



Product Catalogue 2017





Symbols

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	EasyOn User-friendly starting system ensures a smooth pick-up of the engine with no kickback, and limits the number of pulls required.
	Decompressor The compression ratio in the cylinder reduces when the starter is pushed in, allowing the engine to be started with less effort.
	Lateral chain tensioner This device simplifies tensioning adjustments while avoiding any contact with the chain.
	OnBoard Clutch Reduces the risk of the clutch jamming and simplifies routine maintenance while also making for easier chain replacements.
	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.
	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.
	4-Stroke Four-stroke engines that reduce unburned hydrocarbon emissions by up to 85% and nitrogen oxide emissions by up to 65%. Tiltable through 360°, they run smoothly in any position.
	AlwaysOn On/off switch that returns automatically to the "on" position after each stop, thus eliminating the risk of flooding the carburettor.
	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).
	4-cutting device Versatile cutting system that includes mulching, collection and side discharge as standard, with optional deflector for rear discharge.
	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.
	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.

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Product 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.



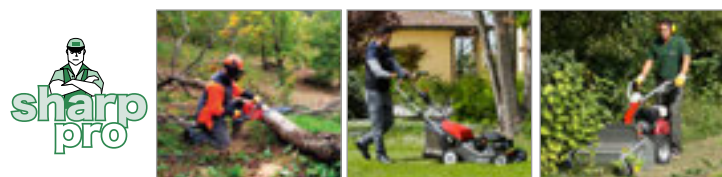
Home-plus

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 disinfection tasks. Designed adopting solutions certain to ensure high work rates and maximum durability over time.



Sharp-pro

No-nonsense everyday tools for the busy professional, these are machines that stand out for the toughness of their components, their high performance and their matchless long-term durability. Specific materials used in construction guarantee unwavering quality even when tackling the most severe and lengthy of tasks, like forestry work and the clearance of uncultivated areas or scrub and undergrowth.



The Emak Group

Our vision:

"Innovative solutions to offer the customer the best possible value"

We aim to be among the world's foremost players in the development, production and distribution of machines, components and accessories for lawn and garden maintenance, agriculture, forestry and industry, providing innovative products and services to maximise efficiency and convenience for our consumer and professional clients, ensuring they receive the best possible value.

The Emak Group concentrates its efforts on achieving **satisfaction among its clients** with an offering of advanced technological solutions and services characterized by impeccable standards of reliability and innovation and the creation of value to benefit all its stakeholders.

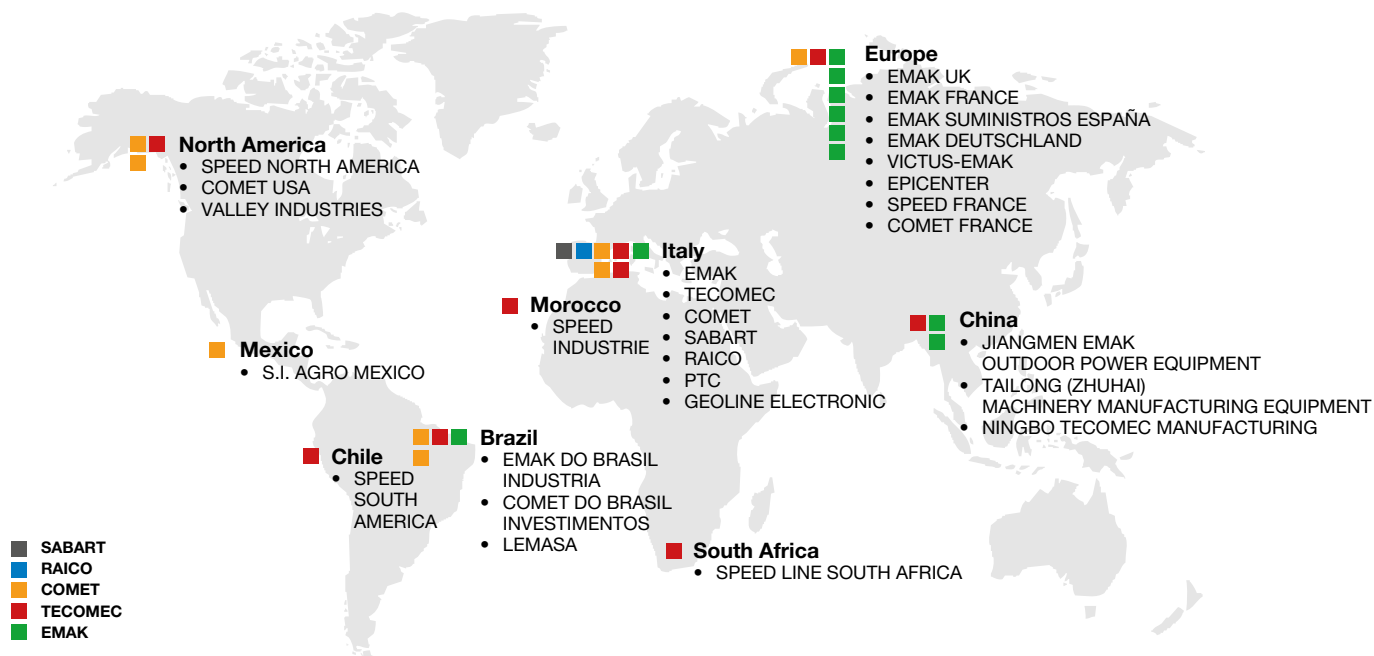
In order to achieve its goals the Group bases its activity on specific critical success factors:

- **product quality and innovation**
- **level of service**
- **competitiveness**
- **strengthening of the distribution network**
- **development of human resources and customer relations**

The group is mindful of its role in social and economic affairs so it endeavours to pursue growth while creating value that will benefit not only the company but all parties with an interest in the Group and its business, combining:

- **economic sustainability**, meaning the commitment to invest in the growth of the company and the Group, guaranteeing continuity over time, by implementing a strategy based on fundamental critical success factors
- **social sustainability**, meaning the willingness to assume responsibility for the legitimate expectations of stakeholders and ensure that the value created is redistributed in accordance with common interest principles
- **environmental sustainability**, through the identification, regulation, control and gradual reduction of environmental impacts deriving directly or indirectly from the activity of the company.

The new Group is composed of 28 international affiliates in 14 countries





Group structure

The Emak Group operates on the world market, handling distribution direction in Italy and in another ten foreign markets - **USA, France, Germany, UK, Spain, Poland, Ukraine, China, South Africa, Chile** and **Brazil** - through subsidiary companies, offering a **vast assortment of products** with recognized brands and addressing a highly diversified customer target group.

Outdoor Power Equipment includes the development, manufacture and marketing of products for gardening and forestry duties and small agricultural machines such as brushcutters, lawnmowers, garden tractors, chainsaws, rotary tillers and motor hoes. The Group distributes its products under the **Oleo-Mac, Efco, Bertolini, Nibbi** and **Staub** brand names (Staub is present exclusively on the French market).

Pumps and High Pressure Water Jetting covers the business of developing, manufacturing and marketing diaphragm pumps for the agricultural sector (irrigation and spraying), piston pumps for the industrial sector, professional high-pressure washers, hydrodynamic units, and urban cleaning machines. The Group distributes its products under the **Comet, HPP, P.T.C., Master Fluid, Lemasa** brand names.

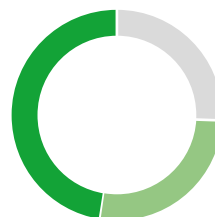
Components and Accessories for the above sectors. A selection of the most representative items carried includes: brushcutter line and line heads, chainsaw accessories, spray guns, valves and nozzles for pressure washers and for agricultural applications, precision farming components (sensors and computers), seats and general spare parts for garden tractors. Group operations in this sector are conducted partly through its registered brand names **Tecomec, Speed, Geoline, Geoline Electronic, Mecline, Sabart**, and **Raico**.

SALES AT 31/12/2015

€ 381.6m

BREAKDOWN OF SALES BY SECTOR

Outdoor Power Equipment
46%

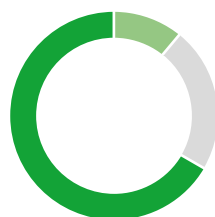


Pumps and High Pressure Water Jetting
26%

Components and Accessories
28%

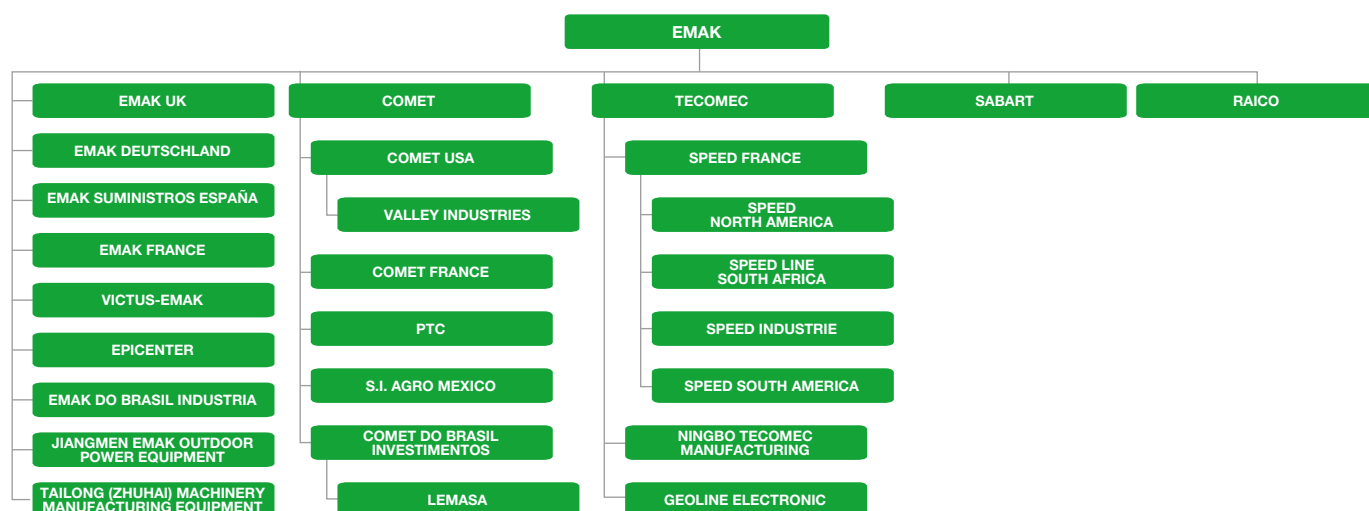
BREAKDOWN OF SALES BY GEOGRAPHICAL AREA

Europe
67%



Asia, Africa and Oceania
11%

Americas
22%





Emak in short

The green of Emak is an assurance of quality, innovation and completeness. Because Emak is a leading company that always looks forward, anticipates solutions and raises standards.

The green of Emak is a green produced with care and respect, passion and design, crafted in harmony with nature and characterised by cutting-edge technology.

That's why Emak, through its **Efco, Oleo-Mac, Bertolini and Nibbi brands**, represents a benchmark for professionals and hobbyists in lawn and garden maintenance. In every single aspect. In fact, the firm's product range includes **over 250 models designed for all types of activity**. Chain saws, brushcutters, lawnmowers, garden tractors, hedgetrimmers, rotary tillers, rotary cultivators, cutterbar mowers, transporters and much more besides, for jobs of varying intensity, power and frequency.

There's an Emak for everyone.

A group with the right numbers

4 commercial brands, 4 production units, 8 branches, 135 distributors, 85 countries covered, 22,000 retail outlets served, 22 product families, more than 250 models.

Each of these numbers has its own story and development but taken together they provide a general overview of a company that continues to grow and expand. In terms of both its offering and its reference market. In fact, each year Emak adds new models to its range and strengthens its market presence on the five continents. The Emak brand is a well-established and reputed international company, a benchmark in petrol engine technology and its applications in the sector. Numerous accolades awarded by leading international institutes demonstrate and reiterate the quality and excellence of the company's designs.

Certified awareness

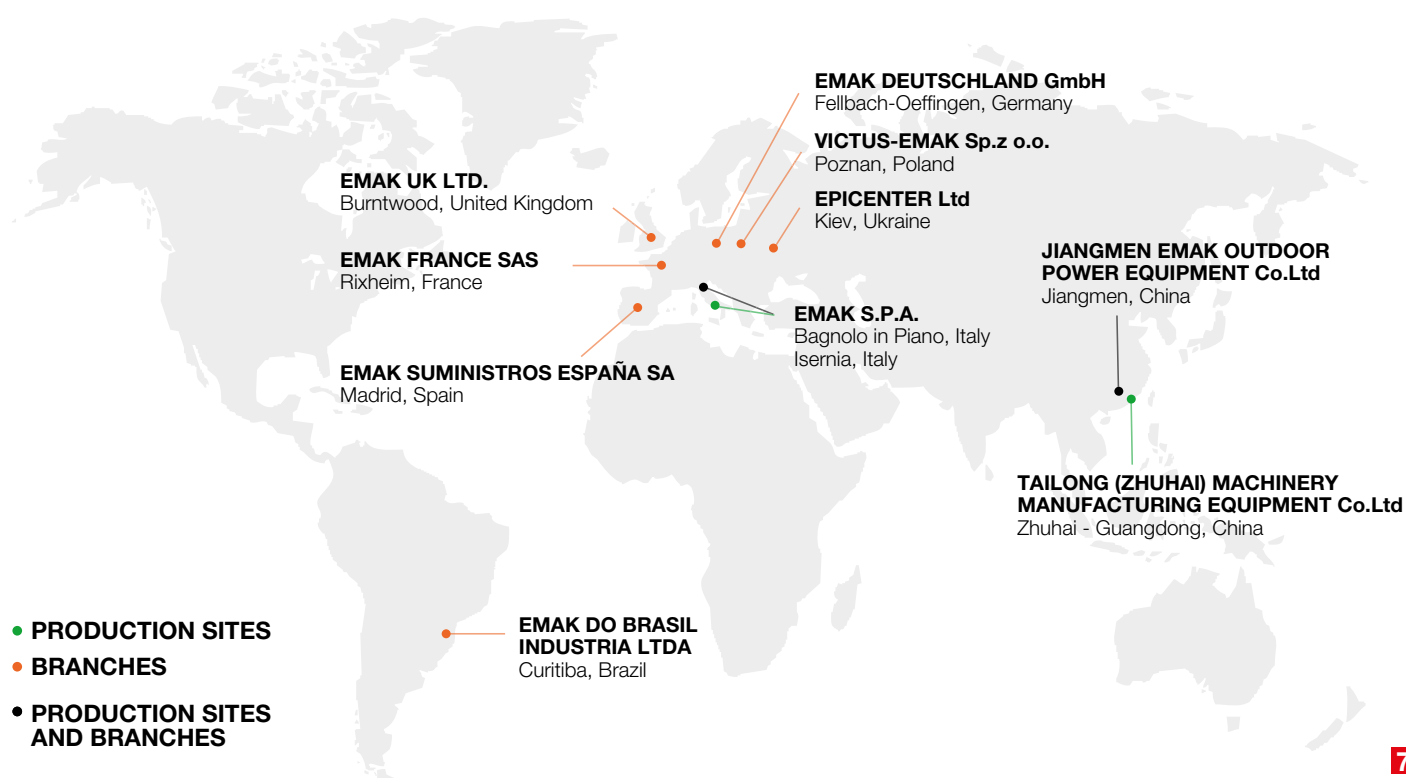
High-quality production, respect for people and environmental protection. These three guiding values inform the philosophy of Emak and are the cornerstones on which the company has built its identity. The certifications we have been awarded in the various sectors are the natural consequence of our approach to business. A voluntary commitment to excellence that has made Emak the world's first company in its sector to simultaneously hold **ISO 9001 Quality, SA 8000 Ethical and ISO 14001 Environmental accreditation**. Far from representing an arrival point, these certifications constitute the foundation on which to continue building a company that is even stronger and even more sensitive to the surrounding world. An added stimulus to confirm and reiterate our commitment to a more balanced world founded on mutual respect.





