50	52	54	56	58	60	62	64
FRANCE	34	36	38	40	42	44	46	48	50	52	54	56	58	60
GERMANY	42	44	46	48	50	52	54	56	58	60	62	64	66	68
SPAIN	34	36	38	40	42	44	46	48	50	52	54	56	58	60
U.K.	24	26	28	30	32	34	36	38	40	42	44	46	48	50
U.S.A.	24	26	28	30	32	34	36	38	40	42	44	46	48	50

Lengths in centimetres for each size (chain-resistant jackets and trousers)

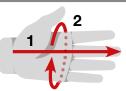
### **INTERNATIONAL**





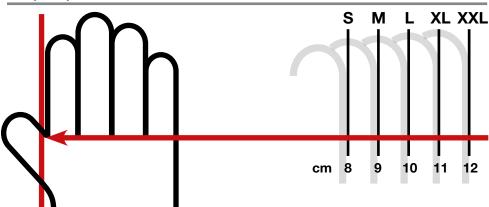
	XS	5	3	N	1	I	_	Х	L	X	XL	3)	<b>(</b> L
1	84-88	95-	-96	100-	-104	108-	-112	116	-120	124	-128	132-	-136
4	152-168	156-	174	164-	-182	174	-190	180-	-196	184	-200	188-	-204
2	68-72	76-	76-80		84-88		92-96 100-104		-104	108-112		116-120	
3	78	8	0	8	2	8	4	8	6	8	6	8	6
4	152/168	156/172	160/174	164/178	170/182	174/186	178/190	180/192	182/196	184/198	186/200	188/200	190/204

Glove sizes table



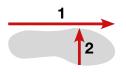
_		
SIZE	1	2
XS	17 cm	17.5-19 cm
S	18 cm	18.5-20 cm
М	19 cm	19.5-21 cm
L	20 cm	20.5-22 cm
XL	21 cm	21-22.5 cm
XXL	22 cm	22-23.5 cm

Use a tape measure to measure the length of the red line and the circumference around the knuckles then find the corresponding glove size in the table. Easily find your size



To find the size quickly, align your right index finger with the red vertical line; the size is determined by the position of your little finger on the black vertical line.

### Boots size table



	Forms	40	41	42	43	44	45	46	47
1	Length cm	26.8	27.5	28.2	28.9	29.6	30.3	31	31.7
2	Width cm	9.6	9.8	10	10.2	10.4	10.6	10.8	11







	Description	Ultra-strong fabric	Standard anti-cut protection	Ultralight anti-cut protection	Performance fabric	Water-repellent	Breathable	Bi-stretch fabric	Multi-stretch fabric	Ventilation zips	Type approval	Cut-resistance class	Anti-cut protective zone	
				sofly	CORDURA	7			*					
	Professional jacket with anti-cut protection	-	-	•	-	•	•	-	-	•	CE	1		Shirip
0 0	Professional Tree Climbing trousers	-	-	•	•	•	•	•	•	-	CE	1		Sitemp
	Professional chain-resistant gloves	•	•	-	-	•	•	•	-	-	CE	1		Sign
	Air-light 3 professional chain-resistant trousers	-	-	•	-	•	•	•	-	•	CE	3		Sitema
	Air-light professional chain-resistant trousers	-	-	•	-	•	•	•	-	•	CE	1		Silina
8	Oversleeves with anti-cut protection	-	•	-	-	•	•	-	-	-	CE	1		trij (d)
	Energy dungarees with anti-cut protection	-	•	-	-	•	•	-	-	-	CE My	1		tri (di
	Energy chain-resistant trousers	-	•	-	-	•	•	-	-	-	CE My	1		tergi (En
nA	Energy leggings with anti-cut protection	-	•	-	-	•	•	-	-	-	CE My	1		tergi (Ch
	Universal light jacket	-	-	-	-	•	•	•	-	-	CE	-	-	Sin
	Professional high-visibility trousers for brushcutter operators	•	-	-	-	•	•	-	-	-	CE	-	-	Si jina
	Belt	-	-	-	-	-	-	-	-	-	CE	-	-	Arleme Flus
MM	Shoulder Straps	-	-	-	-	-	-	•	-	-	CE	-	-	ter Ch



	Description	Ultra-strong fabric	Standard anti-cut protection	Ultralight anti-cut protection	Performance fabric	Water-repellent	Breathable	Bi-stretch fabric	Multi-stretch fabric	Ventilation zips	Type approval	Cut-resistance class	Anti-cut protective zone	
				sofly	CORDURA				*					
	Chain resistant forestry boots	•	•	-	-	•	•	-	-	-	CE	2	77	shano pro
	H <sub>2</sub> OUT chain resistant forestry boots with impermeable membrane	•	•	-	-	Impermeable H <sub>2</sub> OUT	-	-	-	-	CE	2		sh <b>a</b> no
	Chain resistant forestry boots	-	•	-	-	•	-	-	-	-	CE	3		Signo
	Universal utility gloves	•	-	-	-	•	•	-	-	-	CE	-	-	to see an
	Description	Mat Shell st	erial tructure	Face shiel	d material	Noise pr	otection	Frame i	material		Lenses		Type approval	
	Professional protective helmet	Al	38	Nylon	mesh	26	dB				-		CE	a jano
TE	Protective helmet	Al	3S	Metal	mesh	23	dB		-		-		CE	ters (ch
	Professional protective and noise-filtering ear defenders	Pla	stic		-	33	dB				-		CE	si piro
6	Noise filtering ear defenders	Pla	stic		-	30	dB		-		-		CE	tersien
	Noise filtering ear defenders	Pla	stic		-	27	dB		-		-		CE	terifica
-	Dark protective spectacles		-		-	-		Rigid	plastic		-around, a ti-glare in :	nti-scratch sunlight	CE	tous (2)
~	Clear protective spectacles		-		-	-		Polyca	bonate	Wrap-arou	nd, anti-sc	ratch, clear	CE	terifen
	Super-professional mesh face shield	Pla	stic	Metal	mesh	-					-		CE	Ship
	Super-professional polycarbonate face shield	Pla	stic	Polycai	bonate						-		CE	a pro
7	"Plus" mesh face shield	Pla	stic	Metal	mesh	-					-		CE	tes (A)
2	"Plus" polycarbonate face shield	Pla	stic	Polycar	bonate	-			-		-		CE	ters (En

<u>.</u>





# Professional jacket with anti-cut protection

Extremely lightweight and breathable comfort model professional anti-cut safety jacket, reinforced with waterproof fabric with abrasion resistance in the areas most subject to wear. The jacket assures a comfortable fit and freedom of movement for safe use of all chainsaws with cutting speeds of up to **20 m/s**. Anti-cut protection with "Sofly" technology: 5 layers of high-strength anti-cut fabric, extremely light, flexible and breathable. Antibacterial treatment and fast drying performance help to banish odours while enhancing the sensation of freshness and comfort for the wearer. Slim fit.





Safety	<ul><li>Approved to EN</li><li>Category 3 PPE</li><li>Class 1.</li></ul>						
Visibility	<ul> <li>Large orange co visibility.</li> </ul>	ploured trim for the m	aximum daytime an	nd night-time			
Fit	Special 8-layer a	Special 8-layer anti-cut protection (sofly).					
Sizes	S	3255011A	XL	3255003A			
0.200	M	3255001A	XXL	3255004A			
	L	3255002A	XXXL	3255054			









# **Professional Tree Climbing trousers**

Professional chain-resistant trousers specifically designed and made for tree climbing. Extremely lightweight with breathable fabric, these trousers assure a comfortable fit and freedom of movement for safe use of all chainsaws with cutting speeds of up to **20 m/s.** Anti-cut protection for the legs (180° front, 5 cm right inside leg, 5 cm left inside leg), with "Sofly" technology: 5 layers of high-strength anti-cut fabric, extremely light, flexible and breathable. Antibacterial treatment and fast drying performance help to banish odours while enhancing the sensation of freshness and comfort for the wearer. Slim fit.