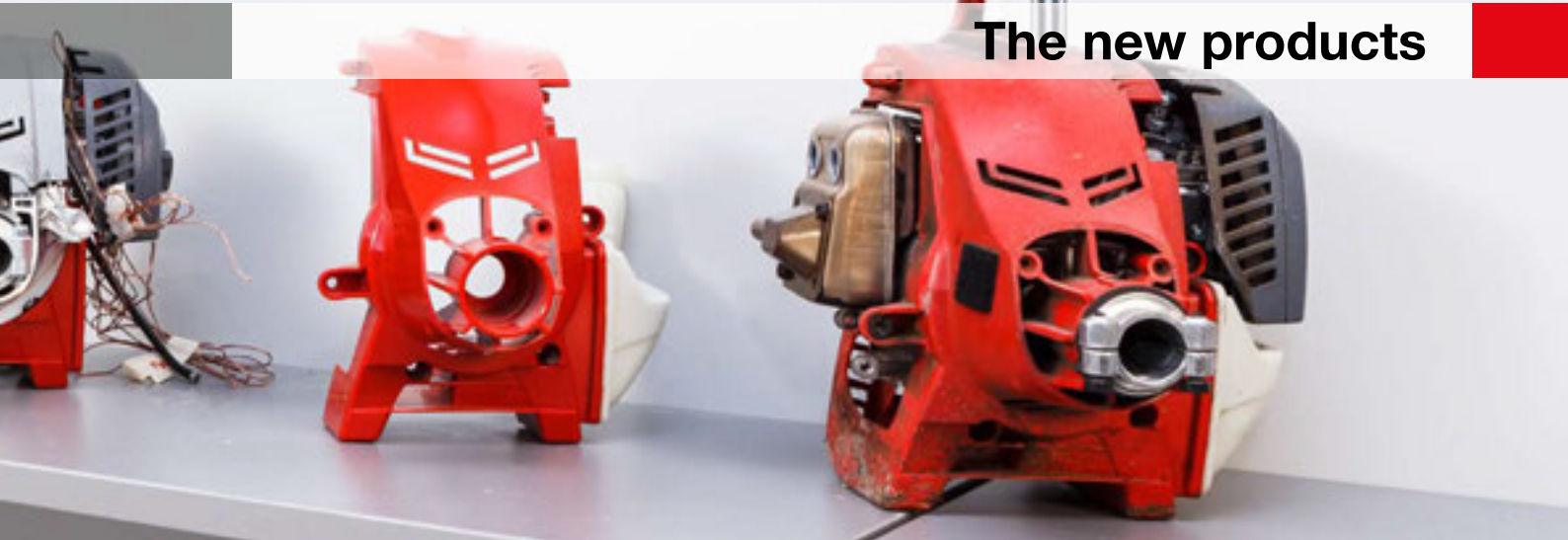
The geography of Emak

Emak is moving in a global market. The firm's **4 production units (2 in Italy and 2 in China)** manufacture models that are shipped to distributors all over the world. Indeed the company's strategy throughout the years has been to affirm and consolidate its market presence in a direct way. This led to the creation of a solid and structured sales network with **branches in Germany, France, United Kingdom, Spain, Poland, Ukraine, China and Brazil**. These strategic markets account for over half of the Group's total turnover, with over 5000 retailers served. This model is expanding in an increasingly global network that finds sales outlets in every part of the world, thanks to the product quality and innovation that the company is famous for on every continent. A continuous drive to evolve that is also reflected in the group's management, by means of increasingly sophisticated and functional ICT platforms that keep all the points of the Emak globe united, forming a single large organisation from many different setups.





The new products



Chain saws and pruners

Professional pruning chain saws	
MTT 2500	17
MTT 3600	17
Professional pruner	
PTX 2710	17

Protective clothing for chain saw and pruner operators

18

Brushcutters

STARK brushcutters for intensive use	
STARK 3810 S	33
STARK 3810 T	33
STARK 4410 S	33
STARK 4410 T	33
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Universal multi-purpose brushcutter for home use	
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DS 4300 S	37
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Professional backpack brushcutter	
DSF 4300	39

Brushcutter accessories

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Lawnmowers

COMFORT PLUS self-propelled lawnmower with steel deck	
LR 53 TK COMFORT PLUS	56
ALUMINIUM PRO self-propelled lawnmowers with aluminium deck	
AR 53 TK ALUMINIUM PRO	60
AR 53 VBD ALUMINIUM PRO	60

Wheeled brushcutters/Flail mowers

Professional flail mowers	
DR 65 HR11	73
DR 80 HR11	73

Garden tractors

MID-RANGE rear discharge garden tractor	
EF 106/22 H	79
PREMIUM-RANGE rear discharge garden tractor	
EF 105/17,5 H	80

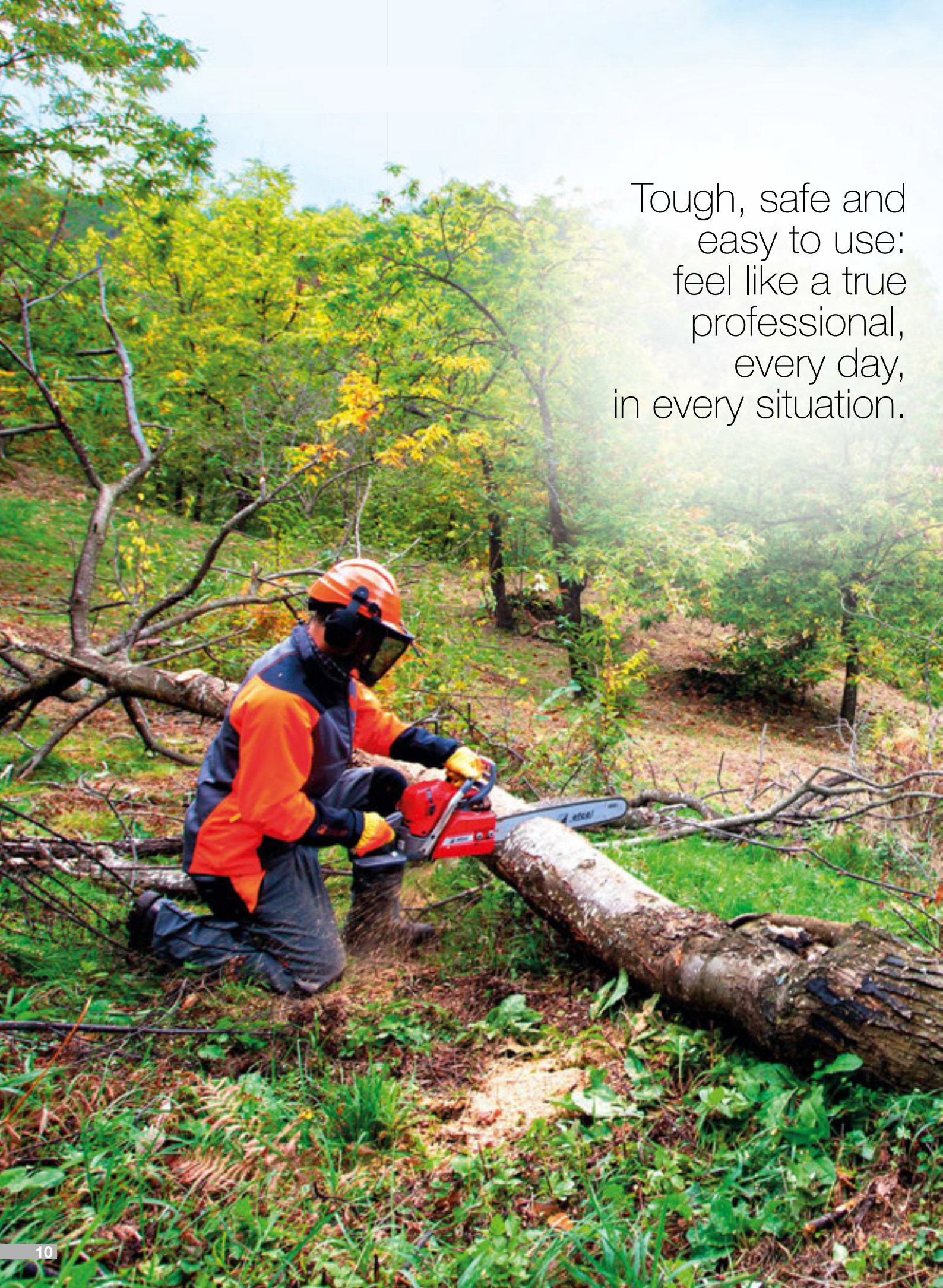
Rotary tillers

Rotary tiller for intensive use	
MZ 2097 RKS	105

Snow throwers

ARTIK snow throwers for home use	
ARTIK 70 ELD	115
ARTIK 72 ELDT	115

Tough, safe and
easy to use:
feel like a true
professional,
every day,
in every situation.



Chain saws and pruners

HOME



Battery-powered chainsaw for home use



MT 2200 Li-Ion *

Electric chainsaw



MT 2000 E

Universal chain saws for home use



MT 350 S
MT 3500 S

Universal chain saws for intensive home use



137
MT 3700



141 S
MT 4100 S



141 SP
MT 4100 SP

COUNTRYSIDE



Chain saws for intensive use



MT 440
MT 4400



147



152
MT 5200

WOODLAND



Professional chain saws



156



162



MT 6500



MT 7200

PRUNING



Professional pruning chain saws



MTT 2500



MTT 3600

Professional pruner



PTX 2710

Frequency of use

- occasional
- regular
- intensive

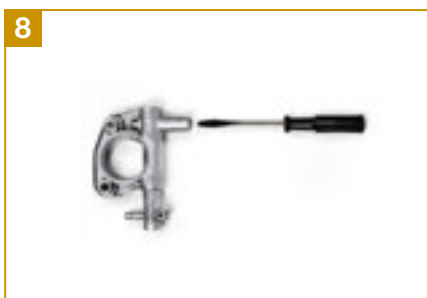
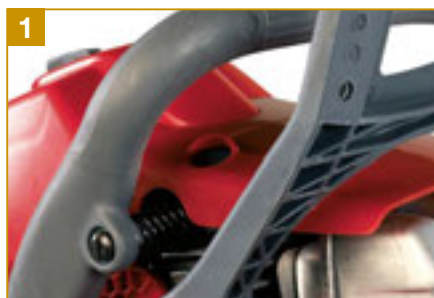
Power source

- battery
- mains
- petrol

* refer to the Battery-powered products section

Technology and comfort

Efco chain saws come in a full range of models designed to offer the right solution to individual requirements. Pruning, felling, lopping: **Efco** offers models with different specifications to suit the job in hand. However, each and every chainsaw in the range is characterised by top quality, reliable performance and easy use and maintenance. Furthermore, the engine's low consumption and linear torque-speed response ensure premium performance even during extended periods of continuous duty. All machines are fitted with the very best safety devices, whilst electric models boast quality certification issued by the most important bodies such as VDE, GS and IMQ.



1 The decompression valve facilitates starting (**MT 4400, 147, MT 5200, 156, 162, MT 6500, MT 7200**).

2 The "EasyOn" starting system ensures any user can set the machine running simply and effortlessly, with a minimal number of pulls on the cord (**MTT 2500, MTT 3600, MT 4100 SP**).

3 The "Primer" facilitates starting even in the harshest climates (**MTT 2500, MTT 3600, 132 S, MT 3500 S, MT 3700, MT 4100 S, MT 4100 SP, MT 4400, 147, MT 5200, 156, 162**).

4 The chain can be fitted and adjusted without using tools. The ergonomic "no tools" system means the chain can be tensioned easily in a matter of seconds (**MT 2000 E**).

5 "AlwaysOn" switch: rapid engine stopping and, thanks to the autoreset function, always ready to restart (**MTT 2500, MTT 3600**).

6 "OnBoard" clutch: quick installation of cutting tool, cleaner clutch for constant performance through time (**MTT 2500, MTT 3600, MT 3500 S, MT 6500**).

7 Carburettor with anti-vibration mount guarantees stable fuel burn whatever the operating conditions (**MT 3500 S, MT 6500, MT 7200**).

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

Chain saws and pruners

Selection and maintenance guide



Guide to chain saw and pruner selection

For **general jobs in and around the home** such as cutting firewood, light pruning work or DIY projects, **the electric chainsaw** is absolutely ideal. With its **2 kW power rating**, this machine is perfect to handle even the most demanding tasks quickly and effortlessly.

For **cutting limbs, felling small trees and preparing firewood**, we recommend lightweight machines of less than 6 kg with **displacement of between 35 and 45 cm³**.

For **intensive duties** that call for the maximum reliability and unvarying performance through time, the ideal choice is one of our **professional chain saws**, with **displacement of more than 50 cm³**. This class of machine is suitable for felling and sectioning large trees.

For **pruning jobs** we recommend our **professional pruning chain saws**, with their perfect combination of power, low weight and ease of handling. Equipped with a top handle, these tools are ideal for professional pruning operations and other precision work, such as grafting or surgery carried out on wounded or diseased trees.

For **overhead pruning duties** or in all cases of uneven or sloping ground, the correct choice is the **pruner**: thanks to the **telescopic pole** this tool can reach heights **up to 5 metres** to allow pruning of higher branches. The bar can be set in **5 intermediate positions** between **0° and 90°**.

Proper maintenance of chain saw and pruner

- After every 10 hours of operation, remove the cover and clean the **air filter**, replace if damaged or excessively soiled.
- Check the condition of the **fuel filter** periodically.
- Clean the **cylinder fins** periodically by brushing, or blasting with compressed air.
- Inspect and clean the **spark plug** periodically.
- Check the **electrode gap** periodically.
- After every 30 hours of operation, remove the screw on the bevel drive and check the **grease level** (pruner).
- Check and, if necessary, replace the **chain safety stop** (chain saw).
- Turn the guide bar and make sure that the **lubrication holes** are free from impurities (chain saw).

Electric chainsaw

Designed for small jobs around the home, such as cutting firewood for stoves or fireplaces, small-scale pruning and DIY activities. With their perfect combination of high performance, ease of use and minimal maintenance, this tool is ideal to handle even demanding tasks rapidly and with the maximum operating comfort.



MT 2000 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 tank capacity	0.35 L
Sound pressure/power level	84.3/106.5 dB(A)
Lh/rh vibration level	3.9/4.4 m/s ²
Dry weight without bar and chain	4.4 Kg

Universal chain saws for home use

Designed for occasional use by home users (small pruning jobs, cutting trunks of small-medium diameter for firewood), this chain saw is practical and easy to use, owing to a series of devices which make it extremely to start (starting sequence shown on the engine cover), operate and maintain.



MT 350 S

MT 3500 S

Power	2.0 HP – 1.5 kW
Bar length (nose)	35 - 41 cm / 14" – 16" (sprocket)
Chain (pitch x gauge)	3/8" x .050"
Oil pump	automatic/zero flow rate at idle speed
Oil/fuel tank capacity	0.26 L/0.36 L
Sound pressure/power level	99.6/110.4 dB(A)
Lh/rh vibration level	6.0 / 6.7 m/s ²
Dry weight without bar and chain	4.6 Kg

Universal chain saws for intensive home use

Chain saws intended to offer a credible response to the needs of discerning home users who want a power tool for lopping, pruning, small-medium diameter cutting and general tasks like chopping up firewood. Designed incorporating the technology of chain saws with higher specifications, these machines guarantee performance at the very top of their class, cutting effortlessly and quickly, and with maximum efficiency.



	137 MT 3700	141 S MT 4100 S	141 SP MT 4100 SP
Power/Displacement	2.2 HP - 1.6 kW/35.2 cm ³	2.5 HP - 1.8 kW/39.0 cm ³	2.5 HP - 1.8 kW/39.0 cm ³
Bar length (nose)	35-41 cm/14"-16" (sprocket)	41 cm/16" (sprocket)	41 cm/16" (sprocket)
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/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	0.22 L/0.32 L
Sound pressure/power level	99/109.5 dB(A)	99.5/110.5 dB(A)	99.5/110.5 dB(A)
Lh/rh vibration level	5.2 / 5.5 m/s ²	5.2 / 5.7 m/s ²	4.5 / 4.8 m/s ²
Dry weight without bar and chain	4.3 Kg	4.3 Kg	4.4 Kg

Chain saws for intensive use

Machines designed to satisfy a wide range of users, from demanding home gardeners requiring a tool for frequent use, to farmers and professional contractors. Its compactness, versatility and good power-to-weight ratio ensure excellent cutting performance for any use, from limbing and pruning to cutting medium-sized trunks.



	MT 440 MT 4400	147	152 MT 5200
Power/Displacement	2.9 HP - 2.1 kW/42.9 cm ³	3.1 HP - 2.3 kW/45 cm ³	3.4 HP - 2.5 kW/51.7 cm ³
Bar length (nose)	41-46 cm/16"-18" (sprocket - microlite)	41-46 cm/16"-18" (sprocket)	41-46 cm/16"-18" (sprocket)
Chain (pitch x gauge)	.325" x .050"	.325" x .058"	.325" 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	0.26 L/0.32 L	0.27 L/0.5 L	0.27 L/0.5 L
Sound pressure/power level	102/112.3 dB(A)	101/110.5 dB(A)	104.4/112.9 dB(A)
Lh/rh vibration level	5.4/7.1 m/s ²	5.5/6.0 m/s ²	5.2/5.5 m/s ²
Dry weight without bar and chain	4.5 Kg	5.2 Kg	5.4 Kg

Professional chain saws

Powerful professional machines, designed for felling and cutting up trees of appreciable size. Engines characterized by extremely linear torque at all engine speeds, guaranteeing high performance in any working conditions and unvarying efficiency over time.


156

162

Power/Displacement	4.1 HP - 3.1 kW/56.5 cm ³	4.7 HP - 3.5 kW/61.5 cm ³
Bar length (nose)	41-46-51 cm/16"-18"-20" (replaceable sprocket)	46-51 cm/18"-20" (replaceable sprocket)
Chain (pitch x gauge)	.325" x .058"	3/8" x .058"
Oil pump	automatic/adjustable/ zero flow rate at idle speed	automatic/adjustable/ zero flow rate at idle speed
Oil/fuel tank capacity	0.35 L/0.70 L	0.35 L/0.70 L
Sound pressure/power level	100/111 dB(A)	101/112 dB(A)
Lh/rh vibration level	5.0/7.0 m/s ²	5.0/7.0 m/s ²
Dry weight without bar and chain	5.6 Kg	5.6 Kg


MT 6500

MT 7200

Power/Displacement	4.7 HP - 3.5 kW/63.4 cm ³	5.4 HP - 4.0 kW/70.8 cm ³
Bar length (nose)	46-51 cm /18"-20" (replaceable sprocket) 51-61-71 cm /20"-24"-28" (stellite)	51 cm/20" (replaceable sprocket) 64-76 cm/25"-30" (stellite)
Chain (pitch x gauge)	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
Oil/fuel tank capacity	0.45 L/0.80 L	0.45 L/0.80 L
Sound pressure/power level	103.3/112 dB(A)	102/114.6 dB(A)
Lh/rh vibration level	5.3/5.3 m/s ²	6.1/6.1 m/s ²
Dry weight without bar and chain	6.5 Kg	6.8 Kg

24"-28" only Extra CE

Professional pruning chain saws

MTT 2500 Chainsaw at the top of its category in terms of power, low weight and ease of handling, making it the perfect tool for pruning and maintenance of all trees, olive groves and fruit orchards. The most distinctive qualities of this model are its ergonomic design and perfect balance.