Safety	<ul> <li>Approved to EN ISO 13688+A1.</li> <li>Approved to EN ISO 11393-2.</li> <li>Type A.</li> <li>Category 3 PPE.</li> <li>Class 1.</li> </ul>					
Fit	<ul><li>Special 5-layer anti-cut protection (sofly).</li><li>Anti-rip protection - RIPSTOP.</li></ul>					
Materials	<ul> <li>Water repellent with SOFIGUARD treatment.</li> <li>94% polyamide, 6% elastham (CORDURA - RIPSTOP).</li> <li>Black reinforcement: 50% polyamide, 45% polyester, 5% elastham.</li> </ul>					
Sizes	42	3255041	50	3255045		
	44	3255042	52	3255046		
	46 3255043 54					
	48	3255044	56	3255048		











# Chain-resistant gloves

Designed to protect the most exposed parts of the body from the risk of cuts when using a chainsaw, approved class 1 (20 m/s). Optimum fit around the fingers to facilitate control and movement. Suitable for use with other power tools (hedgetrimmers, pruners, pruning saws), thanks to thickness and materials that prevent the penetration of thorns, chips and oil.



Safety	<ul> <li>CE approved to EN 388:2016, EN 381-7/99.</li> <li>Category 3 PPE.</li> <li>Class 1 (20 m/sec.).</li> <li>Stretch polyester on the back and Duratexture on the palm.</li> </ul>						
	<ul> <li>Fingers with comfort stitching and stretch fabric.</li> <li>Palm with antivibration insert.</li> <li>Elasticized cuff with Velcro fastener.</li> <li>Reinforcement on back for enhanced wear resistance.</li> <li>High-strength fabric chain protection.</li> </ul>						
Sizes	S-8	3255056	XL-11	3255059	Ι,		
	M-9	3255057	XXL-12	3255060			
	L-10	3255058					









# Air-light 3 professional chain-resistant trousers

Professional chain-resistant trousers, guaranteeing the maximum level of protection, a comfortable fit and freedom of movement for safe use of all chainsaws with cutting speeds of up to **28 m/s.** Anti-cut protection with "Sofly" technology: 8 layers of high-strength anti-cut fabric, extremely light, flexible and breathable. Antibacterial treatment and fast drying performance help to banish odours while enhancing the sensation of freshness and comfort for the wearer. 2 ventilation zips at the rear. Leg protection (180° front, 5 cm right inside leg, 5 cm left inside leg). Slim fit.



Safety	<ul><li>Approved to EN</li><li>Type A.</li></ul>	Category 3 PPE.				
Fit	<ul><li>Excellent fit thanks to the use of bi-stretch fabric.</li><li>Special 8-layer anti-cut protection (sofly).</li></ul>					
Materials		Water repellent with SOFIGUARD treatment.     94% polyamide, 6% elastham.				
Sizes	S	3255090	XL	3255093		
CILCO	M	3255091	XXL	3255094		
	L	3255092				









# Air-light professional chain-resistant trousers

Professional model protective chain-resistant trousers, exceptionally light and breathable, guaranteeing a comfortable fit and freedom of movement for safe use of all chainsaws with cutting speeds of up to **20 m/s.** Anti-cut protection with "Sofly" technology: 5 layers of high-strength anti-cut fabric, extremely light, flexible and breathable. Antibacterial treatment and fast drying performance help to banish odours while enhancing the sensation of freshness and comfort for the wearer. 2 ventilation zips at the rear. Leg protection (180° front, 5 cm right inside leg, 5 cm left inside leg). Slim fit.





Safety	<ul> <li>Approved to EN ISO 13688+A1.</li> <li>Approved to EN ISO 11393-2.</li> <li>Type A.</li> <li>Category 3 PPE.</li> <li>Class 1.</li> </ul>						
Fit		<ul><li>Excellent fit thanks to the use of bi-stretch fabric.</li><li>Special 5-layer anti-cut protection (sofly).</li></ul>					
Materials	<ul><li>Water repellent with SOFIGUARD treatment.</li><li>94% polyamide, 6% elastham.</li></ul>						
Sizes	S	3255082	XL	3255085			
0.200	M	3255083	XXL	3255086			
	L	3255084					









# Oversleeves with anti-cut protection

Chain-resistant oversleeves designed for amateur users and for occasional chainsaw duties. The oversleeves can be donned with ease and they are adjusted by means of ties. Designed to withstand chain speeds of **20 m/s**, orange colour for high visibility and featuring anti-intrusion cuffs.



Safety	<ul><li>CE approved to E</li><li>Category 3 PPE.</li><li>Class 1.</li></ul>	N ISO 11393-6.
Visibility	Orange coloured	fabric.
Materials	<ul><li>Breathable.</li><li>33% cotton, 67%</li><li>245 g/m².</li></ul>	polyester.
Sizes	Universal	3255081















# **Energy dungarees with anti-cut protection**

Dungarees with anti-cut protection, with classic workwear style and 8-layer anti-cut protection for safe use of all chainsaws with cutting speeds of up to 20 m/s. The practical bib incorporates a pocket to carry small objects and tools. Adjustable shoulder straps and side pockets.



Safety	<ul> <li>Approved to EN I</li> <li>Approved to EN I</li> <li>Type A.</li> <li>Category 3 PPE.</li> <li>Class 1.</li> </ul>				tergi)
Visibility	<ul><li> Orange coloured</li><li> Detail of pockets</li><li> Special 8-layer and</li></ul>				Chy Chy
Materials	<ul><li>Breathable, wate</li><li>30% cotton, 70%</li></ul>				H H
Sizes	S	3255070	XL	3255073	
	М	3255071	XXL	3255074	$I \wedge A \wedge I$
	L	3255072	XXXL	3255075	

### **Energy chain-resistant trousers**

Chain-resistant trousers with 8-layer anti-cut protection for safe use of all chainsaws with cutting speeds of up to 20 m/s. Comfortable fit. Leg protection (180° front, 5 cm right inside leg, 5 cm left inside leg). Side pockets, ruler pocket and spark plug wrench pocket.





Safety	<ul><li>Type A.</li><li>Category 3 PPE</li></ul>	Category 3 PPE.			
Visibility	<ul> <li>Side pockets, ru</li> </ul>	<ul> <li>Orange abdominal part.</li> <li>Side pockets, ruler pocket and spark plug wrench pocket, lumbar support.</li> <li>Special 8-layer anti-cut protection.</li> </ul>			
Materials	• 30% cotton, 70°	<ul> <li>Breathable and water repellent.</li> <li>30% cotton, 70% polyester.</li> <li>Certificate KWF STANDARD.</li> </ul>			
Sizes	S M L XL XXL	3255062 3255063 3255064 3255065 3255066			







# **Energy leggings with anti-cut protection**

Anti-cut protective leggings designed for amateur users and for occasional chainsaw duties. Easy-fit, the waistband is adjusted by means of an elasticated strip and the legs are fastened with zips at the rear. 8-layer anti-cut protection for the legs for safe use of all chainsaws with cutting speeds of up to 20 m/s. (180° front, 5 cm right inside leg, 5 cm left inside leg).





Safety		Category 3 PPE.				
Visibility	<ul><li> Orange abdomin</li><li> Detail of pocket.</li><li> Special 8-layer ar</li></ul>					
Materials	<ul><li>Breathable.</li><li>33% cotton, 67%</li><li>245 g/m².</li></ul>	% polyester.				
Sizes	Universal	001001360B				



# Universal light jacket

Extremely lightweight, breathable universal light jacket with large orange-coloured panels for optimal visibility. Excellent fit thanks to the use of bi-stretch fabric. Comfortable fit. Removable sleeves.





	Safety
A	Visibility
	Materials
	Sizes

<ul> <li>Category</li> </ul>	1	PPE.
Catogory	•	

• Large front and rear orange coloured trim for the maximum daytime and

- night-time visibility.
- Water-repellent, wind-proof, breathable.
- 46% polyester, 37% polyamide, 15% polyurethane, 2% elastham.
- 2D fabric, removable sleeves, 2 pockets.