MTT 3600 A compact machine offering an excellent power to weight ratio, this is the perfect chainsaw for limbing and felling, both at ground level and at heights, especially for tree-climbing professionals.

Solutions shared by the two models including “AlwaysOn”, “EasyOn”, snap hook and easy opening of the filter cover, complete the configuration of **MTT** chain saws.



MTT 2500

MTT 3600

Power/Displacement	1.3 HP - 1.0 kW/25.4 cm ³	2.0 HP - 1.5 kW/35.1 cm ³
Bar length (nose)	25 cm/10" (sprocket/carving)	30-35 cm/12"-14" (sprocket)
Chain (pitch x gauge)	3/8" x .050" (sprocket) 1/4" x .050" (sprocket) 1/4" x .050" (carving)	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 ²	4.9/5.2 m/s ²
Dry weight without bar and chain	2.7 Kg	3.8 Kg



Professional pruner

Designed for lopping and trimming overhead branches without the need for ladders or mechanical access systems, and for all work carried out on uneven or sloping ground.



PTX 2710

Power/Displacement	1.3 HP - 1.0 kW/27.0 cm ³
Adjustment of pruning head	from 0° to 90° (5 positions)
Bar length (nose)	25 cm/10" (microlite sprocket)
Chain (pitch x gauge)	3/8" x .043"
Overall length of machine	2.60 m / 3.80 m
Sound pressure/power level	97.0/107.5 dB(A)
Lh/rh vibration level	4.2/5.9 m/s ²
Dry weight of complete tool without bar and chain	7.9 Kg

Protective clothing for chain saw and pruner operators

Safety first and foremost!

When using a chainsaw it's essential to wear approved protective clothing to ensure safe working conditions.

Efco has developed a complete range of approved protective clothing of exceptional quality, ideal for both intensive use by professionals requiring high levels of protection, and for amateur users who are anyway seeking the best.

Modern design, freedom of movement, maximum safety.

Universal comfort jacket

Extremely lightweight breathable comfort jacket with large orange coloured panels for optimal visibility. Excellent fit thanks to the tri-stretch fabric.



Safety	<ul style="list-style-type: none"> • Category 1 PPE.
Visibility	<ul style="list-style-type: none"> • Large front and rear orange coloured trim for the maximum daytime and night-time visibility.
Materials	<ul style="list-style-type: none"> • Water-repellent, wind-proof, breathable • 46% polyester, 37% polyamide, 15% polyurethane, 2% elastham. • 3D fabric, removable sleeves, 5 pockets.



Jacket with anti-cut protection

Extremely lightweight and breathable comfort model chain resistant jacket reinforced with abrasion resistant waterproof fabric in the areas most subject to wear.



Safety	<ul style="list-style-type: none"> • CE approval, standards EN340 and EN 381-11: 2002, Class 1. • Category 2 PPE. • Special 8-layer anti-cut protection (sofly).
Visibility	<ul style="list-style-type: none"> • Large orange coloured trim for the maximum daytime and night-time visibility.
Fit	<ul style="list-style-type: none"> • Excellent fit thanks to the anti-cut fabric technology (sofly).



Tree climbing trousers

Protective chain resistant trousers specifically designed and produced for tree climbing. Extremely lightweight and breathable with leg protection (180° front, 5 cm right inside leg, 5 cm left inside leg).



Safety	<ul style="list-style-type: none"> • CE approval, standards EN340 and EN 381-5: 1995 type A, Class 1. • Category 2 PPE. • Anti-rip protection – RIPSTOP. • Special 5-layer anti-cut protection (sofly).
Fit	<ul style="list-style-type: none"> • Slim fit thanks to the tri-elastic stretch fabric for the maximum comfort and exceptional freedom of movement.
Materials	<ul style="list-style-type: none"> • Waterproofed with SOFIGUARD treatment. • 94% polyamide, 6% elastham (CORDURA - RIPSTOP) • Black reinforcement: 50% polyamide, 45% polyester, 5% elastham.



Professional chain-resistant trousers

Extremely lightweight and breathable comfort model chain resistant trousers with abrasion resistant waterproof fabric in the areas most subject to wear. Leg protection (180° front, 5 cm right inside leg, 5 cm left inside leg).



Safety	<ul style="list-style-type: none"> • CE approval, standards EN340 and EN 381-5: 1995 type A, Class 1. • Category 2 PPE. • Anti-tear protection – RIPSTOP. • Special 5-layer anti-cut protection (sofly).
Fit	<ul style="list-style-type: none"> • Excellent fit thanks to the use of bi-stretch fabric.
Materials	<ul style="list-style-type: none"> • Waterproofed with SOFIGUARD treatment. • 94% polyamide, 6% elastham (CORDURA - RIPSTOP). • Reinforced with 100% polyester.



Protective clothing for chain saw and pruner operators



Discover the full range in the **Efco** accessories catalogue!

Professional protective helmet

Helmet with mesh visor, nape cover and ear defenders.



Safety	<ul style="list-style-type: none"> Approved helmet to EN 397 ANSI Z 87.1/1989 - Z 87 S. Approved ear defenders to EN 352-3. Approved face shield to EN 1731/S, EN 166.
Materials	<ul style="list-style-type: none"> Shell made of flexible, UV-resistant ABS (shock absorbent). Fabric harness with double 4-point suspension (patented shock absorption system). Sweatband and ratchet adjustment system. SNR 26 dB adjustable ear defenders. Face shield holder. Mesh face shield.



Dark protective spectacles

Protective spectacles with wrap-around anti-scratch dark lenses, anti-glare in sunlight, soft silicone nose pads.



Safety	<ul style="list-style-type: none"> EN 166 approved protective spectacles. Optical class 1.
Materials	<ul style="list-style-type: none"> Mechanical strength: Lens FT - Frame FT.



Chain-resistant gloves

Professional work gloves with chain protection on back of left hand glove.



Materials	<ul style="list-style-type: none"> Stretch polyester on the back and Duratexture on the palm. Fingers with comfort stitching and stretch fabric. Palm with antivibration insert. Elasticized cuff with Velcro fastener. Reinforcement on back for enhanced wear resistance. High-strength fabric chain protection.
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Chain resistant forestry boots

Chain resistant boots with rigid toecap for forestry applications.



Materials	<ul style="list-style-type: none"> Water-repellent leather upper. Breathable nonwoven fabric lining. Protective steel toecap. Rubberised leather rand for enhanced wear resistance. Washable anatomic footbed. Anti-oil, antistatic, non-slip nitrile rubber sole resistant to temperatures up to 300°C. High-strength fabric anti-piercing sole plate. 8-ply chain protection from top of foot up to the shin and on the sides.
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Power, reliability and quality of cut: all in perfect balance.

Technology and comfort

For accurate trimming and a clean cut it is essential to employ reliable machines that combine power with manoeuvrability and ease of use. **Efco** hedgetrimmers feature Emak high-performance 2-stroke engines and top-quality blades that ensure a clean cut, indispensable for an aesthetically-pleasing result and protection of plant health. With user comfort always foremost in its thoughts, **Efco** has equipped its hedgetrimmers with devices such as “Primer” and “EasyOn” that guarantee easy starting even at low temperatures.



1 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.



2 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.

3 “EasyOn” system to guarantee reduced effort and speed of starting.



4 Model with double-edged blade has 180° swivel handle for easy trimming even when working at an angle (**TG 2650 XP, TG 2800 XP**).

5 Large paper air filter for higher filtration capacity, guaranteeing optimal protection of the engine, also in dusty conditions.

6 Anti-vibration system utilizing 4 springs guaranteeing total isolation from the operator's hands (**TG 2650 XP, TG 2800 XP**).



7 In the **DS 2400 H, DS 2400 HL** model the blade can be adjusted through 12 different positions from 0° to 180°, to ensure the best working position at all times.

8 Electric models with double safety switch on the grip for maximum operator safety.

Hedgetrimmers

Selection and maintenance guide

Guide to hedgetrimmer selection

For tending and cutting hedges with **small trunks** located near to houses, even in spaces where access may be difficult, the best option is an **electric model rated 600 or 700 Watts**, guaranteeing **agility, easy handling and minimal noise**.

On the other hand, **professional hedgetrimmers** are just what you need to confidently tackle all types of hedge, no matter how tough or dense. Generally **rated at over 600 Watt**, they guarantee consistent long-term efficiency with maximum productivity and minimum effort.

Hedgetrimmer blades can have single or double cutting edges and are between 60 and 75 cm in length.

Optional features such as the **primer** ensure trouble-free ignition even at low temperatures. The dual safety switch and the shockproof material used in construction are designed to protect the user and safeguard the integrity of the machine.

The handgrip turns through 180° allowing operation even close to walls, with the machine held at an angle.



Proper maintenance of hedgetrimmer

- Check **the condition of the blade**. If excessive **wear** is evident, contact a service centre.
- After each session, **free the blade** of any debris that has collected; when clean, **spray the blade with a light coating of thin oil** to prevent rust.
- **Sharpen the blade** periodically with the special tool provided.
- **Clean the machine** regularly with a soft brush or a cloth.
- Periodically, inspect the **air and fuel filter** (models with petrol engine), and replace if necessary.
- **Clean the cylinder fins** regularly, using a brush or compressed air (models with petrol engine).
- Periodically, inspect the **spark plug**, check the **electrode gap** (0.5 mm) and verify the condition of the **exhaust silencer** (models with petrol engine).
- **Grease the speed reduction/drive mechanism** every 20 working hours.

Electric hedgetrimmer for home use

Distinguished by its light weight, compact construction and extremely simply use, this tool is ideal for non-continuous use and for tending hedges and shrubs of medium size or without dense vegetation. Extremely quiet operation, useful for working in built-up residential areas.



TG 605 E

Power	0.60 kW
Voltage	230 V
Frequency	50 Hz
Type/Blade	double
Length/Blade	570 mm
Pitch/Blade	30 mm
Maximum cutting thickness	15 mm
Sound pressure/power level	78/95.4 dB(A)
Lh/rh vibration level	2.3/2.9 m/s ²
Weight	3.6 Kg

Electric hedgetrimmer for intensive use

Combines the best features of electric hedgetrimmers (quiet operation, light weight, manageability) with the typical performance of petrol-engine models. Incorporating a rotating handle and high-quality blade, it meets both the needs of discerning home users with tall hedges to trim, as well as the professional requirements of maintenance contractors.



TG 750 E

Power	0.70 kW
Voltage	230 V
Frequency	50 Hz
Type/Blade	double
Length/Blade	700 mm
Pitch/Blade	35 mm
Maximum cutting thickness	20 mm
Sound pressure/power level	86/94.9 dB(A)
Lh/rh vibration level	< 2.5 m/s ²
Weight	4.3 Kg

Professional petrol hedgetrimmers

Lightweight, powerful and robust: just what you need to confidently tackle all types of hedge, no matter how tough or dense. Featuring steel blades and aluminium gearboxes, high quality components to guarantee lasting efficiency, maximum productivity and minimum effort.



TG 2650 XP



TG 2800 XP



TGS 2800 XP

Power	1.0 HP - 0.75 kW	1.0 HP - 0.75 kW	1.0 HP - 0.75 kW
Displacement	21.7 cm ³	21.7 cm ³	21.7 cm ³
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	92.8/105.3 dB(A)	92.8/105.3 dB(A)	92.9/105.3 dB(A)
Vibration level	5.9/5.2 m/s ²	6.3/5.4 m/s ²	6.6/8.6 m/s ²
Weight	5.6 Kg	5.8 Kg	5.6 Kg



DS 2400 H



DS 2400 HL

Power	1.2 HP - 0.9 kW	1.2 HP - 0.9 kW
Displacement	21.7 cm ³	21.7 cm ³
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)
Vibration level	8.0/6.5 m/s ²	8.0/6.5 m/s ²
Weight	6.8 Kg	7.1 Kg

Accessories for TGS 2800 XP

Deflector for single-blade hedge trimmer

Useful for collecting foliage to ensure it doesn't remain lodged in the hedge, hindering the progress of the operator.

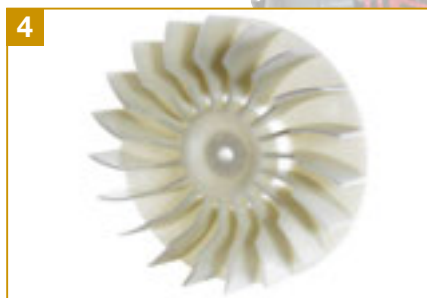
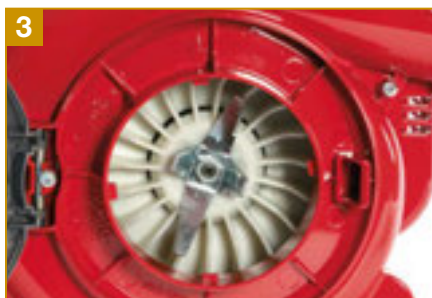


Single blade deflector 5804 0150

A rush of air, around the yard and in the garden. Cleaning up out in the open has never been so easy.

Technology and comfort

Powerful, efficient tools that quickly clear any area of leaves, shrubs and other debris. The handheld model is recommended for domestic use, whilst the powerful backpack model is designed to handle large areas in both town and country. Characteristic lightness, simplicity and silence make these machines invaluable and dependable workmates.



1 "VibCut" professional anti-vibration system, utilizing mounts with 4 steel springs to isolate the operator totally from machine vibrations.

2 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.

3 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.

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

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

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

7 Ergonomic backpack equipped with large and comfortable support area, minimises the transmission of vibration to the operator (**SA 2062**).

8 Handgrip and throttle mounted directly on the blower/vacuum tube to ensure continuous control over the air flow.

Blower/Vacuum cleaners

Selection and maintenance guide



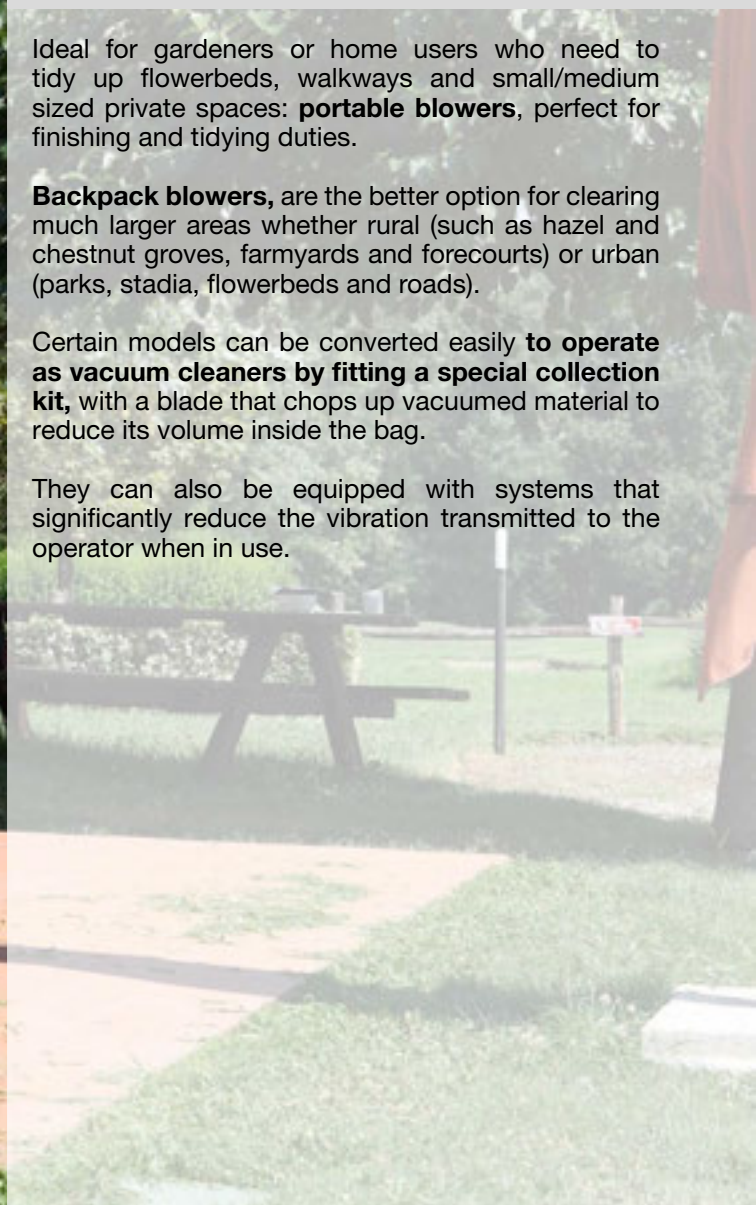
Guide to blower selection

Ideal for gardeners or home users who need to tidy up flowerbeds, walkways and small/medium sized private spaces: **portable blowers**, perfect for finishing and tidying duties.

Backpack blowers, are the better option for clearing much larger areas whether rural (such as hazel and chestnut groves, farmyards and forecourts) or urban (parks, stadia, flowerbeds and roads).

Certain models can be converted easily **to operate as vacuum cleaners by fitting a special collection kit**, with a blade that chops up vacuumed material to reduce its volume inside the bag.

They can also be equipped with systems that significantly reduce the vibration transmitted to the operator when in use.



Proper maintenance of blower

- After every 10 hours operation, clean the **air filter** by shaking out thoroughly; replace if damaged or worn.
- Check the condition of the **fuel filter** periodically; if soiled excessively, discard and fit a replacement.
- Clean **the cylinder fins** regularly, using a brush or compressed air.
- Periodically, clean the **spark plug and check the electrode gap** (0.5 mm).
- Check the condition of the **exhaust silencer**; in the case of the 62 cm³ version, remove the **flame-trap mesh** from the silencer after every 30/40 hours operation and clean off carbon deposits.

Handheld blower

Ideal to clear the garden of leaves and other small debris or grass cuttings: features low vibration for constant user comfort and low noise levels to allow non-invasive use in residential areas. The machine can be converted to vacuum mode with 36 litre collection bag by ordering the specific conversion kit to obtain a valid tool to vacuum up leaves, grass cuttings and general light debris.



SA 3000

Power	1.3 HP - 1.0 kW
Displacement	30.5 cm ³
Max air volume	12.0 m ³ /min - 720 m ³ /h
Max air speed	70 m/sec
Collection bag capacity	36 L
Sound pressure/power level	88.5/99 dB(A)
Vibration level	3.5 m/s ²
Dry weight, without blower tube	4.5 Kg

Backpack blower





Ideal for clearing in rural surroundings (farmyards and forecourts) and in cities (parks, stadiums, flowerbeds, roads), recommended also for moving and compacting fruit or other produce as soon as it falls from the tree. Also available: blower to mistblower conversion kit.




SA 2062

Power	4.5 HP - 3.3 kW
Displacement	61.3 cm ³
Max. air volume	20 m ³ /min - 1200 m ³ /h
Max. air speed	90 m/sec
Fuel tank capacity	2.3 L
Sound pressure/power level	75/110.1 dB(A)
Lh/rh vibration level	< 2.5 m/s ²
Dry weight, without blower tube	9.4 Kg

Accessories for blower/vacuum cleaners

		Part number	Machines			
			SA 2700	SA 3000	SA 2700 BP	SA 2062
Single harness Single harness for hand-held blower.						
	Single harness with double snap hook	6114 0011R		○		
Conversion kit from blower to vacuum Kit allowing simple conversion of hand-held blower to operate as vacuum cleaner.						
	Conversion kit from blower to vacuum	5655 2001A		○		
		5656 2001A	○			
Blower tube with duckbill end section Optional tube with duckbill end section: enhances directionality and effectiveness of the air jet.						
	Blower/vacuum tube with duckbill end section.	5655 2002A	○	○	●	
Conversion kit from blower to mistblower Kit allowing simple conversion of backpack blower to professional mistblower for spraying fungicides.						
	Conversion kit from blower to mistblower	5602 0119C				○

A man wearing a blue checkered shirt, brown cargo pants, and a black headset is using a red and black brushcutter to clear tall grass in a garden. He is standing on a grassy path next to a rustic wooden fence made of vertical posts and horizontal rails. In the background, there are green bushes and a large tree with dense foliage. The scene is brightly lit, suggesting a sunny day.

Obstacles no problem,
however big or small.
Gardens, ditches,
undergrowth...
we have just the cut
you want.

Brushcutters

HOME



Grass

Battery-powered brushcutter for home use

DS 2000 Li-Ion *

Electric trimmers

8061

8091

8100

STARK universal brushcutters for home use

STARK 25 TR
STARK 2500 TR

STARK 2500 S

STARK 25
STARK 2500 T

Universal brushcutters for home use

DS 2200 S

DS 2200 T

DS 2400 S

DS 240 T
DS 2400 T

Universal multi-purpose brushcutters for home use

DS 2400 D

DS 3000 D

COUNTRYSIDE



Bushes

STARK brushcutters for intensive use

STARK 3800 S

STARK 3810 S

STARK 3810 T

STARK 4400 S

STARK 4410 S

STARK 4410 T

STARK 4410 BP

Brushcutters for intensive use

DS 2700 S

DS 2700 T

DS 3000 S

DS 3000 T

Brushcutters with 4-stroke engine

DS 3600 4S

DS 3600 4T

WOODLAND



Undergrowth/Scrub

Professional brushcutters

DS 3500 S

DS 3500 T

DS 4300 S

DS 4300 TL

8410

8460 IC

8460

8530 IC

8530

8550 BOSS

Professional backpack brushcutters

DSF 4300

8465 ERGO

8535 ERGO

Frequency of use Power source Recommended application Terrain type

occasional	battery	head	sloping
regular	mains	disk	
intensive	petrol		

Technology and comfort

You might need to trim borders, tidy your garden or clear undergrowth: for each one of these tasks you can always find just the right **Efco** brushcutter. With the technical specifications best suited to the job in hand. **Efco** brushcutters are fitted with specially designed engines, characterised by high torque even at low RPM. Also worthy of mention are the self-lubricating bushings and ergonomic handles designed to provide maximum operator comfort; additional features such as the oversize clutch, steel drive shaft and two-ring piston make these machines a safe, dependable and durable workmate.



1 Forged steel crankshaft and piston with two rings: guarantees longer working life (**DS 2400, DS 2700, DS 3000, DS 3500, DS 4300, 8410, 8460, 8530, STARK 3810, STARK 4410, STARK 4410 BP**).

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

3 The "AlwaysOn" system ensures engine starting with no kickback and a limited number of pulls (**DS 2200, DS 2400, DS 2700, DS 3000, DS 3500, STARK 3810, STARK 4410**).

4 Adjustable anti-vibration system allowing adaptation of ergonomic machine features (handles, harness) to any height and build of operator.

5 Filter support with anti-backflow element (Emak patent): prevents the filter from becoming fouled by fuel and guarantees longer operation between filter maintenance procedures (**DS 2200, DS 2400, DS 2700, DS 3000, DS 3500, 8410, DS 4300, DSF 4300**).

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

7 Models **DS 2400 D** and **DS 3000 D** characterised by lightweight engines and user comfort, can be used to drive various applications thanks to the "no tools" quick coupling system.

8 Large size paper air filter for higher filtration capacity, guaranteeing excellent protection of the engine also in very dusty conditions (**DS 2700, DS 3000, DS 3500, DS 4300, DSF 4300, 8410, 8460, 8465 ERGO, 8530, 8550 BOSS, 8535 ERGO, STARK 3810, STARK 4410, STARK 4410 BP**).

Brushcutters

Selection and maintenance guide



Guide to brushcutter selection

The best machines for relatively small areas are **electric trimmers**. Generally rated between **500 and 1000 Watt**, they are ideal **for trimming jobs** on small, level areas with obstacles.

On **more or less level surfaces near obstructions**, brushcutters are the better option. For grass cutting and trimming jobs, a **brushcutter** of **between 25 and 40 cm³** displacement will be enough; more demanding tasks on uneven ground should be performed using more powerful brushcutters of between **40 and 60 cm³** displacement.

For performing jobs on surfaces with **particularly accentuated height differences**, or among reeds and thicker undergrowth, or if conditions are rendered generally more difficult by obstacles, sloping ground or the intensity of use, **backpack models** of **40 and 60 cm³** displacement are preferable.

Proper maintenance of brushcutter

- Clean the **air filter** after every 10 hours of operation, replace if excessively soiled or damaged.
- Inspect the **fuel filter** periodically, replace if damaged or excessively soiled.
- Clean the **cylinder fins** by brushing, or blasting with compressed air.
- Clean the **spark plug** periodically and **check the electrode gap**.
- Check the **grease level** on the bevel drive after every 30 hours of use.
- Grease the **end of the flexible pipe** after every 20 hours of use, and the **joint of the rigid pipe** (backpack models) after every 100 hours.
- Clean the machine and the cutter assembly at the end of every job.
- Sharpen the **blade** periodically.

Electric trimmers

Domestic machines for trimming and edging grass, offering excellent balance thanks to the motor being positioned at the rear.



	8061	8091	8100
Power	600 W	850 W	1000 W
Voltage/Frequency	120-230 V/50-60 Hz	120-230 V/50-60 Hz	120-230 V/50-60 Hz
Tube diameter	22 mm	22 mm	22 mm
Grip	single	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	130 mm dia. Tap&Go head with 2.00 mm dia. line
Harness	optional	single	single
Sound pressure/power level	86/95 dB(A)	87/95 dB(A)	88/95.6 dB(A)
Lh/rh vibration level	5.4/3.1 m/s ²	6.4/6.0 m/s ²	3.5/4.0 m/s ²
Weight	3.2 Kg	3.5 Kg	4.5 Kg

STARK universal brushcutters for home use

Domestic brushcutters for tidying gardens.

Only available
in certain markets



	STARK 25 TR	STARK 2500 TR	STARK 2500 S	STARK 25	STARK 2500 T
Power/Displacement	1.0 HP - 0.8 kW/25.4 cm ³	1.0 HP - 0.8 kW/25.4 cm ³	1.0 HP - 0.8 kW/25.4 cm ³	1.0 HP - 0.8 kW/25.4 cm ³	1.0 HP - 0.8 kW/25.4 cm ³
Tube diameter	22 mm	22 mm	26 mm	26 mm	26 mm
Grip	single	single	single	single	handlebar
Cutting components	105 mm dia. Tap&Go head with 2.00 mm dia. line	105 mm dia. Tap&Go head with 2.00 mm dia. line	130 mm dia. Tap&Go head with 2.40 mm dia. line	130 mm dia. Tap&Go head with 2.40 mm dia. line	130 mm dia. Tap&Go head with 2.40 mm dia. line 255 mm dia. disc with 3 blades
Harness	optional	optional	single	single	single
Fuel tank capacity	0.75 L	0.75 L	0.75 L	0.75 L	0.75 L
Sound pressure/power level	94/107 dB(A)	94/107 dB(A)	97/109 dB(A)	97/109 dB(A)	97/109 dB(A)
Lh/rh vibration level	7.1/10.1 m/s ²	7.1/10.1 m/s ²	8.4/8.1 m/s ²	8.4/8.1 m/s ²	3.7/4.5 m/s ²
Weight	4.5 Kg	4.5 Kg	5.6 Kg	5.6 Kg	6.2 Kg

STARK brushcutters for intensive use

Brushcutters designed to deliver high efficiency and constant quality over time, even in the face of non-stop use and hostile work environments. The robust technological solutions adopted guarantee consistently high quality.

Only available
in certain markets



STARK 3800 S *

STARK 3810 S

STARK 3810 T

STARK 4400 S *

STARK 4410 S

Power/Displacement	1.8 HP – 1.3 kW/36.2 cm ³	1.8 HP – 1.3 kW/36.2 cm ³	2.1 HP – 1.6 kW/40.2 cm ³
Tube diameter	28 mm	28 mm	28 mm
Grip	single	handlebar	single
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
Harness	single	double	single
Fuel tank capacity	0.75 L	0.75 L	0.75 L
Sound pressure/power level	99/112 dB(A)	99/112 dB(A)	98/107 dB(A)
Lh/rh vibration level	5.7/6.2 m/s ²	3.7/5.4 m/s ²	6.0/5.5 m/s ²
Weight	7.2 Kg	7.9 Kg	7.3 Kg

* available while stocks last



STARK 4410 T



STARK 4410 BP

Power/Displacement	2.1 HP - 1.6 kW/40.2 cm ³	2.1 HP - 1.6 kW/40.2 cm ³
Tube diameter	28 mm	26 mm
Grip	handlebar	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 head with 3.00 mm dia. line 255 mm dia. disc with 3 blades
Harness	double	double integrated with backpack
Fuel tank capacity	0.75 L	0.75 L
Sound pressure/power level	98/107 dB(A)	96.5/107 dB(A)
Lh/rh vibration level	5.1/5.8 m/s ²	1.7/2.1 m/s ²
Weight	8.0 Kg	9.5 Kg

Universal brushcutters for home use

Incredibly compact, incredibly lightweight, and incredibly powerful. These brushcutters offer the quality level of the professional models plus the advantages of power tools designed for home users. When the jobs call for frequent use and prolonged running, the manoeuvrability, reliability and practicality of these models are must-have features.

Only available
in certain markets


DS 2200 S
DS 2200 T

Power/Displacement
Tube diameter
Grip
Cutting components
Harness
Fuel tank capacity
Sound pressure/power level
Lh/rh vibration level
Weight

1.1 HP - 0.8 kW/21.7 cm³

24 mm

single

110 mm dia. Load&Go head
with 2.40 mm dia. line

single

0.40 L

91.5/106 dB(A)

4.8/4.6 m/s²

4.2 Kg

1.1 HP - 0.8 kW/21.7 cm³

24 mm

handlebar

110 mm dia. Load&Go head
with 2.40 mm dia. line

single

0.40 L

91.5/106 dB(A)

1.5/2.5 m/s²

4.8 Kg


DS 2400 S
DS 240 T
DS 2400 T

Power/Displacement
Tube diameter
Grip
Cutting components
Harness
Fuel tank capacity
Sound pressure/power level
Lh/rh vibration level
Weight

1.2 HP - 0.9 kW/21.7 cm³

24 mm

single

130 mm dia. Load&Go head
with 2.40 mm dia. line
255 mm dia. disc with 3 blades

single

0.40 L

91.5/106 dB(A)

4.8/4.6 m/s²

4.5 Kg

1.2 HP - 0.9 kW/21.7 cm³

24 mm

handlebar

130 mm dia. Load&Go head
with 2.40 mm dia. line
255 mm dia. disc with 3 blades

single with comfort cushion

0.40 L

91.5/106 dB(A)

1.5/2.5 m/s²

5.2 Kg

Brushcutters for intensive use

For home users who need a machine to tackle demanding and sustained workloads. These are models that perform well even under stress, without ever falling short on operator convenience. Ideal also for finishing operations in the garden or cutting limited areas of grass.



DS 2700 S

DS 2700 T

Power/Displacement	1.3 HP - 1.0 kW/27 cm ³	1.3 HP - 1.0 kW/27 cm ³
Tube diameter	26 mm	26 mm
Grip	single	handlebar
Cutting components	130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades
Harness	single	single with comfort cushion
Fuel tank capacity	0.58 L	0.58 L
Sound pressure/power level	93.5/102.8 dB(A)	93.5/102.8 dB(A)
Lh/rh vibration level	5.9/5.9 m/s ²	3.1/4.5 m/s ²
Weight	5.7 Kg	6.0 Kg



DS 3000 S

DS 3000 T

Power/Displacement	1.5 HP - 1.1 kW/30 cm ³	1.5 HP - 1.1 kW/30 cm ³
Tube diameter	26 mm	26 mm
Grip	single	handlebar
Cutting components	130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades	130 mm dia. Load&Go line head with 2.40 mm line 255 mm dia. disc with 3 blades
Harness	single	single with comfort cushion
Fuel tank capacity	0.58 L	0.58 L
Sound pressure/power level	97.7/111.2 dB(A)	97.7/111.2 dB(A)
Lh/rh vibration level	6.3/5.4 m/s ²	4.1/4.1 m/s ²
Weight	6.0 Kg	6.3 Kg

Universal multi-purpose brushcutters for home use

Conceived and designed for demanding private users and ground care professionals dealing with many different requirements, also in highly demanding environments. Excellent for cutting grass, trimming hedges, tidying shrubs and bushes and blowing leaves and debris: the “no tools” quick coupling system makes it possible to switch between applications in a flash. Available in two engine sizes, both of which are compatible with the same applications.



toughTech EasyOn AlwaysOn

DS 2400 D

Power/Displacement
Shaft arm diameter
Handle
Tank capacity
Weight of engine unit

1.2 HP – 0.9 kW/21.7 cm³
24 mm (26 mm application side)
single
0.40 L
4.2 Kg



toughTech EasyOn AlwaysOn

DS 3000 D

Power/Displacement
Shaft arm diameter
Handle
Tank capacity
Weight of engine unit

1.5 HP – 1.1 kW/30 cm³
26 mm
single
0.58 L
4.8 Kg



toughTech

Brushcutter

Cutting components
Sound pressure/power level
Lh/rh vibration level
Weight of application

130 mm dia. Load&Go head with 2.40 mm dia. line
255 mm dia. disc with 3 blades
91.5/106 dB(A)
5.4/5.4 m/s²
1.1 Kg



toughTech

Hedgetrimmer

Machine overall length
Blade length
Blades
Blade pitch
Sound pressure/power level
Lh/rh vibration level
Weight of application

1.8 m
500 mm
adjustable through 12 positions from 0° to 180°
35 mm
93.4/104.7 dB(A)
6.2/9.0 m/s²
2.7 Kg



toughTech

Pruner

Machine overall length
Bar length
Chain (pitch x gauge)
Oil tank capacity
Sound pressure/power level
Lh/rh vibration level
Weight of application

2.8 m
25 cm/10"
3/8"x .043"
0.18 L
91/102.5 dB(A)
7.3/6.6 m/s²
2.4 Kg



toughTech

Blower

Air flow rate
Air velocity
Sound pressure/power level
Lh/rh vibration level
Weight of application

600 m³/h
60 m/s
93.4/102 dB(A)
3.0/2.9 m/s²
1.5 Kg

toughTech

Shaft extension

Weight
Length

0.7 Kg
750 mm



Professional brushcutters

Ideal for professional users who need to carry out intensive and continuous brushcutting operations, these tools guarantee consistently high output even under strain and in difficult conditions. The ruggedness of the engine ensures high efficiency and constant quality at all times. Equipped with anti-vibration system and ergonomic handles to ensure high levels of comfort, even after long stints.



sharp pro EasyOn AlwaysOn

DS 3500 S

sharp pro EasyOn AlwaysOn

DS 3500 T

Power/Displacement
Tube diameter
Grip
Cutting components
Harness
Fuel tank capacity
Sound pressure/power level
Lh/rh vibration level
Weight

1.9 HP – 1.4 kW/36.3 cm³

26 mm

single

130 mm dia. Load&Go line head with 3.00 mm dia. line
255 mm dia. disc with 3 blades

single

0.6 L

91.5/106 dB(A)

5.2/4.6 m/s²

6.9 Kg

1.9 HP – 1.4 kW/36.3 cm³

28 mm

handlebar

130 mm dia. Load&Go line head with 3.00 mm dia. line
255 mm dia. disc with 3 blades

double harness with quick release

0.6 L

91.5/106 dB(A)

4.4/4.4 m/s²

7.6 Kg



sharp pro EasyOn

DS 4300 S

sharp pro EasyOn

DS 4300 TL

Power/Displacement
Tube diameter
Grip
Cutting components
Harness
Fuel tank capacity
Sound pressure/power level
Lh/rh vibration level
Weight

2.5 HP – 1.83 kW/44 cm³

28 mm

single

130 mm dia. Load&Go line head with 3.00 mm line
255 mm dia. disc with 3 blades

single

0.75 L

102/108 dB(A)

7.4/11.4 m/s²

7.8 Kg

2.5 HP – 1.83 kW/44 cm³

28 mm

handlebar

130 mm dia. Load&Go line head with 3.00 mm dia. line
255 mm dia. disc with 3 blades

double professional harness

0.75 L

102/108 dB(A)

4.1/4.1 m/s²

8.5 Kg

Professional brushcutters

Professional models designed for clearing thick grass, shrubs and undergrowth (all models, except for the **8410**, are fitted with a 3-tooth professional disc designed specifically for cutting back undergrowth).