S	3255028A	XL	3255031A
M	3255029A	XXL	3255032A
L	3255030A		



# Professional high-visibility trousers for brushcutter operators

Protective trousers for brushcutter operators, with reflective inserts, high-strength waterproof outer fabric and frontal protection against accidental impact. Comfortable for prolonged use thanks to the two rear ventilation zips and practical storage pocket on the side for keeping valuables safe.





Safety	<ul> <li>Approved to EN ISO 13688.</li> <li>Approved to EN ISO 20471+A1.</li> <li>Category 1 PPE.</li> </ul>					
Visibility	<ul><li>Orange coloured</li><li>Rear ventilation z</li></ul>	<ul> <li>Reflective inserts</li> <li>Orange coloured trims</li> <li>Rear ventilation zips</li> <li>Closed pocket for valuables</li> </ul>				
Materials	Waterproofed fabric 240 gr/m². High strength protection at the front of the leg. Leg protection 30% cotton, 70% polyester.					
Sizes	S	3255012A	XL	3255015A		
	M	3255013A	XXL	3255016A		
	L	3255014A	XXXL	3255061A		



# **Belt and Shoulder Straps**

Belt in woven cotton fabric, of variable length. A very useful accessory when used in combination with work trousers. The metal buckle with quick release and fastening offers extreme usability in a compact design.

Elastic shoulder straps with wide band, adjustable in length and specifically for clothing with buttons, in fluorescent orange colour for greater visibility. Excellent fit and comfort due to the Y-shape design.





Characteristics	<ul><li>Metal buckle with</li><li>Width 30 mm.</li><li>Length 120 mm.</li><li>Black colour.</li></ul>	n quick release/fastening.
Size	One size	3255095R



Characteristics

- 35 mm wide elastic band in fluorescent orange.
- Sliding adjustment system.
- 6 connection loops.
- Braided straps for attaching to buttons.

Size **One size 3655016** 











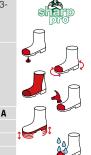


# Chain resistant forestry boots

Combining the characteristics of trekking boots with the safety features required by specific PPE regulations. Chain resistant certified to EN ISO 17249 Class 2 (Category 3 PPE, able to resist chain speeds of up to **24 m/s**). Flexible and comfortable, these boots assure a high level of comfort during work activities, maximising control and mobility. The boots offer excellent grip thanks to the deep channel tread pattern of the sole in anti-oil, antistatic, non-slip nitrile rubber with heat resistance up to 300°C.



Safety	C	CE approval, standards EN ISO 17249:2013, EN ISO 20345:2011, CL2 S3-CI-HI-HRO-SRC, Class 2.     Category 3 PPE. Certified to EU 2016/425.						
Materials	• Br	Water-repellent leather upper.     Breathable nonwoven fabric lining.     High-strength fabric anti-piercing sole plate.     8-layer chain protection from top of foot up to the shin and on the sides.						
Sizes	35 36 37	3655011 3655012 3655013	39 40 41	3655015 001001419A 001000975C	43 44 45	001000977C 001000978C 001000979C	47	001001421A
	38	3655014	42	001000976C	46	001001420A		



# H<sub>2</sub>OUT chain resistant forestry boots

Combining the characteristics of trekking boots with the safety features required by specific PPE regulations. Chain resistant certified to EN ISO 17249 Class 2 (Category 3 PPE, able to resist chain speeds of up to **24 m/s**). Flexible and comfortable, these boots assure a high level of comfort during work activities, maximising control and mobility. The boots offer excellent grip thanks to the deep channel tread pattern of the sole in anti-oil, antistatic, non-slip nitrile rubber with heat resistance up to 300°C. The boots provide the maximum impermeability thanks to the "Tepor" membrane interposed between the upper and the lining.



0.11	01			EN 100 170 1	0.00-	10 FN 100 000	45.00	
Safety	<ul> <li>CE approval, standards EN ISO 17249:2013, EN ISO 20345:2011, CL2 S3-CI-HI-HRO-SRC, Class 2.</li> <li>Category 3 PPE. Certified to EU 2016/425.</li> </ul>							
Materials	Water-repellent leather upper.     Breathable nonwoven fabric lining.     High-strength fabric anti-piercing sole plate.     8-layer chain protection from top of foot up to the shin and on the sides.							
Sizes	40	3655001	42	3655003	44	3655005	46	3655007
0.200	41	3655002	43	3655004	45	3655006	47	3655008



# **Chain resistant forestry boots**

Rugged high boots in rubber for safe use of chainsaws. Protection from cutting, crushing and piercing thanks to the steel toe cap, chain guard protection covering the entire upper and anti-piercing sole plate made of high strength fabric. The boots offer excellent grip thanks to the deep channel tread pattern of the sole in anti-oil, antistatic, non-slip nitrile rubber with heat resistance up to 300°C.



Safety	Category 3 PPE. 0	<ul> <li>CE approval standards EN 345-1 1997, EN 345-2 1996 SB - E, Class 3.</li> <li>Category 3 PPE. Certified to EU 2016/425.</li> <li>KWF PROF certification.</li> </ul>				
Materials	<ul><li>Breathable fabric li</li><li>Protective steel toe</li></ul>	Outer in rubber with non-slip rubber sole with deep cleated tread.  Breathable fabric lining and absorbent felt footbed.  Protective steel toecap, anti-piercing sole plate and ankle guard.  Chain protection on top of foot and on shin.				
Sizes	41	001001079A	44	001001082A		
0.200	42	001001080A	45	001001083A		
	43 001001081A					









# Universal utility gloves

Comfortable, made with chamois leather palm and comfort padding, back in stretch polyester. Knitted cuff and Velcro fastener for easy on/off, maximum comfort also when worn for long periods. No cut protection is provided, so these gloves are suitable for use exclusively with tools that do not call for specific anti-cutting properties (blowers, brushcutters, rotary tillers, etc.). CE approved, mechanical properties to EN 388: abrasion resistance 3, cut resistance 1, tear resistance 2, piercing resistance 2.



Safety	and directive	<ul> <li>CE marking, compliant with EN 420 2003 - AM1: 2009 EN 388: 2003 / 3122 and directive 89/686/EEC.</li> <li>Category 1 PPE.</li> </ul>				
Materials	<ul><li>Comfort p</li><li>Elasticate</li><li>Wrist strap</li></ul>	Back in elasticized polyester and natural leather. Comfort padding on palm. Elasticated cuffs. Wrist strap with Velcro. High strength seams stitched with cotton faced nylon thread.				
Sizes	S-8	3255018	XL-11	3255021		
0.200	M-9	3255019	XXL-12	3255022		
	L-10	3255020				



# **Professional protective helmet**

For the maximum protection of the head and face, ideal for jobs carried out at ground level. Lightweight, comfortable and ventilated. Adjustable face shield, side ventilation openings, integral rain channel and large-size pre-moulded nylon shield. Individually adjustable removable ear protectors.







Visor support (replacement)

3655010R



Chinstrap (accessory)

3655009



Mesh face shield (replacement)

3155018R



Ear defender kit for helmet (replacement)

3155011R

### **Protective helmet**

Helmet with mesh face shield and ear defenders.



Safety	<ul> <li>Helmet certified to EU 2016/425 approved to EN 397:2012+A1:2012.</li> <li>Approved ear defenders to EN 352-3: 1997.</li> <li>Approved face shield to EN 1731/S, EN 166.</li> </ul>					
Materials	Shell in UV-resistant polyethylene. Plastic harness with 4-point suspension. Sweatband and manual adjustment system. SNR 23 dB adjustable ear defenders. Face shield holder. Metal mesh face shield.					
Sizes	Universal	3255010AR				











# Professional protective and noise-filtering ear defenders

Professional ear defenders for maximum hearing protection, 33 dB attenuation.



Safety	<ul><li>EN 352-1 approved ear defenders.</li><li>Category 2 PPE.</li></ul>
Materials	<ul> <li>Shell made of UV-resistant ABS (shock absorbent).</li> <li>Stainless steel headband.</li> <li>Adjustable.</li> <li>Attenuation (SNR): 33 dB.</li> <li>PVC + foam sound insulation.</li> </ul>
Sizes	Universal 3155118R



# Noise filtering ear defenders

Ear defenders for excellent hearing protection, 30 dB attenuation.