Power/Displacement

Tube diameter

Grip

Cutting components

Harness

Fuel tank capacity

Sound pressure/power level

Lh/rh vibration level

Weight

**8410**2.1 HP - 1.6 kW/40.2 cm³

28 mm

handlebar

130 mm dia. Load&Go line head
with 3.00 mm line
255 mm dia. disc with 3 blades

double

0.75 L

98/107 dB(A)

3.7/5.4 m/s²

7.9 Kg

**8460 IC**2.5 HP - 1.8 kW/45.7 cm³

28 mm

single

130 mm dia. Load&Go head
with 3.00 mm dia. line
305 mm dia. disc with 3 blades

single

1.50 L

91/104 dB(A)

6.1/5.3 m/s²

7.5 Kg

**8460**2.5 HP - 1.8 kW/45.7 cm³

32 mm

handlebar

130 mm dia. Load&Go head
with 3.00 mm dia. line
305 mm dia. disc with 3 blades

double professional harness

1.50 L

91/104 dB(A)

3.7/5.4 m/s²

8.1 Kg

**8530 IC**2.8 HP - 2.1 kW/52.5 cm³

28 mm

single

130 mm dia. Load&Go head
with 3.00 mm dia. line
305 mm dia. disc with 3 blades

single

1.50 L

93/105 dB(A)

5.7/5.5 m/s²

7.4 Kg

**8530**2.8 HP - 2.1 kW/52.5 cm³

32 mm

handlebar

130 mm dia. Load&Go head
with 3.00 mm dia. line
305 mm dia. disc with 3 blades

double professional harness

1.50 L

93/105 dB(A)

2.6/3.7 m/s²

8.2 Kg

**8550 BOSS**2.8 HP - 2.1 kW/52.5 cm³

32 mm

handlebar

160 mm dia. Tap&Go head
with 3.50 mm dia. line
305 mm dia. disc with 3 blades

double professional harness

1.50 L

93/105 dB(A)

3.7/4.0 m/s²

8.5 Kg

Professional backpack brushcutters

Ideal for working on steep or sloping ground and cleaning ditches, banks and undergrowth. Ergonomic backpack with innovative quick-release system (SRS) that allows the user to deposit the machine rapidly with a single movement, whilst guaranteeing the maximum operator safety.



	DSF 4300	8465 ERGO	8535 ERGO
Power/Displacement	2.5 HP – 1.83 kW/44 cm ³	2.5 HP - 1.8 kW/45.7 cm ³	2.8 HP - 2.1 kW/52.5 cm ³
Tube diameter	26 mm	26 mm	26 mm
Grip	single	single	single
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 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 255 mm dia. disc with 3 blades
Harness	double professional integrated with backpack	double professional integrated with backpack	double professional integrated with backpack
Fuel tank capacity	0.75 L	1.50 L	1.50 L
Sound pressure/power level	100/109 dB(A)	91/104 dB(A)	93/105 dB(A)
Lh/rh vibration level	2.6/2.1 m/s ²	2.5/3.1 m/s ²	2.5/3.1 m/s ²
Weight	9.4 Kg	10.8 Kg	11.0 Kg

Brushcutters with 4-stroke engine



	DS 3600 4S	DS 3600 4T
Displacement	35.8 cm ³	35.8 cm ³
Tube diameter	26 mm	26 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	double harness with quick release
Fuel tank capacity	0.65 L	0.65 L
Sound pressure/power level	90/108 dB(A)	90/108 dB(A)
Lh/rh vibration level	3.2/6.4 m/s ²	4.6/3.9 m/s ²
Weight	6.7 Kg	7.0 Kg

Maximum care for the environment:

Sharp reduction of unburnt hydrocarbons and NOx emissions.

Maximum operating economy:

Savings of up to 50% on fuel; Ultra low oil consumption; Low maintenance and parts replacement costs.

Superior comfort:

No two-stroke fuel mixture required; Low-noise engine, much easier on the ear; Minimal vibrations; Easy starting; Few exhaust fumes, no smell.

High performance:

Engine tiltable through 360°; Runs smoothly in any position; High torque even at low crankshaft speeds; Aluminium recoil housing, for dependable long-term durability; 7 mm internal drive shaft offers unwavering top-level quality.



Additional tools for brushcutters

Pruner EP 90

Adaptable to models **STARK 25** and **STARK 2500**. Same characteristics as model **EP 100**.

Product number **6306 9002C**

EP 90



Pruner EP 100

Implement for brushcutters with shaft diameter of 24 mm, 26 mm (excluding models **STARK 25** and **STARK 2500**) and 28 mm. Extremely easy and quick to fit, with no tools required: replaces the cutting head. The automatic oil pump mounted on the cutting implement ensures that an ideal flow is delivered to bar and chain at all times. The special profile of the fine, lightweight chain is designed to protect against the effects of kickback, thus offering maximum operator safety.

Product number **6306 9001E**

EP 100



Pruner EP 120

Professional model for intensive use, available with 10" guide bar and chain, adaptable to brushcutters with shaft arm diameter of 26 mm* (except for models **STARK 25** and **STARK 2500**).

Product number for version with 10" bar **6309 0033B**

* In order to use the attachment on **DS 3200** models it is necessary to replace flexible coupling shaft p/n **6128 0064AR**, with rigid adapter p/n **6128 0104** (can be ordered individually).

EP 120



Swivel hedgetrimmers

Compatible with rigid and backpack brushcutters with shaft arm diameter 26 mm (excluding models **STARK 25** and **STARK 2500**).

Model EH 50 (48 cm blade) is particularly suitable for hedge maintenance and can rotate through 270° with numerous fixed positions in between. Also available for pruner **PTX 2710**.

Model EH 25 (25 cm blade) is designed for cutting grass and tidying flowerbeds. Furthermore, the special blade locking device means that it can be folded over the arm, thus keeping overall dimensions to a minimum. Also available for pruner **PTX 2710**.

Model EH 48 is applicable to brushcutter **DS 2400**.

EH 25 p/n **5805 9005B*** for shafts Ø 26 mm can be fitted to **DS 3200** model with adapter p/n **6128 0104**

EH 48 p/n **5805 9012A** for shafts Ø 24 mm can be fitted to **DS 2800** model with adapter p/n **6128 0095**

EH 50 p/n **5805 9001B** for shafts Ø 26 mm can be fitted to **DS 3200** model with adapter p/n **6128 0104**

* available while stocks last.

EH 25



EH 48 - EH 50



Additional tools for brushcutters

Machines	Shaft arm outer Ø	Bevel gear Ø	Pruner			Swivel hedgetrimmers		
			EP 90	EP 100	EP 120	EH 25	EH 48	EH 50
8061	22	M8 male						
8091	22	M8 male						
8100	22	M8 male						
STARK 25 TR / STARK 2500 TR	22	M8 male						
STARK 25 IC / STARK 2500 S	26	M8 female	○					
STARK 25 / STARK 2500 T	26	M8 female	○					
STARK 38 IC / 3800 S / 3810 S	28	M10 male		○				
STARK 38 / 3800 T / 3810 T	28	M10 male		○				
STARK 44 IC / 4400 S / 4410 S	28	M10 male		○				
STARK 44 / 4400 T / 4410 T	28	M10 male		○				
STARK 42 BP / 4400 BP / 4410 BP	26	M10 male		○	○	○		○
DS 220 S / DS 2200 S	24	M10 male						
DS 220 T / DS 2200 T	24	M10 male						
DS 240 S / DS 2400 S	24	M10 male		○			○	
DS 240 T / DS 2400 T	24	M10 male		○			○	
DS 2700 S	26	M10 male		○	○	○		○
DS 2700 T	26	M10 male		○	○	○		○
DS 3000 S	26	M10 male		○	○	○		○
DS 3000 T	26	M10 male		○	○	○		○
DS 2400 D	24	M10 male		○			○	
DS 3000 D	26	M10 male		○	○	○		○
DS 3500 S	26	M10 male		○	○	○		○
DS 3500 T	28	M10 male		○				
DS 4310 S / DS 4300 S	28	M10 male		○				
DS 4310 T / DS 4300 TL	28	M10 male		○				
8410	28	M10 male		○				
8460 IC	28	M10 male		○				
8460	32	M10 male						
8530 IC	28	M10 male		○				
8530	32	M10 male						
8550 BOSS	32	M10 male						
DSF 4310 / DSF 4300	26	M10 male		○	○	○		○
8465 ERGO	26	M10 male		○	○	○		○
8535 ERGO	26	M10 male		○	○	○		○
DS 3600 4S	26	M10 male		○	○	○		○
DS 3600 4T	26	M10 male		○	○	○		○
DISCONTINUED MODELS								
8250 IC / 8250	26	M8 female		○	○	○		○
8250 IC ERGO	24	M10 male		○			○	
8250 ERGO	24	M10 male		○			○	
DS 2800 S	24	M10 male		○			○	
DS 2800 T	24	M10 male		○			○	
DS 3200 S	26	M10 male		○	○	○		○
DS 3200 T	26	M10 male		○	○	○		○
8300 IC	26	M8 female		○	○	○		○
8300	26	M8 female		○	○	○		○
8350 IC	26	M8 female		○	○	○		○
8350	26	M8 female		○	○	○		○
8400 IC	28	M8 female		○				
8400	28	M8 female		○				
DS 3800 S	28	M10 male		○				
DS 3800 T	28	M10 male		○				
DS 4200 S	28	M10 male		○				
DS 4200 T	28	M10 male		○				
DSF 4200	26	M10 male		○	○	○		○
DS 4300 S	28	M10 male		○				
DS 4300 T / DS 4300 TL	28	M10 male		○				
DSF 4300	26	M10 male		○	○	○		○
8355 / 8405	26	M8 female		○	○	○		○
STARK 44 FE	28	M8 female		○				

○ compatible tools

Brushcutter accessories



Speed&Go: the revolutionary system that allows you to refill with line in just **10 seconds** a world first, revolutionary in terms of convenience, speed and ease of filling: 5 times less than normal line heads.

- **Simple:** the head can be refilled using a ready-to-use pre-wound line disk featuring easy opening without using tools
- **Versatile:** thanks to the adapters kit the Speed&Go line head can be fitted to any brushcutter on the market
- **Effective:** constantly perfect cutting performance thanks to the innovative nylon line cross section and material
- **Compact:** 130 mm diameter, with low profile knob; each disk assures the maximum refill capacity in terms of line length
- **Strong:** moulded fibreglass reinforced copolymer body for exceptional impact strength and wear resistance, even in the most demanding conditions
- **Recommended:** for brushcutters from 20 to 40 cc

The pack contains:

- Speed&Go head
- Line disk M (Ø 2.4 mm)
- Adapter M10x1.25 lh female thread

Technical specifications:

- Speed&Go easy line refilling system
- Tap&Go line feed system
- Replaceable aluminium eyelets
- Replaceable low profile cap
- Fibreglass reinforced structure

Just 10 seconds and 3 simple steps to refill

1



Open with a click...

by pressing the two side tabs - with no need for tools.

2



Insert the disk...

on the aluminium plate and feed the two line ends through the eyelets.

3








Close!

by realigning the two halves and gently pressing them together **& GO...**

The innovative disk type refilling system is available in 2 sizes:

- M: Ø 2.4 mm / .095" (7 m / 275" of line)
- L: Ø 3.0 mm / .118" (5.5 m / 216" of line)



	Head	Part code	Line		Refill	Part code
	Ø 130 mm	6313 9002	Ø 2.4 mm		3 pcs Ø 2.4 mm – M line	63040300
					10 pcs Ø 2.4 mm – M line	63040302
					3 pcs Ø 3.0 mm – L line	63040301
					10 pcs Ø 3.0 mm – L line	63040303

Brushcutter accessories



New **LOAD&GO**



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

The new **Load&Go** line head is just the way you wanted it: even easier to fill and with longer life thanks to the new more robust cap. Extra life available with the optional metal reinforced cap. The result of careful research into the needs of users worldwide. Practical, reliable, rugged. Easy to use and install, always ready for work, resistant to impact, wear and vibration. Can be refilled with a few simple gestures without even getting your hands dirty. Equipped with the **Tap&Go** line release system for uninterrupted working. Suitable for all types of brushcutter for both home and professional use.

The pack contains	Ø 110 mm	Ø 130 mm	Ø 130 mm	Technical specifications:
Load&Go head	•	•	•	- Load&Go easy line refilling system
2.4 mm line	Greenline	Greenline	○	- Tap&Go line feed system
3.0 mm line	-	Greenline	First	- Interchangeable reinforced aluminium eyelets
M10x1.25 adapter, 1h female thread	•	•	•	- Reinforced cap with hex socket*
Plastic knob	•	•	○	- Reinforced plastic body
Metal knob	-	○	•	

• standard equipment ○ compatible tools

Just 20 seconds and 3 simple steps to refill

1

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.

2

&...
turn the profiled knob counter-clockwise.

3

Go!
the head is now ready for use.

* 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 110 mm	Knob	Code	Line	Standard adapters	Minimum quantity	Engine
	Plastic	6310 9001	Ø 2.4 mm	M10x1.25 1h female thread	20	20 – 30 cc

Spare parts available

	Knob	6310 0007R	-	-	5	
	Reel without line	6310 0020R	-	-	1	

Ø 130 mm	Knob	Code	Line	Standard adapters	Minimum quantity	Engine
	Plastic	6312 9007	Ø 2.4 mm + Ø 3.0 mm	M10x1.25 1h female thread	20	20 – 55 cc
	Metal	6312 9014	Ø 3.0 mm	M10x1.25 1h female thread	20	30 – 55 cc

Spare parts available

	Knob	6312 0007AR	-	-	5	
	Reel without line	6312 0020AR	-	-	1	
	Reinforced knob	6312 0030AR	-	-	5	

All the performance of a petrol engine with all the benefits of battery-powered tools.

Technology and comfort

Efco battery-powered products the latest evolution of DIY power tools for gardening. Their winning characteristic is their straightforward design and intuitive operation. The easy use fits well with their quiet operation and elimination of exhaust emissions. Switching over to **Efco** battery-powered tools means no need to keep 2-stroke mixture in the shed with the associated risk of deterioration or contamination.

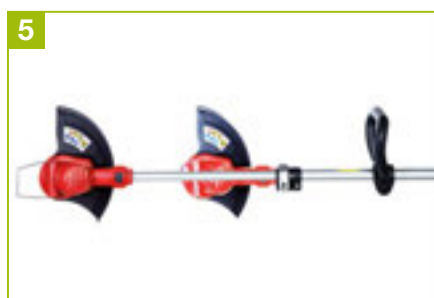


1 Oregon 12" guide bar. Automatic chain lubrication system. SDS (chain tension adjustment system) for easier chain tension adjustment and mounting of guide bar to tool.



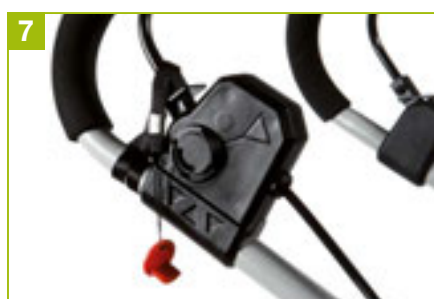
2 Ergonomic handle clad in soft material to reduce vibration transmitted to hands and minimise user fatigue.

3 High quality blades for high precision cutting without damaging the plant.



4 Rugged gearbox for long life and low noise operation.

5 Telescopic shaft for easy transport and to adjust working height on the basis of your stature.



6 Battery position designed for optimal balance of the brushcutter.

7 Removable safety key to prevent inadvertent starts during maintenance operations, when kids are around or when the tool is left unattended.

8 Rigid grass catcher with full-bag indicator.

Battery-powered products

Selection and maintenance guide



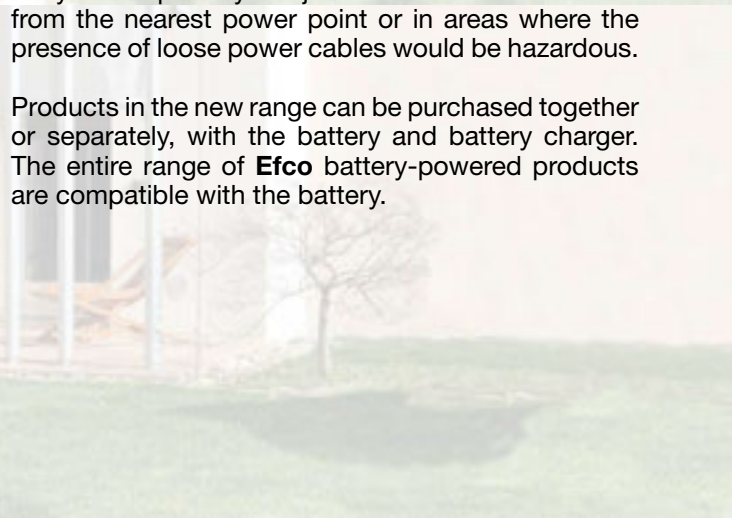
Guide for battery-powered products selection

Battery-powered products are the ideal solution for places that require compliance with specific noise limits: the modern brushless motors combined with powerful 36 V 2.6 Ah / 4 Ah batteries allow high performance combined with exceptionally low noise levels.

The tools are **easy to use**: just check the battery charge with the easy-read battery check (located on the battery) and start working without any form of restriction - the perfect choice for users with no experience of petrol engine tools.

They are especially for jobs that must be done far from the nearest power point or in areas where the presence of loose power cables would be hazardous.

Products in the new range can be purchased together or separately, with the battery and battery charger. The entire range of **Efco** battery-powered products are compatible with the battery.



Proper maintenance of battery-powered products

- Ensure the **battery compartment is clean**. Make sure the compartment is free of obstructions before fitting the battery.

battery-powered chainsaw

- Check the chain brake lever and replace it if necessary (chainsaw).
- Check the **chain oil level** and ensure the reservoir is full.
- Check correct **chain tensioning** and secure fastening of the guide bar to the tool body.

battery-powered hedgetrimmer

- Periodically check the blade to ensure it is sharp.

battery-powered brushcutter

- Check the cutting tool periodically.

battery-powered lawnmower

- Periodically check the blade to ensure it is sharp

Battery-powered chainsaw for home use

The **MT 2200 Li-Ion** battery-powered chainsaw is perfect for jobs around the home, including pruning, cutting small and medium diameter branches and preparing firewood. It's also perfect when the job is to be done in an area with no power points, where petrol engine tools are inappropriate or in enclosed places.



MT 2200 Li-Ion

Compatible batteries	BA 2.6 Ah/BA 4 Ah
Charging time	90 min
Motor type	Brushless
No load motor speed	4600 rpm
Chain (pitch x gauge)	3/8" x .050"
Bar length	30 cm/12"
Chain speed	8 m/s
Number of cuts with a fully charged battery (soft wood limb, diameter 10 cm)	90 cuts (BA 2.6 Ah), 126 cuts (BA 4 Ah)
Oiler	automatic/zero oil flow with motor stopped
Oil reservoir capacity	0.10 L
Sound pressure/power level	89/99.9 dB(A)
Lh/rh vibration level	3.6/3.2 m/s ²
Weight without battery with bar and chain	4.5 Kg



Battery-powered hedgetrimmer for home use

The **Efco** battery-powered hedgetrimmer is the ideal tool for the care of hedges with small section branches and for shaping bushes. Thanks to the absence of a power cord and extreme ease of use, this tool allows safe and easy avoidance of obstacles and access to the place of work.



TG 2000 Li-Ion

Compatible batteries	BA 2.6 Ah/BA 4 Ah
Charging time	90 min
Motor type	Brush
Blade type	double
Blade length	520 mm
Blade tooth spacing	20 mm
Runtime	50 min
Sound pressure/power level	82.7/92.2 dB(A)
Lh/rh vibration level	< 2.5 m/s ²
Weight without battery	3 Kg



Battery-powered brushcutter for home use

The **Efco** battery-powered brushcutter is perfect for cutting back the grass around the home and for lawn edge trimming. The versatility of this tool is due to the telescopic adjustment system and reduced weight, making it ideal for all types of home use.



DS 2000 Li-Ion

Compatible batteries	BA 2.6 Ah/BA 4 Ah
Charging time	90 min
Motor type	Brush
No load motor speed	7500 rpm
Shaft diameter	25.4 mm
Handle	single
Cutting components	single 90 mm dia. line head. 1.6 mm line
Runtime	30 min
Sound pressure/power level	81/94.1 dB(A)
Lh/rh vibration level	< 2.5 m/s ²
Weight without battery	2.8 Kg



Battery-powered lawnmower for home use

The **Efco** battery-powered lawnmower is ideal for cutting the grass in small modern gardens simply, hygienically and with zero noise.



LR 38 P Li-Ion

Compatible batteries	BA 2.6 Ah/BA 4 Ah
Charging time	90 min
No load blade speed	3500 giri/min
Deck	ABS
Motor type	Brushless
Cutting width	38 cm
Propulsion	push-type
Cutting height	20 – 70 mm
No. of settings	6 levels
Grass catcher capacity	35 L
Wheels diameter	150/210 mm
Sound pressure/power level	80/91.6 dB(A)
Vibration level	< 2.5 m/s ²
Weight without battery	13.8 Kg



BA batteries

Combined with the **BTC 36V** battery charger for the perfect match for your battery-powered tool.



	BA 2,6 Ah	BA 4 Ah
Charging time	90 min	95 min
Voltage	36 V	36 V
Current	2.6 Ah	4 Ah
Technology	Lithium Ion cells	Lithium Ion cells
Charge levels	3 led	3 LEDs
Weight	1.2 Kg	1.3 Kg

Battery charger BTC 36V

For charging **BA 2,6 Ah** and **BA 4 Ah** 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 batteries feature a sturdy ABS body to protect them from accidental impact.





A convincing
response
to every need:
machines that make
an expert
of any user.



Lawnmowers

m ²	300	550	800	1000	1200	1400	1800	2000	2200	2400	2600
<p>Battery-powered lawnmower for home use</p> <p> LR 38 P Li-Ion *</p> <p>Push-type electric lawnmower with plastic deck</p> <p> PR 35 S</p> <p>Push-type electric lawnmower with plastic deck</p> <p> PR 40 S</p> <p>COMFORT PLUS push-type lawnmowers with steel deck</p> <p> LR 44 PE COMFORT PLUS</p> <p> LR 48 PE COMFORT PLUS</p> <p>COMFORT PLUS push-type lawnmowers with steel deck</p> <p> LR 44 PK COMFORT PLUS</p> <p> LR 44 PB COMFORT PLUS</p> <p>COMFORT PLUS self-propelled lawnmowers with steel deck</p> <p> LR 44 TK COMFORT PLUS</p> <p>COMFORT PLUS push-type lawnmowers with steel deck</p> <p> LR 48 PK COMFORT PLUS</p> <p> LR 48 PBQ COMFORT PLUS</p> <p>COMFORT PLUS self-propelled lawnmowers with steel deck</p> <p> LR 48 TK COMFORT PLUS</p> <p> LR 48 TBQ COMFORT PLUS</p> <p> LR 48 TBX COMFORT PLUS</p> <p>ALLROAD PLUS 4 self-propelled lawnmowers with steel deck</p> <p> LR 48 TK ALLROAD PLUS 4</p> <p> LR 48 TBR ALLROAD PLUS 4</p> <p> LR 48 TBXE ALLROAD PLUS 4</p> <p>COMFORT PLUS self-propelled lawnmowers with steel deck</p> <p> LR 53 TK COMFORT PLUS</p> <p> LR 53 TBX COMFORT PLUS</p> <p>ALLROAD PLUS 4 self-propelled lawnmowers with steel deck</p> <p> LR 53 TK ALLROAD PLUS 4</p> <p> LR 53 TBX ALLROAD PLUS 4</p> <p> LR 53 TBXE ALLROAD PLUS 4</p> <p> LR 53 THX ALLROAD PLUS 4</p> <p> LR 53 VK ALLROAD PLUS 4</p> <p>ALLROAD EXA 4 self-propelled lawnmowers with steel deck</p> <p> LR 53 TK ALLROAD EXA 4</p> <p> LR 53 TBX ALLROAD EXA 4</p> <p>ALLROAD ALUMINIUM self-propelled lawnmowers with aluminium deck</p> <p> AR 48 TK ALLROAD ALUMINIUM</p> <p> AR 48 TBX ALLROAD ALUMINIUM</p> <p>ALLROAD ALUMINIUM self-propelled lawnmowers with aluminium deck</p> <p> AR 53 TK ALLROAD ALUMINIUM</p> <p> AR 53 TBX ALLROAD ALUMINIUM</p> <p> AR 53 VBD ALLROAD ALUMINIUM</p> <p> AR 53 THX ALLROAD ALUMINIUM</p> <p>ALUMINIUM PRO self-propelled lawnmowers with aluminium deck</p> <p> AR 53 TK ALUMINIUM PRO</p> <p> AR 53 VBD ALUMINIUM PRO</p> <p>MR 55 self-propelled lawnmowers with aluminium deck</p> <p> MR 55 TBD</p> <p> MR 55 TBI</p> <p> MR 55 HXF</p>											

Power source



battery



electric



petrol

Propulsion type



push



self-propelled,
single speed

Wheels type



ALLROAD (200 mm
front/ 280 mm rear)

Cutting type

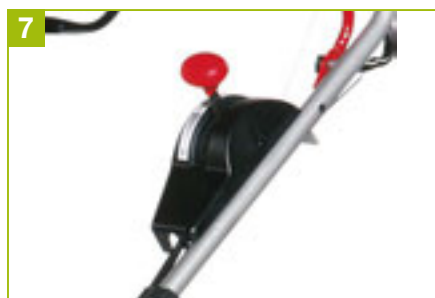
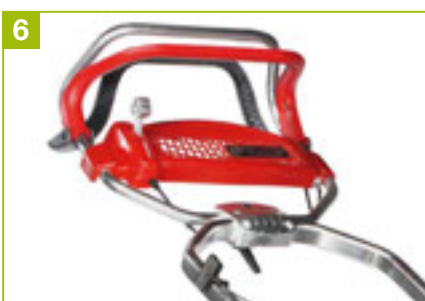


4-cutting device

* refer to the Battery-powered products section

Technology and comfort

From small private gardens to large parks: **Efco** offers lawn-mowing solutions tailored to meet a range of specific needs. The push type for more restricted spaces where manoeuvrability is particularly important; self-propelled for larger gardens in order to facilitate the operator's task. **Efco** lawnmowers are available with different technical specifications designed to satisfy every type of requirement. Options include separate cutting height for each wheel or centrally-controlled, manual or electric starting, electric motor or engine.



1 Cutting height adjustment system, operated by means of a handy lever with pushbutton (**ALLROAD EXA 4, ALLROAD ALUMINIUM, ALUMINIUM PRO**).

2 Large-size wheels, ideal for even the roughest terrain (**ALLROAD PLUS 4, ALLROAD EXA 4, ALLROAD ALUMINIUM, ALUMINIUM PRO**).

3 Engine with "Instart" battery-powered starting (**LR 48 TBXE ALLROAD PLUS 4, LR 53 TBXE ALLROAD PLUS 4**).

4 4-cutting device: cutting system that includes mulching, collection and side discharge as standard with deflector for rear discharge (**ALLROAD PLUS 4, ALLROAD EXA 4**).

5 **MR 55** and **ALUMINIUM PRO** Line, equipped with aluminium wheels: the maximum strength also when facing the heaviest work.

6 **EXA 4** line featuring new ergonomic handlebar with central joint: adjustable to suit the operator's stature and foldable for storage.

7 New professional 3-speed transmission allows selection of ground speed to suit the nature of the work and the type of terrain (**MR 55 TBI, MR 55 HXF**).

8 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 (**COMFORT PLUS combustion engine, ALLROAD PLUS 4, ALLROAD EXA, ALLROAD ALUMINIUM, ALUMINIUM PRO**).

Selection and maintenance guide



Guide to lawnmower selection

For gardens spanning **up to 800 m²**, the best option is an **electric lawnmower**, with **plastic or steel deck**. Equipped with an electric motor, these machines are ideal due to their compact size and manoeuvrability, with a cutting width that generally ranges between **30 and 50 cm**.

For larger **expanses of up to 2000 m²**, models with cutting width of **40 to 55 cm** are more suitable. Comprising a robust structure with steel deck, they are available in the **push-type** and **self-propelled** versions. For **areas exceeding 1200 m²** the best option is a **self-propelled model**, which will reduce the effort needed when working on uneven or sloping ground.

The ideal machines for big gardens (**between 2000 and 2600 m²**) are **self-propelled professional models**. Offering a cutting width of **40 to 55 cm**, they combine the advantages of **tough** construction materials (aluminium deck) with **dependable** performance, in terms of optimum work rate and shorter job times.

Proper maintenance of lawnmower

- Periodically, check the **oil level** and the **fuel level** (models with petrol engine).
- Make certain that the **cutting area** (under the deck), the grass catcher, and the machine in general, are **cleaned** regularly and thoroughly.
- Check the **sharpness of the blade periodically**.
- Inspect and clean the **air filter** periodically (in the case of models with combustion engine).
- Check the **engine oil** periodically and renew if necessary, inspect the **drive belts and pulley** of the transmission system, clean the **variable speed** unit thoroughly, and inspect the **wheel bearings**, lubricating if necessary.

Push-type electric lawnmower with plastic deck

Tools for private use, for small and medium-sized gardens (up to approximately 550 m²), available with ABS body.



Deck
Electric motor power
Cutting width
Propulsion
Cutting adjustment
Cutting height
Grass box capacity
Weight

PR 35 S	PR 40 S
ABS	ABS
1.1 kW	1.3 kW
33 cm	38 cm
push	push
independent	independent
20-36-52 mm	28-44-60 mm
25 L	40 L
12.2 Kg	15.0 Kg

COMFORT PLUS push-type lawnmowers with steel deck

Machines for private users designed for lawn areas up to 1400 m² (46 cm model), with special emphasis on ergonomic solutions and functional styling. **PE** models are equipped with electric motors with copper windings to ensure high performance and lasting reliability.



Deck
Electric motor power
Cutting width
Propulsion
Cutting adjustment
Cutting height
Grass box capacity
Weight

LR 44 PE COMFORT PLUS	LR 48 PE COMFORT PLUS
steel	steel
1.5 kW	1.6 kW
41 cm	46 cm
push-type	push-type
independent	independent
from 28 to 75 mm	from 28 to 75 mm
60 L	60 L
20.6 Kg	24.9 Kg

COMFORT PLUS push-type lawnmowers with steel deck



800-1000 m²



800-1000 m²



LR 44 PK COMFORT PLUS

LR 44 PB COMFORT PLUS

Deck
Displacement
Engine make/model
Cutting width
Propulsion
Cutting adjustment
Cutting height
Grass box capacity
Weight

steel	steel
140 cm³	125 cm³
Emak K 500 OHV	Briggs & Stratton 450 E series
41 cm	41 cm
push-type	push-type
independent	independent
from 28 to 75 mm	from 28 to 75 mm
70 L	70 L
24.0 Kg	23.6 Kg



1000-1400 m²



1000-1400 m²



LR 48 PK COMFORT PLUS

LR 48 PBQ COMFORT PLUS

Deck
Displacement
Engine make/model
Cutting width
Propulsion
Cutting adjustment
Cutting height
Grass box capacity
Weight

steel	steel
140 cm³	140 cm³
Emak K 500 OHV	Briggs & Stratton 550 E series
46 cm	46 cm
push-type	push-type
independent	independent
from 28 to 75 mm	from 28 to 75 mm
70 L	70 L
25.4 Kg	25.7 Kg

COMFORT PLUS self-propelled lawnmowers with steel deck

The single-speed propulsion system makes these models the optimal solution for larger areas (up to 2000 m² in the case of the 51 cm model) and for rough, inaccessible or gently sloping ground.