Safety	<ul><li>EN 352-1 approved ear defenders.</li><li>Category 2 PPE.</li></ul>
Materials	<ul> <li>Shell in ABS.</li> <li>Plastic + stainless steel headband.</li> <li>Adjustable.</li> <li>Attenuation (SNR) 30 dB.</li> <li>PVC + foam sound insulation.</li> </ul>
Sizes	Universal 001000835



# Noise filtering ear defenders

Ear defenders for excellent hearing protection, 27 dB attenuation.



Safety	<ul><li>EN 352-1 approved ear defenders.</li><li>Category 2 PPE.</li></ul>
Materials	<ul> <li>Shell in PVC.</li> <li>Plastic headband.</li> <li>Adjustable.</li> <li>Attenuation (SNR): 27 dB.</li> <li>PVC + foam sound insulation.</li> </ul>
Sizes	Universal 4175114





# **Dark protective spectacles**

Versatile, lightweight and ergonomic protective spectacles, dark lens.



Safety	<ul><li>EN 166 approved protective spectacles.</li><li>Optical class 1.</li></ul>		
Materials	<ul> <li>Wrap-around clear anti-scratch lens, anti-glare in sunlight, resistant fogging.</li> <li>Brow-pad, temples and nose bridge in soft anti-slip thermoplastic, greater comfort and greater protection against dust and droplets. The wraparound lens offers a wide field of vision, while the adjustate temple and lens inclination allows for a customised fit.</li> <li>Mechanical strength: Lens FT - Frame FT.</li> </ul>		
Sizes	Universal	3155026BR	



# Clear protective spectacles

Adjustable, lightweight and ergonomic protective spectacles, clear lens.



Safety	<ul> <li>Protective spectacles approved to EN 166 (2C-1.2 1FTKN / Z87+U6).</li> <li>Optical class 1.</li> </ul>		
Materials	fogging.  • Brow-pad, templ greater comfort a The wraparound temple and lens	ear anti-scratch lens, anti-glare in sunlight, resistant to soles and nose bridge in soft anti-slip thermoplastic, for and greater protection against dust and droplets. It lens offers a wide field of vision, while the adjustable inclination allows for a customised fit.  ngth: Lens FT - Frame FT.	
Sizes	Universal	3155027AR	



# Super-professional face shield

Professional lightweight ergonomic face shield for the maximum safety, mesh and polycarbonate protection.



Safety	• EN 1731-S appr	oved.
Materials	PVC structure, replaceable and adjustable metal mesh face shield.     Foam brow band.	
Sizes	Universal	001000939A





Safety	<ul><li>EN 166 approved</li><li>Optical class 1, m</li></ul>	I. nechanical strength B.
Materials	PVC structure, polycarbonate face shield, antifogging, adjustable, replaceable.  Foam brow band.	
Sizes	Universal	001000940A



# Plus face shield

Lightweight ergonomic face shield for the maximum safety, mesh and polycarbonate protection.



Safety	<ul><li>EN 1731-F approved.</li><li>Optical class 1, mechanical strength B.</li></ul>	
Materials	<ul><li>PVC structure, metal mesh face shield, adjustable, replaceable.</li><li>Foam brow band.</li></ul>	
Sizes	Universal	001000941A





Safety	<ul><li>EN 166 approved</li><li>Optical class 1, n</li></ul>	d. nechanical strength B.
Materials	<ul> <li>PVC structure, polycarbonate face shield, antifogging, adjustable, replaceable.</li> <li>Foam brow band.</li> </ul>	
Sizes	Universal	001000942A









Excellent fit and comfort for all seasons, to make working outdoors even more enjoyable.









# Сар

6-panel baseball cap. Made to offer style and functionality, it features HD customisation on the front and tricolour label sewn on the back. The contrasting colour plastic closure adds a touch of modernity.



Details	6 panels, HD log and piping in contri	o on the front. Sewn tricolour woven label. Plastic closure rasting color.
Materials	• 100% chino cott	on.
Sizes	Universal	3255126

### Winter hat

Winter hat, iconic shape with turned-up edge. Versatile and extremely hard-wearing. Flat embroidery on the front and tricolour label sewn on the edge flap.



Details	• Flat embroidery of	on the front, woven tricolour label sewn on the side.
Materials	• 100% acrylic.	
Sizes	Universal	3255127

# **Neck gaiter**

Soft and thin neck gaiter in 100% polyester with multiple uses. Measures 24x48cm, 130 gsm all-over sublimation printed, white on the reverse.



Details	Sublimation print	ting on both sides.
Materials	• 100% polyester.	
Sizes	Universal	3255128



### T-shirt

Crew neck T-shirt with a technical and sophisticated look. Made of high-quality jersey cotton, it is soft and breathable for maximum comfort. The exclusive details and customisations give it a unique identity, making it a distinctive workwear item.



Details	Logo on front and back with 3D effect, tricolour label sewn on the side, collar sweatband with two-tone stripe, contrasting insert stripe on the shoulders.		
Materials	• 100% cotton jersey 160 gsm with enzyme wash.		
	, ,		
Sizes	M	3255000	
	L	3255097	
	XL	3255098	
	XXL	3255099	

### Polo shirt

Polo shirt with a technical and sophisticated look. Made of soft and breathable cotton piqué, it offers comfort and freshness all day long. The details and exclusive customisations give a unique personality, while the ribbed collar and three-button placket complete the refined look.



Details	collar swea	Logo on front and back with 3D effect, tricolour label sewn on the side, collar sweatband with two-tone stripe repeated on the placket and vents, contrasting insert stripe on the shoulders.		
Materials	• 100% cott	• 100% cotton piqué 190 gsm.		
		- 1- 1- 1		
Sizes	M	3255100		
Sizes	L	3255101		
	XL	3255102		
	XXL	3255103		

### **Sweatshirt**

Soft, with brushed interior, offers comfort, warmth and practicality. Equipped with a practical long zip and front pockets, it is perfect for a casual yet sophisticated look. The exclusive details and customisations give it a unique identity, making it a distinctive workwear item.



Details	<ul> <li>Full zip, logo on front and back with 3D effect, tricolour label sewn on pocket edge, collar sweatband with two-tone stripe, contrasting insert stripe on shoulders and along the front zip, comfortable front pockets, ergonomic zip puller.</li> </ul>		
Materials	• 80% cotton 20% polyester with enzyme wash 290 gsm and brushed interior.		
Sizes	M	3255104 3255105	
	L		
	XL	3255106	
	XXL	3255107	





### Gilet

Full zip polar fleece gilet that is both sporty and technical at the same time. Made of soft and warm fleece. The soft material with anti-pill treatment ensures longevity. Shoulders and chest are lined with jacket fabric for greater protection in the open air. The front zip pockets offer practicality and security for personal effects. The unique details and customisations give this gilet a distinctive and modern look. It is suitable for wearing over other garments, for the first cold spells of the year or under a lightweight jacket for added warmth.



Details	Full zip, logo on front and back with 3D effect, tricolour label sewn on side, collar sweatband with two-tone stripe, contrasting insert stripe on the shoulders and along the front zip, handy front pockets, ergonomic zip pullers, inserts in windproof/waterproof jacket fabric.	
Materials	• 100% polar fleece 220 gsm internal and external anti-pill/reinforced with fabric, 100% polyester jacket fabric with windproof/waterproof treatment.	
Sizes	M 3255112	
01263	L 3255113	
	XL 3255114	
	XXL 3255115	

### **Fleece**

Full zip jacket in polar fleece for a sporty and technical look at the same time. Made of soft, warm fleece with anti-pill treatment to ensure longevity. Shoulders and chest are lined with jacket fabric for greater protection in the open air. The front pockets closed by zips with ergonomic pullers offer practicality and safety for personal effects. The details and unique customisations give this jacket a distinctive and modern look. It is suitable for wearing over other garments or under a lightweight jacket for added warmth.



Details	side, collar sweat	ront and back with 3D effect, tricolour label sewn on band with two-tone stripe, contrasting insert stripe on the ong the front zip, handy front pockets, ergonomic zip windproof/waterproof jacket fabric.
Materials	• 100% polar fleece 220 gsm internal and external anti-pill/reinforced with fabric, 100% polyester jacket fabric with windproof/waterproof treatmen	
0:	M	3255108
Sizes	L	3255109
	XL	3255110
	XXL	3255111

### **Outdoor Clothing**



#### Lightweight jacket

Hooded jacket, soft, lightly padded with thermal wadding. The zips and fabric have a windproof and anti-drop treatment, ideal for daily use, also suitable for adverse weather conditions. It is a garment that protects from the first cold spells, is not bulky and does not restrict movement, suitable for wearing over the mid-layers in the collection during the colder months, distinguished by an urban and casual look. The exclusive details and customisations give it a unique identity, making it a distinctive workwear item.



Details	label sewn on the	th hood, logo on front and back with 3D effect, tricolour e side, padded with thermal wadding, elastic edges, large fabric with windproof/waterproof treatment, ergonomic
Materials	• 100% polyester of	outer shell, padded lining.
Sizes	M	3255116
31262	L	3255117
	XL	3255118
	XXL	3255119

#### Denim jeans

Work jeans in stretch denim fabric, practical and tough. Features cargo pockets with Velcro closure and a tool pocket with hammer slot, it offers convenience, toughness and the practicality of having everything to hand.



Details		pocket trousers, logo on cargo pocket and belt loop, wn on side, stretch denim with tool pocket and hammer
Materials	• 98% cotton 2% elastane, 10.5 ounce.	
Sizes	S M	3255120 3255121
	L	3255122
	XL	3255123
	XXL	3255124
	XXXL	3255125



Performance, power and reliability.



# **Emak Engines**





# Easy to start, reliable and available in different configurations.

These vertical shaft engines are supplied in different displacements to satisfy every need. All models are high-powered, easy to start and simple to operate, as well as complying with mandatory environmental standards (Stage 5).

- Easy starting: with the Auto-Choke system, starting is easy and instantaneous, whatever the temperature.
- Paper filter: easy to clean and with a large filtering surface, it protects and extends the life of the engine.
- Ergonomic design: compact engine, with soft and tapered lines, limits interference under hedges and in the external environment.
- Total compatibility: these compact, lightweight engines are available in various displacements, suitable for different decks.
- Easy maintenance: cleaning the various components (air filter, spark plug, starter casing, etc.) and changing the engine oil are facilitated by the structural layout.



#### Stage 5

Low environmental impact engine certified to current European standards (STAGE 5).



#### **OHV** technology

Overhead valve engine layout, optimal combustion and consistent performance during heavy-duty use.



#### **Auto Choke**

System for opening and closing the throttle to regulate the flow of air into the carburettor.



#### iK-GO

Emak engine with electric starter powered by a rechargeable battery.



#### Gasoline

Petrol-powered engine.



#### Electric starter

Engine with electric starter device.



# **Emak Engines Gardening Line**

## The range











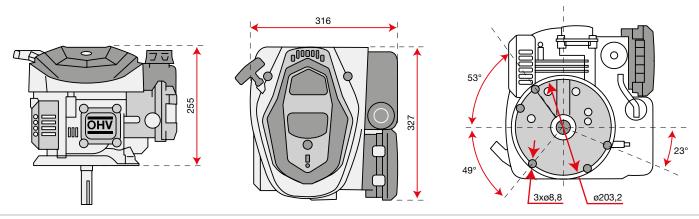
OHV

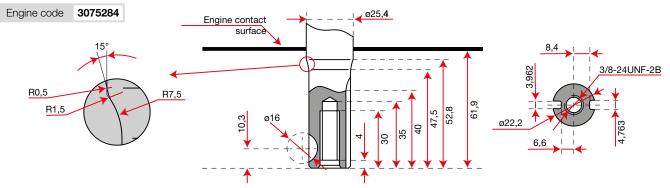


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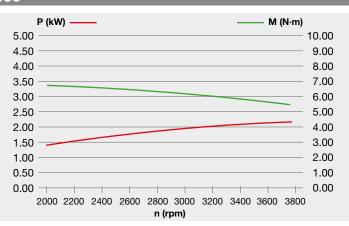


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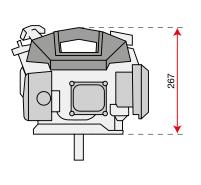
Net power	2.8 HP - 2.1 kW / 3600 rpm
Net torque	6.5 N.m / 2500 rpm
Bore × Stroke	65 mm × 37 mm
Displacement	123 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	0.9 L
Engine oil capacity	0.5 L
Dimension	385 × 340 × 267 mm
Net weight	8.5 kg

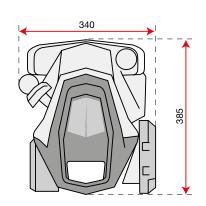


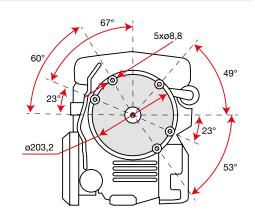


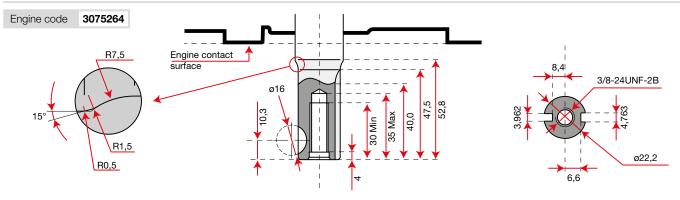


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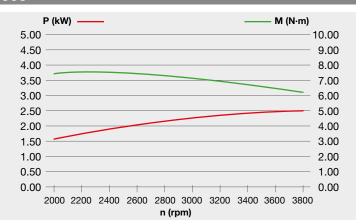








Net power	3.3 HP - 2.4 kW / 3600 rpm
Net torque	7.5 N.m / 2500 rpm
Bore × Stroke	65 mm × 42 mm
Displacement	139 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	1.4 L
Engine oil capacity	0.5 L
Dimension	385 × 340 × 267 mm
Net weight	9.2 kg







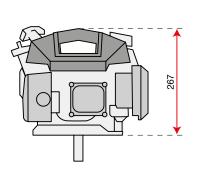


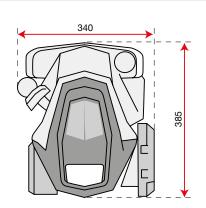


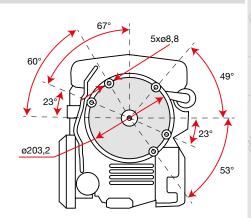


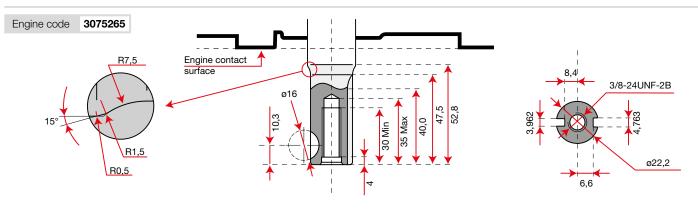


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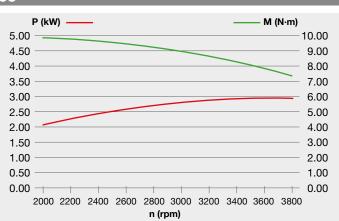








Net power	3.9 HP - 2.9 kW / 3600 rpm
Net torque	9.5 N.m / 2500 rpm
Bore × Stroke	65 mm × 50 mm
Displacement	166 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	1.4 L
Engine oil capacity	0.5 L
Dimension	385 × 340 × 267 mm
Net weight	9.2 kg