LR 44 TK COMFORT PLUS

LR 48 TK COMFORT PLUS

LR 48 TBQ COMFORT PLUS

Deck
Displacement
Engine make/model
Cutting width
Propulsion (speed)
Cutting adjustment
Cutting height
Grass box capacity
Weight

steel	steel	steel
140 cm ³	140 cm ³	140 cm ³
Emak K 500 OHV	Emak K 600 OHV	Briggs & Stratton 550 E series
41 cm	46 cm	46 cm
self-propelled (3.6 km/h)	self-propelled (3.6 km/h)	self-propelled (3.6 Km/h)
central	central	central
from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
70 L	70 L	70 L
27.0 Kg	30.2 Kg	30.1 Kg


LR 48 TBX COMFORT PLUS

LR 53 TK COMFORT PLUS

LR 53 TBX COMFORT PLUS

Deck
Displacement
Engine make/model
Cutting width
Propulsion (speed)
Cutting adjustment
Cutting height
Grass box capacity
Weight

steel	steel	steel
150 cm ³	159 cm ³	150 cm ³
Briggs & Stratton 625 E OHV series	Emak K 650 OHV	Briggs & Stratton 625 E OHV series
46 cm	51 cm	51 cm
self-propelled (3.6 Km/h)	self-propelled (3.6 Km/h)	self-propelled (3.6 Km/h)
central	central	central
from 28 to 75 mm	from 28 to 75 mm	from 28 to 75 mm
70 L	70 L	70 L
31.0 Kg	33.2 Kg	34.0 Kg

ALLROAD PLUS 4 self-propelled lawnmowers with steel deck

The **ALLROAD PLUS 4** line of steel deck lawnmowers, with cutting width from 46 to 51 cm, features a “4-cutting device” system that, in addition to grass collection, offers a mulching and side discharge function (mulching plug and side discharge deflector supplied as standard). Equipped with large diameter wheels, these models combine the high strength of our steel deck lawnmowers with smoother running action, even on rough terrain. **TBXE** versions available with battery-powered electric starting and **VK** variable speed drive.



LR 48 TK ALLROAD PLUS 4



LR 48 TBR ALLROAD PLUS 4



LR 48 TBXE ALLROAD PLUS 4

Deck	steel	steel	steel
Displacement	159 cm³	140 cm³	163 cm³
Engine make/model	Emak K 650 OHV	Briggs & Stratton 575 EX OHV series	Briggs & Stratton 675 iS 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
Weight	32.0 Kg	30.0 Kg	34.4 Kg



LR 53 TK ALLROAD PLUS 4



LR 53 TBX ALLROAD PLUS 4



LR 53 TBXE ALLROAD PLUS 4

Deck	steel	steel	steel
Displacement	196 cm³	150 cm³	163 cm³
Engine make/model	Emak K 800 OHV	Briggs & Stratton 625 E OHV series	Briggs & Stratton 675 iS 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
Weight	33.8 Kg	34.0 Kg	37.4 Kg

ALLROAD PLUS 4 self-propelled lawnmowers with steel deck


LR 53 THX ALLROAD PLUS 4

LR 53 VK ALLROAD PLUS 4

Deck	steel	steel
Displacement	160 cm ³	196 cm ³
Engine make/model	Honda GCV 160 OHC	Emak K 800 OHV
Cutting width	51 cm	51 cm
Propulsion (speed)	self-propelled (3.6 Km/h)	propulsion with variable speed control (from 2.5 to 4.5 km/h)
Cutting adjustment	central	central
Cutting height	from 28 to 75 mm	from 28 to 75 mm
Grass box capacity	70 L	70 L
Weight	34.0 Kg	36.0 Kg

ALLROAD EXA 4 self-propelled lawnmowers with steel deck

Top-of-the-range line, equipped with all the necessary devices to ensure more comfortable, versatile and efficient gardening for discerning home users. The classic rear collection is combined with the versatility of side discharge for clearing grass alongside ditches or rows of trees and the mulching function (mulching plug and discharge deflector supplied as standard). The modern design goes hand-in-hand with maximum convenience thanks to the new cutting height adjustment system and handlebar that can be adjusted according to the operator's height.


LR 53 TK ALLROAD EXA 4

LR 53 TBX ALLROAD EXA 4

Deck	steel	steel
Displacement	196 cm ³	163 cm ³
Engine make/model	Emak K 800 OHV	Briggs & Stratton 675 EXi OHV series
Cutting width	51 cm	51 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
Grass box capacity	70 L	70 L
Weight	36.0 Kg	33.6 Kg

ALLROAD ALUMINIUM self-propelled lawnmowers with aluminium deck

Lawnmower with 46 and 51 cm die cast aluminium deck, 4 mm gauge, to ensure excellent resistance to impact and corrosion protection. The lawnmower is supplied with a mulching plug so it can be used in mulching mode. High strength, innovative styling, operator comfort and reliability make these machines unique in their class. Designed for demanding home users and lawn care professionals, these mowers ensure efficiency, comfort and the utmost safety during daily use.



1800-2200 m²

AR 48 TK ALLROAD ALUMINIUM



1800-2200 m²

AR 48 TBX ALLROAD ALUMINIUM



2000-2400 m²

AR 53 TK ALLROAD ALUMINIUM

Deck

aluminium

Displacement

159 cm³

Engine make/model

Emak K 650 OHV

Cutting width

46 cm

Propulsion (speed)

self-propelled (3.6 km/h)

Cutting adjustment

central

Cutting height

from 28 to 75 mm

Grass box capacity

80 L

Weight

42.4 Kg

aluminium

163 cm³

Briggs & Stratton 675 EXi OHV series

46 cm

self-propelled (3.6 km/h)

central

from 28 to 75 mm

80 L

38.5 Kg

aluminium

196 cm³

Emak K 800 OHV

51 cm

self-propelled (3.6 km/h)

central

from 28 to 75 mm

80 L

43.4 Kg



2000-2400 m²

AR 53 TBX ALLROAD ALUMINIUM



2000-2400 m²

AR 53 VBD ALLROAD ALUMINIUM



2000-2400 m²

AR 53 THX ALLROAD ALUMINIUM

Deck

aluminium

Displacement

163 cm³

Engine make/model

Briggs & Stratton 675 EXi OHV series

Cutting width

51 cm

Propulsion (speed)

self-propelled (3.6 km/h)

Cutting adjustment

central

Cutting height

from 28 to 75 mm

Grass box capacity

80 L

Weight

39.5 Kg

aluminium

160 cm³

Briggs & Stratton 750 OHV series

51 cm

self-propelled, variable speed drive
(from 2.5 to 4.5 km/h)

central

from 28 to 75 mm

80 L

44.0 Kg

aluminium

160 cm³

Honda GCV 160 OHC

51 cm

self-propelled (3.6 km/h)

central

from 28 to 75 mm

80 L

41.6 Kg

ALUMINIUM PRO self-propelled lawnmowers with aluminium deck

Lawnmowers with 51 cm deck, designed for professional use on lawn areas of more than 2000 m², guaranteeing constantly high quality through time thanks to the technical solutions adopted: steel gearbox, aluminium wheels, steel front bumper and reinforced deck. The ergonomic two-piece handlebar allows for 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 convenience of the operator.



	AR 53 TK ALUMINIUM PRO	AR 53 VBD ALUMINIUM PRO
Deck	aluminium	aluminium
Displacement	196 cm ³	160 cm ³
Engine make/model	Emak K 800 OHV	Briggs & Stratton 750 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
Weight	46.5 Kg	47.0 Kg

MR 55 self-propelled lawnmowers with aluminium deck

Extremely rugged and with high load capacity, even on wet grass, these models offer all the features required by open space maintenance professionals (professional aluminium transmission, 80 l grass catcher and large diameter aluminium wheels). Ideal for large areas (exceeding 2300 m²) and continuous or intensive use, these models offer great reliability and consistently first-rate performance over time. Optional mulching kit.



	MR 55 TBD	MR 55 TBI	MR 55 HXF
Deck	aluminium	aluminium	aluminium
Displacement	160 cm ³	190 cm ³	163 cm ³
Engine make/model	Briggs & Stratton 750 OHV series	Briggs & Stratton 850 OHV series	Honda GXV 160 OHV
Cutting width	53 cm	53 cm	53 cm
Propulsion (speed)	self-propelled (3.6 Km/h)	3 speeds (1 st : 2.2 – 2 nd : 3.6 – 3 rd : 4.5 Km/h)	3 speeds (1 st : 2.2 – 2 nd : 3.6 – 3 rd : 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
Weight	42.7 Kg	48.0 Kg	51.0 Kg

Accessories for lawnmowers



		Part number	Machines								
			LR 48 COMFORT PLUS	LR 53 COMFORT PLUS	LR 48 ALLROAD PLUS 4	LR 53 ALLROAD PLUS 4	LR 53 ALLROAD EXA 4	AR 48 ALLROAD ALUMINIUM	AR 53 ALLROAD ALUMINIUM	AR 53 ALUMINIUM PRO	MR 55
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. (Not available for electric motor models or for models with 41 cm deck).											
	Mulching kit	6611 0127R	○		●						
		6607 0096R		○		●	●				
		6609 0147R						●			
		6606 0372R							●	●	
		8203 380R									○
	Mulching kit for MR models (Blade + blade carrier hub + plug)	8203 502R									○

● standard equipment ○ compatible tools

To simply enjoy your garden, from today there's a smart solution that works completely independently.

Technology and comfort

Robotmowers - the new, intelligent and practical lawn care solution. The benefits deriving from the purchase of a robotmower are evident: no need to cut the grass since the lawn will always be perfectly manicured, and no need to dispose of grass cuttings (thanks to the twin blade the grass is finely chopped and returned to the soil in the form of a natural fertilizer). The robots operate completely independently: once installed there's no more work required. As soon as the mower needs to be charged it returns independently to the docking station. Power consumption is extremely low, with zero CO₂ emissions. No noise disturbance in the garden and neighbourhood.



1 The double mulching cutting system reduces dirt and debris inside the body.

2 Anti-tipping sensor that trips and automatically stops the robot as soon as the gradient limit of 35% or lateral tilt limit of 40% are exceeded.

3 The retrieval function stops cutting operations at any time and returns the robot to the docking station by pressing the home button (**SIRIUS 1200**).

4 Practical carry handle for simple and rapid transportation.

5 The robot rides over obstacles of less than 7 cm in size or works around larger obstacles by changing direction, thanks to the anti-collision sensor.

6 Discreet and quiet operation at any time, including evenings and night-time in all weather conditions (thanks to the rain sensor **SIRIUS 1200**).

7 Anti-theft device with PIN code and audible signal to prevent unauthorized use.

8 Micro components, intelligently connected in a network for fully automated operation.

Robotmowers

Selection and maintenance guide

Guide to robotmower selection

SIRIUS is the ideal machine for homeowners with lawns of up to 1,200 m² in size. Optimal cutting results are guaranteed even in the presence of a large number of obstacles and highly irregularly shaped lawn surfaces.

If the lawn has a particularly complex layout we recommend model 1200 which can work simultaneously with two charging stations, to be installed at opposite ends of the garden.

For larger gardens we recommend model 1200, which offers longer running time before recharging, while model 700 is the perfect choice for smaller gardens (up to 700 m²) with irregular shaped lawns.



Proper maintenance of robotmower

- **Clean the robot** carefully twice a month with a brush or cloth; use water if necessary for more thorough cleaning.
Clean the underside of the deck once a month.
- Once a week **check the blades** for damage and sharpen them every 3-4 weeks. Change the blades every 6 months or sooner if they show evident signs of deterioration.
- Once a week **clean the area around the wheels** carefully using a brush or a cloth, and ensure the wheels spin freely; make sure the front wheels are able to steer without obstructions.
- Inspect the **electrical contact surfaces** for signs of dirt or burns (incorrect charging).
- Periodically **inspect the contacts on the charging station** to ensure they are in good condition. The contacts must be replaced on the charging station and on the robot if they show evident signs of burning.

A perfect lawn in a few simple steps

Once-only preparation in a few simple steps:

- Install the charging station
- Install the boundary cable in the lawn using the supplied staples
- Calibrate **SIRIUS**
- Set the operating times
- **SIRIUS** is ready for use

Programming, first-time operation:

- Position **SIRIUS** next to the charging station and switch it on
- Enter the PIN code
- Press the HOME button to test the charging station (except model 700)
- Start the calibration procedure and set the days and times of operation
- Switch the rain sensor on or off (except model 700)

Boundary cut function

Thanks to this function **SIRIUS** cuts the grass along the perimeter wire in the preset boundary area. The day and time of this function can be freely programmed.



Robotmowers for home use

SIRIUS 700 is the optimal solution for small gardens with obstacles. The highly compact shape and low weight make it possible to work in the most hard to reach areas of the lawn.

Available in
certain markets only



< 700 m²

SIRIUS 700

Battery	Li-Ion (1.5 Ah/ 18 V)
Charging time	70 min
Operating time	70 min
Cutting system motor speed	3.400 rpm
Guaranteed sound power level	65 dB(A)
Surface area / max. gradient	max 700 m² / 35 %
Cutting height	30 - 60 mm
Cutting diameter	28 cm
Dimensions (length x width x height)	600x490x245 mm
Weight	7.7 Kg



SIRIUS 1200 is a robotmower designed for lawns of up to 1200 m² in size. It is perfectly reliable in all weather conditions because it is equipped with a rain sensor that sets it to stand-by on request. The home function on the docking station makes it possible to recall the mower to base whenever required.

Available in
certain markets only



< 1200 m²

SIRIUS 1200

Battery	Li-Ion (3 Ah/ 25.2 V)
Charging time	120 min
Operating time	120 min
Cutting system motor speed	3.400 rpm
Guaranteed sound power level	65 dB(A)
Surface area / max. gradient	max 1200 m² / 35 %
Cutting height	30 - 60 mm, manual
Cutting diameter	30 cm
Dimensions (length x width x height)	600 x 490 x 245 mm
Weight	8.0 Kg



Ensuring the soil can breathe and feed: basic essentials for a lush, green lawn.

Technology and comfort

Designed and engineered for demanding home users, and for professional gardeners and groundsman, these are the ideal machines for freeing turf of moss and weeds. Lawns should be aerated at least twice during the course of the year, so that the soil can breathe, and so that moisture, air and nutrients can penetrate more readily down to the roots of the grass, favouring steady and healthy growth.



1 Tough spikes of hardened steel (floating, on **50 H60** model), effective even on the hardest soils.

2 Smooth progress on surfaces of any kind, assured by robust wheels turning on bearings (metal, **50 H60** model).



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

4 Powerful and reliable Subaru and Honda engines of overhead valve design, ensuring steady work rate and maximum power transmission.



5 Spiked rotor mounted on massive bearings.

6 Height adjustment system with memory: ensures the machine can be set down at the same height when repositioned.



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

8 Model 40 cm cutting width and collection box.

Selection and maintenance guide



Guide to scarifier selection

Used for **removing thatch and moss from the lawn surface**, they are equipped with a **robust structure** and **powerful engine**, to take on even the toughest of terrains. Lawns should be scarified at least twice a year, as this will aerate the soil and enable moisture, air and nutrients to reach the roots of the grass, favouring steady and healthy growth.

An important feature to look out for is the **height adjustment system with memory**, which ensures that the machine can be set down at the same height when repositioned. Generally available with a **cutting width of between 40 and 50 cm**. Models equipped with bearing-mounted wheels ensure excellent propulsion, whatever the type of surface.

Proper maintenance of scarifier

- Check the **state of the blades** before every use, sharpen or replace as necessary.
- Clean the machine immediately after each use.
- Empty and clean the **collection bag**.
- Clean the bottom of the equipment, as well as **the roller** or scarifier.
- Remove all dirt using a rag or brush.
- Do not clean the machine with running water or high pressure washers.

Scarifier for home use

Practical and manoeuvrable scarifier for home use in gardens of up to 1000 m²; this is the perfect tool for use with lawnmowers for turf scarification in preparation for early-season grass cutting, getting rid of weeds, moss and thatch and ensuring better aeration of the lawn. Also useful before sowing or fertilizer spreading for improved soil penetration.



AG 38 B45

Deck	steel
Displacement	127 cm ³
Engine make/model	Briggs & Stratton 550 series
Cutting width	38 cm
Spike	fixed
Wheels	plastic
Cutting depth	adjustable with memory
Overall dimensions	103x59x109 cm
Weight	34 Kg



Professional scarifiers

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



AG 40 S50

Deck	steel
Displacement	160 cm ³
Engine make/model	Subaru EP16 OHC
Cutting width	40 cm
Spike	fixed
Wheels	plastic
Cutting depth	adjustable with memory
Overall dimensions	120x68x90 cm
Weight	50 Kg



AG 50 H60

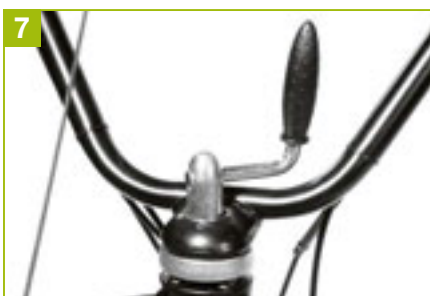
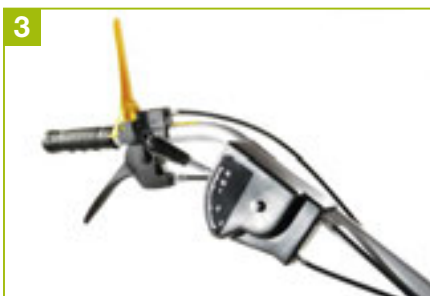
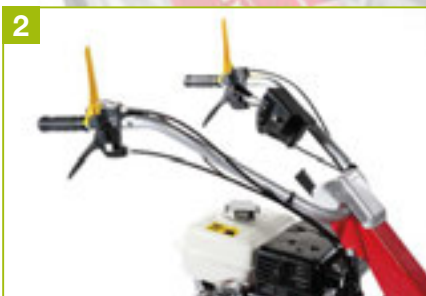
Deck	steel
Displacement	160 cm ³
Engine make/model	Honda GX 160 OHV
Cutting width	50 cm
Spike	floating
Wheels	metal with bearings
Cutting depth	adjustable with memory
Overall dimensions	120x82x102 cm
Weight	65 Kg



Powerful cutting with no half-measures: overgrown areas and long grass no longer a problem.