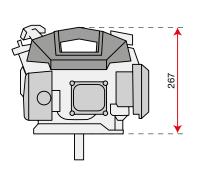


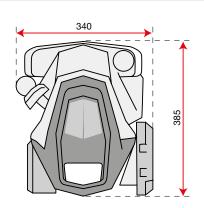


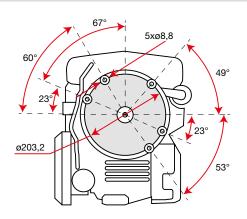


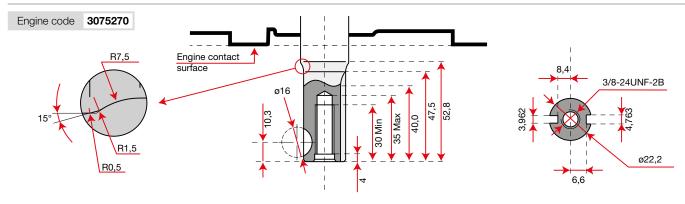


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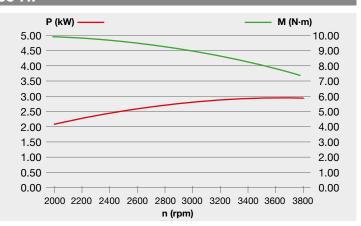






#### K 655 HF

Net power	3.9 HP - 2.9 kW / 3600 rpm
Net torque	9.5 N.m / 2500 rpm
Bore × Stroke	65 mm × 50 mm
Displacement	166 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	1.4 L
Engine oil capacity	0.5 L
Dimension	385 × 340 × 267 mm
Net weight	10.5 kg









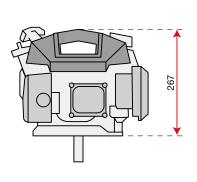


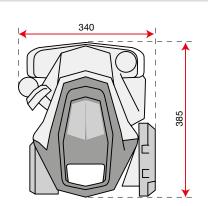
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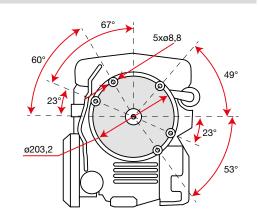
**T**gasoline

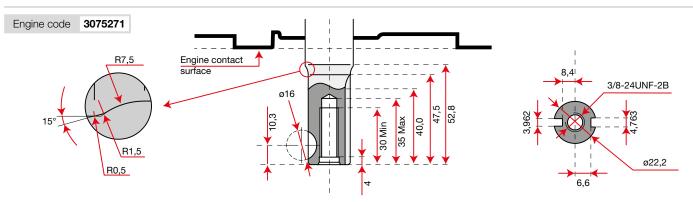


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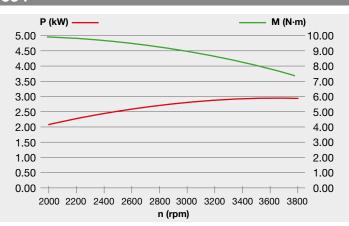






#### K 655 i

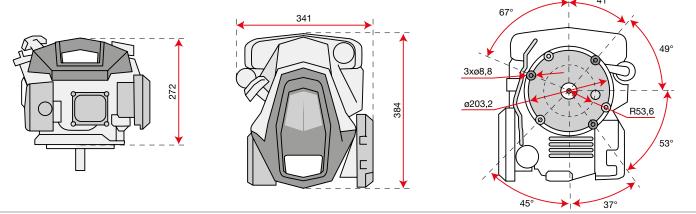
Net power	3.9 HP - 2.9 kW / 3600 rpm
Net torque	9.5 N.m / 2500 rpm
Bore × Stroke	65 mm × 50 mm
Displacement	166 cm <sup>3</sup>
Starting	recoil start/electric
Fuel capacity	1.4 L
Engine oil capacity	0.5 L
Dimension	385 × 340 × 267 mm
Net weight	10.7 kg

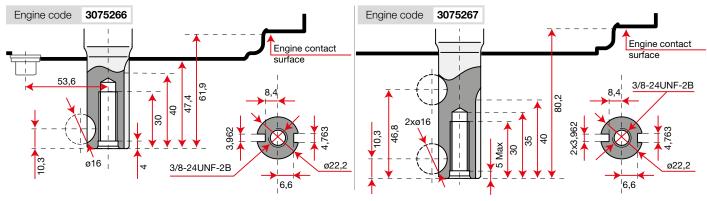




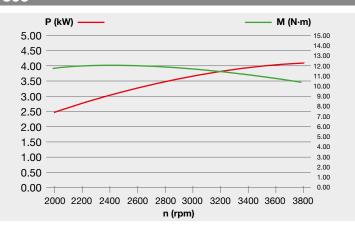


#### **Dimensions**





Net power	5.4 HP - 4.0 kW / 3600 rpm
Net torque	12 N.m / 2500 rpm
Bore × Stroke	70 mm × 50.84 mm
Displacement	196 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	1.4 L
Engine oil capacity	0.5 L
Dimension	384 × 341 × 272 mm
Net weight	12.8 kg







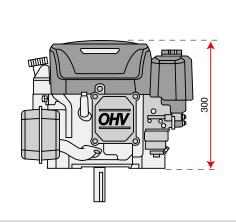


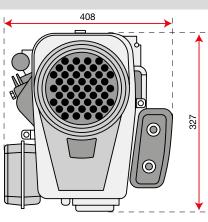


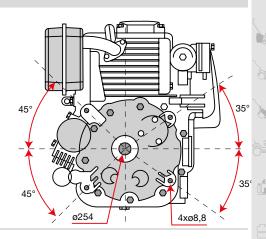


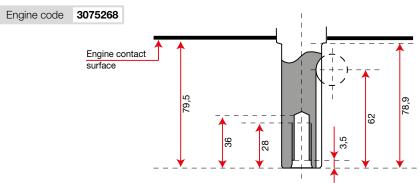


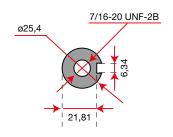
#### **Dimensions**











Net weight	31 kg
Dimension	432 × 408 × 300 mm
Engine oil capacity	1.2 L
Fuel capacity	not available
Starting	electric
Displacement	413 cm <sup>3</sup>
Bore × Stroke	88 mm × 68 mm
Net torque	22 N.m / 2600 rpm
Net power	11.7 HP - 8.6 kW / 3600 rpm

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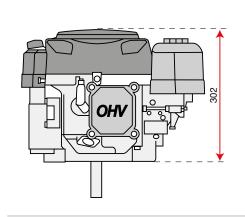


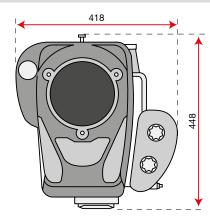


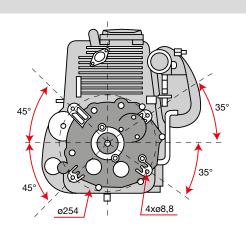


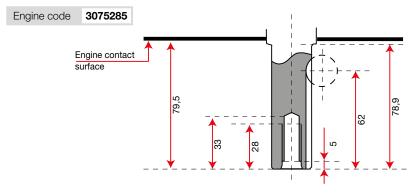


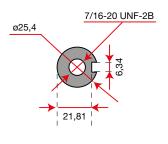
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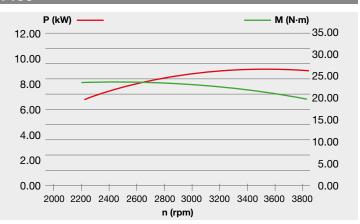








Net power	12 HP - 8.8 kW / 3600 rpm
Net torque	24 N.m / 2600 rpm
Bore × Stroke	90 mm × 68 mm
Displacement	432 cm <sup>3</sup>
Starting	electric
Fuel capacity	not available
Engine oil capacity	1.2 L
Dimension	448 × 418 × 302 mm
Net weight	32.5 kg







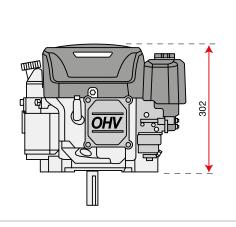
OHV

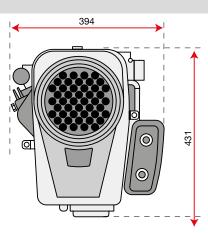
**T**gasoline

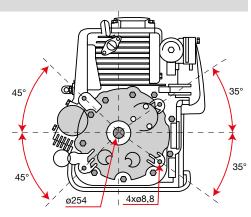




#### **Dimensions**

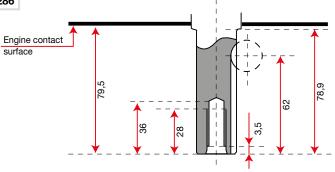


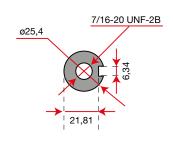




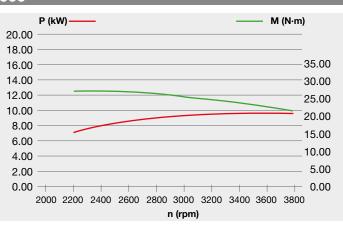
Engine code 3075286

Engine contact





Net power	12.5 HP - 9.2 kW / 3600 rpm
Net torque	27 N.m / 2600 rpm
Bore × Stroke	92 mm × 68 mm
Displacement	452 cm <sup>3</sup>
Starting	electric
Fuel capacity	not available
Engine oil capacity	1.2 L
Dimension	432 × 294 × 302 mm
Net weight	31 kg









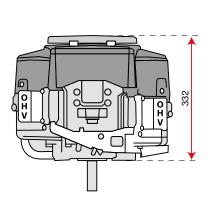


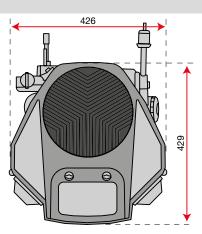


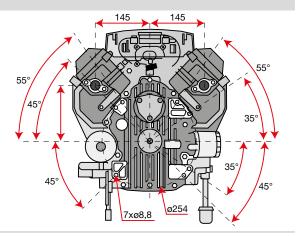


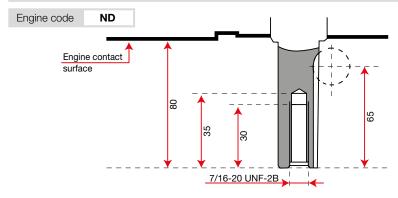


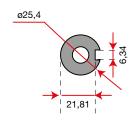
#### **Dimensions**





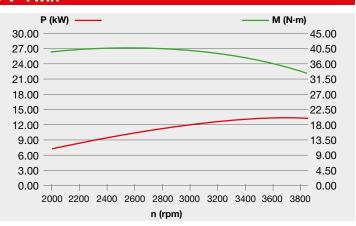






#### K 1900 V-Twin

Net power	18.5 HP - 13.6 kW / 3600 rpm
Net torque	36 N.m / 3600 rpm
Bore × Stroke	73 mm × 70 mm
Displacement	586 cm <sup>3</sup>
Starting	electric
Fuel capacity	not available
Engine oil capacity	1.7 L
Dimension	430 × 425 × 412 mm
Net weight	36 kg





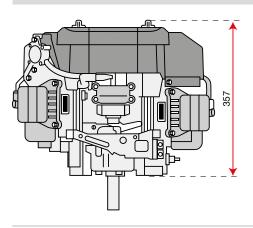


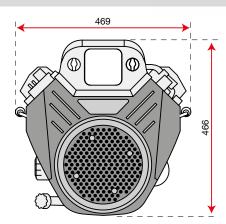


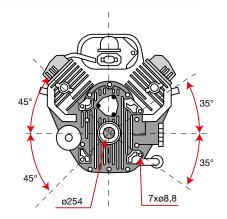


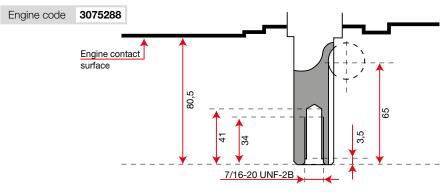


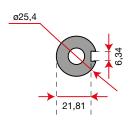
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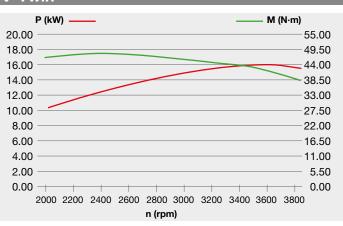






#### K 2400 V-Twin

Net power	21.7 HP - 16 kW / 3600 rpm
Net torque	47.5 N.m / 2400 rpm
Bore × Stroke	77 mm × 76 mm
Displacement	708 cm <sup>3</sup>
Starting	electric
Fuel capacity	not available
Engine oil capacity	1.8 L
Dimension	466 × 469 × 357 mm
Net weight	43 kg





# Performance, power and reliability. Petrol or Diesel-powered versions for every type of use.

These horizontal shaft engines are supplied with different displacements and power outputs to satisfy every need. They are high-powered, easy to start and simple to operate, as well as complying with mandatory environmental standards (Stage 5). The distribution system and overhead valves (OHV) ensure a longer service life.

- Easy starting: distribution system and large recoil starter pulley for safe and effortless starting.
- Oil bath filter with two stages, sponge and oil; retains any impurities before they enter the combustion chamber, extending the life cycle of the engine.
- Total compatibility: these compact, powerful petrol or diesel engines, also available with an electric starter, are suitable for a variety of agricultural uses.
- Easy maintenance: cleaning the various components (oil filter, spark plug, starter casing, etc.) and changing the engine oil are facilitated by the structural layout.



#### Stage 5

Low environmental impact engine certified to current European standards (STAGE 5).



#### **OHV** technology

Overhead valve engine layout, optimal combustion and consistent performance during heavy-duty use.



#### Oil bath filter

Oil-bath air filter system. Retains even the finest dust particles.



#### **Automatic decompressor**

Reduces the operator effort required during the starting phases. Automatic management of the decompression system.



#### KeyGo

Electric starter device. The engine is activated by a key-operated switch.



#### Gasoline

Petrol-powered engine.

#### Diesel

Diesel-powered engine.



# Emak Engines Agriculture Line

### The range



K 300 H



K 800 H K 800 HC K 800 HT



K 900 H K 900 HR



K 1100 H



K 7000 HD K 7000 HDR



K 9000 HD







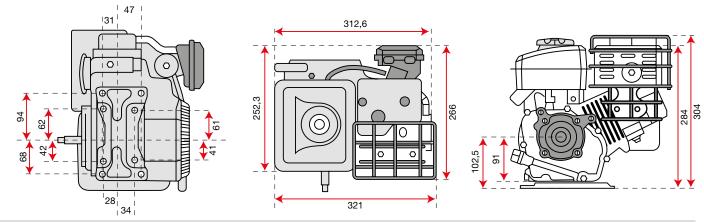


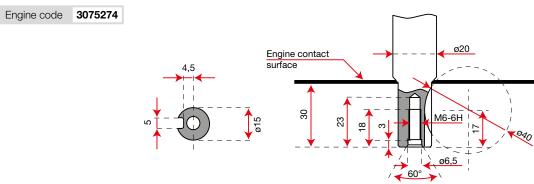






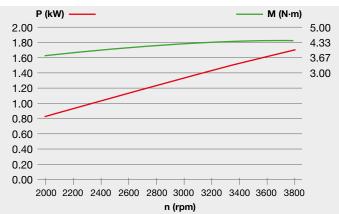
#### **Dimensions**





### K 300 H

Net power	2.2 HP - 1.65 kW / 3600 rpm
Net torque	4.5 N.m / 3450 rpm
Bore × Stroke	48.6 mm × 43 mm
Displacement	80 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	1.6 L
Engine oil capacity	0.35 L
Dimension	325 × 260 × 310 mm
Net weight	12.8 kg







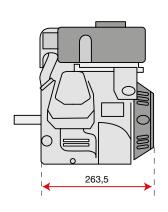


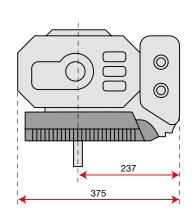


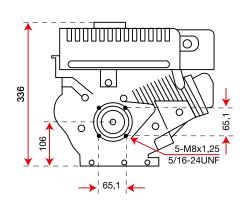


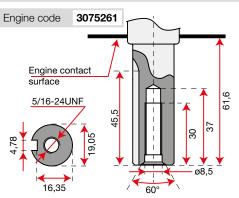


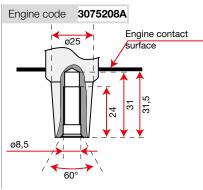
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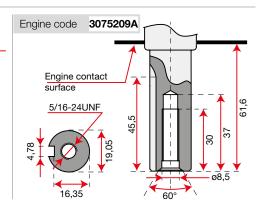






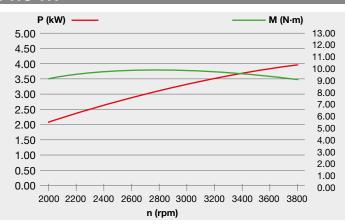






#### K 800 H-HC-HT

Net power	5.7 HP - 4.2 kW / 3600 rpm
Net torque	10.8 N.m / 2500 rpm
Bore × Stroke	65 mm × 55 mm
Displacement	182 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	3.0 L
Engine oil capacity	0.6 L
Dimension	263.5 × 375 × 336 mm
Net weight	16 kg









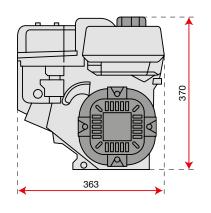


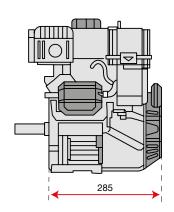


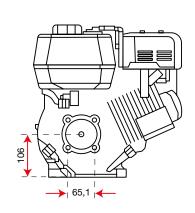


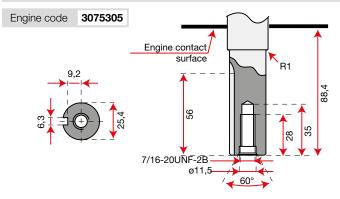


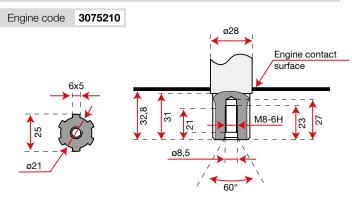
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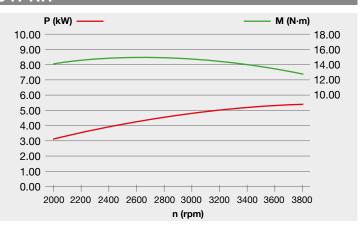






#### K 900 H-HR

Net power	7.0 HP - 5.2 kW / 3600 rpm
Net torque	15.6 N.m / 2600 rpm
Bore × Stroke	75 mm × 57 mm
Displacement	252 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	4.0 L
Engine oil capacity	0.7 L
Dimension	363 × 285 × 370 mm
Net weight	16.5 kg







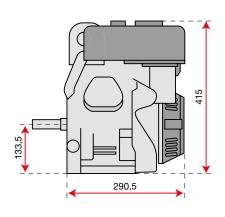


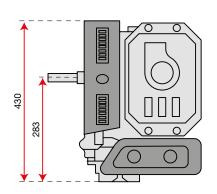


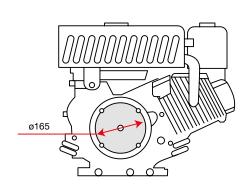
**S**gasoline



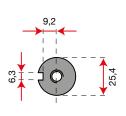
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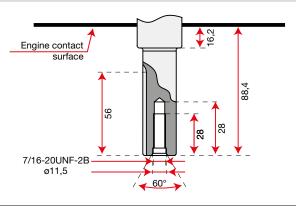






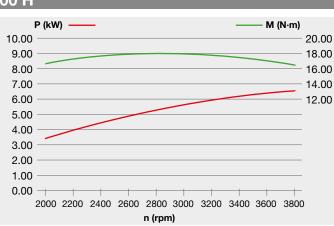
Engine code 3075070A





#### K 1100 H

Net power	8.4 HP - 6.2 kW / 3600 rpm
Net torque	18.5 N.m / 2500 rpm
Bore × Stroke	80 mm × 60 mm
Displacement	302 cm <sup>3</sup>
Starting	recoil start
Fuel capacity	4.6 L
Engine oil capacity	0.9 L
Dimension	290.5 × 430 × 415 mm
Net weight	26.5 kg

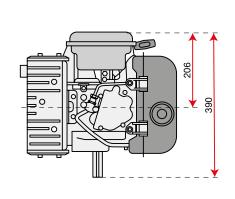


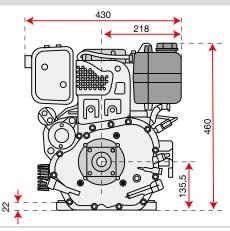


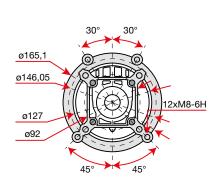


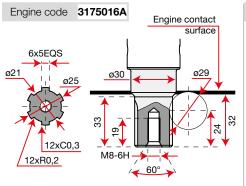


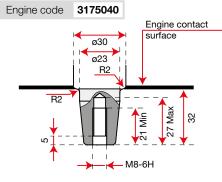
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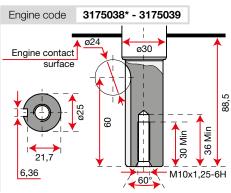






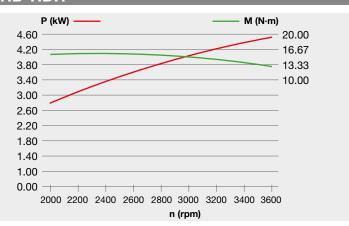






#### K 7000 HD-HDR

Net power	6.7 HP - 4.9 kW / 3600 rpm
Net torque	15.5 N.m / 2400 rpm
Bore × Stroke	78 mm × 73 mm
Displacement	349 cm <sup>3</sup>
Starting	recoil start recoil start/electric*
Fuel capacity	3.5 L
Engine oil capacity	1.1 L
Dimension	390 × 430 × 460 mm
Net weight	39 kg 44 ka*



<sup>\*</sup> electric version (Engine code 3175038)









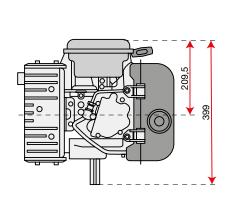


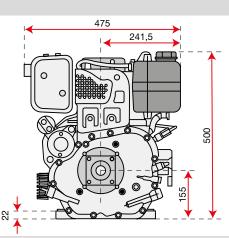


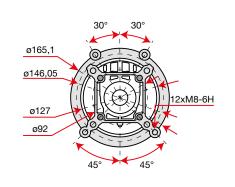


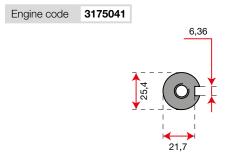


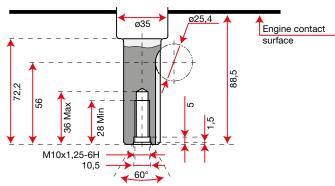
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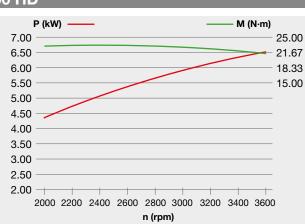






#### K 9000 HD

Net power	9.2 HP - 6.8 kW / 3600 rpm
Net torque	22 N.m / 2400 rpm
Bore × Stroke	86 mm × 76 mm
Displacement	441 cm <sup>3</sup>
Starting	recoil start/electric
Fuel capacity	4.5 L
Engine oil capacity	1.6 L
Dimension	399 × 475 × 500 mm
Net weight	51 kg





# **General warnings**

Data and illustrations published in the catalogue are not binding where specifications of materials are concerned, given that these will always be subject to technical improvement. Technical specifications given in the catalogue are subject to change without notice, as also are directions relating to general use of the equipment.

Certain items are not available in all countries, or are available only on request.











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