Technology and comfort

A new range of mowers for demanding home users, produce growers and grounds maintenance professionals. Ideal for heavier workloads that involve cutting down and removing long, thick grass, clearing undergrowth or mowing along verges and the banks of ditches. These machines are typified by high strength and cutting power, and by superior operator comfort, ensuring that professional work of this kind can be completed swiftly and efficiently.



1 The flail mowers incorporate a cutting unit rotor which is supported by reinforced bearings and shields, making the entire machine balanced and resistant to knocks.

2 The flail mowers feature ergonomic control levers (wheel lock release, brakes and gears) all neatly arranged within easy reach.

3 The flail mowers incorporate a reinforced gearbox with a mechanical 4-speed (3FW+1RV) transmission consisting of gears in oil bath.

4 Large rear wheels ensuring smooth progress even over work areas with bumps or depressions.

5 Three-wheeler **51** models equipped with a dolly front wheel, to give a tight turning radius.

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

7 **51 VB6** and **52** models with practical ball joint coupling for adjustment of handlebar (up-down and side-to-side).

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

Wheeled brushcutters/Flail mowers

Selection and maintenance guide



Guide to wheeled brushcutter/flail mower selection

Home users can choose from **semi-professional models**, which are **extremely robust** but also compact and easy to handle. Equipped with **centralised cutting adjustment**, they are ideal for cleaning medium-sized areas infested with weeds, scrub or other types of invasive vegetation.

For more **demanding and continuous work**, such as that performed by farmers or professional contractors, **a professional model is needed**. Equipped with professional blade (wheeled brushcutter) and professional cutting unit (flail mower), **they assure excellent chopping quality**, even on dense undergrowth and medium-sized shrubs.

Proper maintenance of wheeled brushcutter/flail mower

- Before each use ensure that the **cooling intake area** and the **engine cylinder** are free from dirt.
- After each use clean the **cutter assembly housing** and clear the engine of any residual vegetation.
- Regularly check that the **cutting blade** is sharp, so to obtain the cleanest possible cut.
- Replace the **gasket of the blade brake** after every 100 hours of use.
- Lubricate the **bearings, axles, front/rear wheels and chain** after every 25 hours of use.
- Check the **oil level** after every 100 hours (minimum).
- Sharpen and balance the **blade** after every 20 hours of use.

Wheeled brushcutters for intensive use

Featuring high-strength construction, and at the same time compact and manageable dimensions, these models provide the perfect helpmate for fruit and produce growers needing to clear medium sized areas of ground overgrown with weeds, scrub or other invasive vegetation of whatever type.



DR 51 S6

DR 51 VB6

Displacement	189 cm ³	190 cm ³
Engine make/model	Subaru EA190 V	Briggs & Stratton 825 OHV series
Cutting width	51 cm	51 cm
Transmission	single speed propulsion	variable speed drive
Wheels	3 with double front wheel in plastic	3 with metal front wheel
Cutting height adjustment	central (controlled from handgrip)	central (controlled from handgrip)
Cutting height	53-74-96-116 mm	55-80-100-120 mm
Speed	2.3 Km/h	from 2.5 to 4.5 Km/h
Weight	57 Kg	62 Kg

Professional wheeled brushcutter

Powerful professional model, designed for produce growers with heavy and constant workloads to manage, and for greenery maintenance contractors.



DR 52 VBR6

Displacement	190 cm ³
Engine make/model	Briggs & Stratton 850 OHV series
Cutting width	52 cm
Transmission	2 forward speeds + 1 reverse
Wheels	2
Cutting height adjustment	via flange
Cutting height	52-75 mm
Speed	1 st : 2.6 - 2 nd : 3.3 Km/h
Weight	82 Kg

Professional flail mowers

Machines designed for professional and intensive work on grass, shoots, twigs and low vegetation, scrub and stubble. Developed expressly for heavy-duty applications which test normal brushwood cutters to the limit, such as overgrown areas, roadside verges, steep slopes and undergrowth.



< 5000 m²

POWERED BY
HONDA

DR 65 HR11



< 5000 m²

POWERED BY
HONDA

DR 80 HR11

Displacement

389 cm³

Engine make/model

Honda GX 340

Cutting width

65 cm - 38 blades

Transmission

3 forward speeds + reverse

Cutting height adjustment

centralised (20 - 80 mm)

Handlebar adjustment

4 height settings +
5 width settings

Wheels

2 + 2 pivoting with brake

Speed

1st: 1.2 - 2nd: 2.2 - 3rd: 3.4
Rev: 2.2 Km/h

Dimensions

1657x1092x814 mm

Weight

162 Kg

389 cm³

Honda GX 340

80 cm - 46 blades

3 forward speeds + reverse

centralised (20 - 80 mm)

4 height settings +
5 width settings

2 + 2 pivoting with brake

1st: 1.2 - 2nd: 2.2 - 3rd: 3.4
Rev: 2.2 Km/h

1657x1092x964 mm

174 Kg

Ideal workmates that
will always
deliver perfect
results, and fast.
For people hard to
please.



Garden tractors

m ²	4000	5000	6000	7000	8000	9000	10000
SHORT GRASS RIDER mowers for small and medium-sized gardens ZEPHYR 72/12,5 K H ZEPHYR 72/13 H MID-RANGE rear discharge garden tractors EF 84/14,5 K H MID-RANGE rear discharge garden tractors EF 92/13 H PREMIUM-RANGE rear discharge garden tractors EF 95/16 K H							
SHORT GRASS / TALL GRASS MID-RANGE rear discharge garden tractors EF 106/16 K H EF 106/22 H PREMIUM-RANGE rear discharge garden tractors EF 105/16 K H EF 105/17,5 H EF 105/20 H PREMIUM-RANGE rear discharge garden tractors EF 125/23 H							
TALL GRASS Side-discharge garden tractors EF 98 L/14,5 K H Side-discharge garden tractors EF 108 L/18,5 H							
WEEDS / SCRUB Professional all-terrain garden tractors TUAREG 92 EVO TUAREG 92 EVO 4x4							
UNDERGROWTH / SCRUB Professional all-terrain garden tractors TONKAWA 110 4x4							
<div> <div> Discharge type collection side discharge </div> <div> rear discharge mulching mode </div> <div> Terrain type medium slope steep slope </div> </div>							

Technology and comfort

Ideal for large gardens, parkland and public green spaces. Sturdily built and easy to handle, these machines have a small turning circle to maximize manoeuvrability in amongst plants and shrubs. All mowers are equipped with hydrostatic transmission, which means drive and travel speed can be controlled with a single pedal, and are available in various types: with side discharge or rear discharge and grass collection. Certain models can be converted by means of a simple kit to operate in mulching mode: in this instance, the clippings are retained for longer, swirling under the mower deck, and chopped repeatedly before being deposited in finely fragmented particles that will supply beneficial nutrients to the lawn.



1 **ZEPHYR** model equipped with 4-cutting device: versatile cutting system that includes mulching, collection and side discharge as standard, with optional deflector for rear discharge.

2 In the **ZEPHYR** model "4-cutting device" the electromagnetic clutch engages quickly and quietly by way of a handy dash-mounted button.

3 The **ZEPHYR** model can be rested upright: ideal for cleaning the cutting deck and blade and minimising space taken up in the garage or tool shed.

4 New side-discharge lawn tractors with speed controlled by means of a double pedal that acts directly on the hydrostatic transmission. This solution allows reversal of the direction of travel and precise speed control during operation.

5 110 cm cutting deck with 3 rotors and 6 mulching blades for fine chopping of all types of grass and shrubs.

6 Front axle cast in steel to withstand even the heaviest of duties and resist accidental impact (**106** model).

7 Self-locking differential guarantees maximum grip on any type of soil and when working on slopes (**TUAREG**, **TONKAWA**).

8 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 (**106** models).

Garden tractors

Selection and maintenance guide



Guide to garden tractor selection

RIDER mowers for small and medium sized gardens (up to 4000 m²): known as ride-on tractors (engine under driver seat), rated up to 13 HP. Compact and neatly proportioned, these machines afford ease of manoeuvre in gardens with a high density of plants, where grass clippings need to be collected. They can be converted to operate in mulching mode. “4-cutting device” model convertible for side discharge with the deflector provided as standard.

Garden tractors with side discharge (for areas up to 8000 m²): these are small and compact models with a tight turning radius, suitable for manoeuvring in confined spaces. They can be converted to operate in mulching mode. Ideal for difficult terrain and medium size areas: can cut large quantities of grass with the cuttings distributed uniformly over the lawn rather than being collected.

MID-RANGE rear discharge garden tractors (for gardens up to 7000 m²): These machines constitute the perfect combination of ruggedness, reliability and high cutting and loading capacity. Available with 84, 92 and 102 cm cutting widths, all with hydrostatic transmission, electromagnetic mower clutch and mulching function (106 models are equipped as standard with the “Change over” system that allows the loading tunnel to be closed by means of a practical lever, switching instantly from pick-up mode to mulching mode).

PREMIUM-RANGE rear-discharge garden tractors (for areas up to 9000 m²): available with 3 cutting widths (95, 105 and 125 cm), these tractors are designed for the maintenance of large gardens, parks and public open spaces requiring pick-up operation, and also to meet the needs of demanding private users seeking advanced mowing performance combined with a truly satisfying driving experience. The machines are equipped with hydrostatic transmission with dual pedal control of speed and direction, electromagnetic mower clutch and mulching function. Model 125 is equipped as standard with electrically operated grass catcher discharge (available as an option on the other models) for even greater user comfort.

Professional all-terrain garden tractors (for areas up to 10000 m²): with 92 and 110 cm cutting attachment, designed for clearing and tidying areas overgrown with thick vegetation, on uneven terrain and on sloping ground where there is no need for clippings to be collected. With hydrostatic transmission, which allows the operator to control direction and speed by means of a single pedal, and with self-locking differential.

Proper maintenance of garden tractor

- After every 25 hours operation, check that the blade is **fastened securely, and sharp**.
- Every 20 hours, check the **adjustment of the propulsion brake, the state of the drive belts** and the condition of **the blade clutch**: if worn, contact a service centre.
- Make a periodic inspection of all mechanical **fastenings and general lubrication**.
- Check the **level of the oil**, replacing after the first 10 hours operation and every 50 hours thereafter.
- Inspect the **air filter and fuel filter**, and replace if clogged excessively.
- Check the **pressure of the tyres**.

RIDER mowers for small and medium-sized gardens

ZEPHYR represents the latest generation of **Efco** garden tractors. With its compact shape it is ideal for working in confined spaces, whilst also benefiting from ease of use, excellent collection performance and long refuelling intervals. Highly flexible cutting system that includes mulching, collection and side discharge as standard ("4-cutting device" model only), with optional deflector for rear discharge.

Only available
in certain markets



ZEPHYR 72/12,5 K H

ZEPHYR 72/13 H

Displacement	413 cm ³	344 cm ³
Engine make/model	Emak K 1250 AVD	B&S Powerbuilt 3125 AVS series
Cutting width	72 cm	72 cm
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
Weight	192 Kg	192 Kg

Side-discharge garden tractors

Compact side-discharge models with easy-to-reach dashboard controls and hydrostatic transmission for smooth travel, guaranteeing enhanced operator comfort.

Only available
in certain markets



EF 98 L/14,5 K H

EF 108 L/18,5 H

Displacement	432 cm ³	500 cm ³
Engine make/model	Emak K 1450 AVD	B&S Powerbuilt 4185 AVS series
Cutting width	98 cm	108 cm
Cutting height	30-80 mm, 7 positions	30-80 mm, 7 positions
Propulsion	hydrostatic	hydrostatic
Speed	from 0 to 8.8 Km/h forward from 0 to 3.8 Km/h reverse	from 0 to 8.8 Km/h forward from 0 to 3.8 Km/h reverse
Turning radius	70 cm	65 cm
Overall dimensions	172x119x106 cm	172x132x106 cm
Weight	160 Kg	171 Kg

MID-RANGE rear discharge garden tractors

With cutting widths of 84, 92 and 102 cm, these machines provide the optimal combination of ruggedness, reliability, mowing performance and load capacity. Model 84 is perfect for mowing with grass collection in confined spaces, whilst the 106 models are ideal machines for demanding professionals working on large surface areas for prolonged periods, looking for high performance and the maximum user comfort.

Only available
in certain markets



< 4000 m²



EF 84/14,5 K H



< 5000 m²



EF 92/13 H

Displacement

432 cm³

344 cm³

Engine make/model

Emak K 1450 AVD

B&S Intek 3130 AVS series

Cutting width

84 cm

92 cm

Cutting height

30-80 mm, 7 positions

20-80 mm, 6 positions

Propulsion

hydrostatic

hydrostatic

Speed

from 0 to 8.8 Km/h forward
from 0 to 3.8 Km/h reverse

from 0 to 9.0 km/h in forward drive
from 0 to 7.0 km/h in reverse drive

Turning radius

90 cm

80 cm

Bag capacity

240 L

300 L

Overall dimensions

234x90x109 cm

248x95x112 cm

Weight

180 Kg

255 Kg



< 7000 m²



EF 106/16 K H



< 7000 m²



EF 106/22 H

Displacement

452 cm³

656 cm³

Engine make/model

Emak K 1600 AVD

B&S Professional V-Twin series 7220

Cutting width

102 cm

102 cm

Cutting height

30-95 mm, 7 positions

30-95 mm, 7 positions

Propulsion

hydrostatic

hydrostatic

Speed

from 0 to 9.0 Km/h forward
from 0 to 4.5 Km/h reverse

from 0 to 9.0 Km/h forward
from 0 to 4.5 Km/h reverse

Turning radius

40 cm

40 cm

Bag capacity

320 L

320 L

Overall dimensions

242x106x116 cm

242x106x116 cm

Weight

270 Kg

278 Kg

PREMIUM-RANGE rear discharge garden tractors

The machines meet the needs of the most demanding users seeking advanced mowing performance combined with a truly satisfying driving experience. Extremely versatile machines with grass cutting collection in the 300 litre grass catcher, discharged from the rear onto the ground, or in mulching mode (inserting the supplied mulching plug). The new deck is extremely stable and rigid to ensure maximum adherence and driving comfort even over rough ground.



< 5000 m²



EF 95/16 K H



< 7000 m²



EF 105/16 K H

Displacement	452 cm³
Engine make/model	Emak K 1600 AVD
Cutting width	95 cm
Cutting height	30-90 mm, 7 positions
Propulsion	hydrostatic
Speed	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse drive
Turning radius	75 cm
Bag capacity	310 L
Overall dimensions	251x117x100 cm
Weight	230 Kg

Displacement	452 cm³
Engine make/model	Emak K 1600 AVD
Cutting width	105 cm
Cutting height	30-90 mm, 7 positions
Propulsion	hydrostatic
Speed	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse drive
Turning radius	70 cm
Bag capacity	310 L
Overall dimensions	251x117x100 cm
Weight	240 Kg



< 7000 m²



EF 105/17,5 H



< 7000 m²



EF 105/20 H



< 9000 m²



EF 125/23 H

Displacement	500 cm³
Engine make/model	B&S Intek 4175 OHV series
Cutting width	105 cm
Cutting height	30-90 mm, 7 positions
Propulsion	hydrostatic
Speed	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse drive
Turning radius	70 cm
Bag capacity	310 L
Overall dimensions	251x117x100 cm
Weight	243 Kg

Displacement	656 cm³	724 cm³
Engine make/model	B&S V-Twin Intek 7200 OHV series	B&S V-Twin Intek 8230 OHV series
Cutting width	105 cm	125 cm
Cutting height	30-90 mm, 7 positions	30-90 mm, 7 positions
Propulsion	hydrostatic	hydrostatic
Speed	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse drive	from 0 to 9.0 km/h in forward drive from 0 to 4.0 km/h in reverse drive
Turning radius	70 cm	70 cm
Bag capacity	310 L	310 L (with electrically controlled emptying as standard)
Overall dimensions	251x119x110 cm	251x119x130 cm
Weight	260 Kg	275 Kg

Professional all-terrain garden tractors

All terrain garden tractors are characterized by extreme ruggedness and reliability, qualities recommending them as the ideal machines for clearing and tidying overgrown areas with thick vegetation, typically on uneven and sloping terrain. These garden tractors are equipped with various devices to simplify the work of the operator, like the electromagnetic clutch control, hydrostatic transmission, self-locking differential and 4-wheel drive (except for model **TUAREG 92 EVO**), which make it possible to handle all working conditions, especially uneven ground and steel slopes.







Only available
in certain markets










	TUAREG 92 EVO	TUAREG 92 EVO 4x4	TONKAWA 110 4x4
Displacement	570 cm ³	627 cm ³	627 cm ³
Engine make/model	B&S Vanguard V-Twin	B&S Vanguard V-Twin	B&S Vanguard V-Twin
Cutting width	92 cm	92 cm	110 cm
Cutting height	50-120 mm, 6 positions	50-120 mm, 6 positions	40-125 mm, 4 positions
Propulsion	hydrostatic self-locking differential	hydrostatic 4 WD self-locking differential	hydrostatic 4WD self-locking differential
Speed	from 0 to 8.5 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 5.0 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	65 cm	65 cm	73 cm
Overall dimensions	231x101x151 cm	231x101x151 cm	235x174x116 cm
Weight	317 Kg	350 Kg	401 Kg



Accessories for garden tractors

		Part number	Machines																								
			72	ZEPHYR 72/13 H	ZEPHYR 72/12,5 K H	98 L	108 L	84	91 PLUS	92 S	92	101	102	106 S	106	106 S/24 H 4x4	124	95	105	125	TUAREG EVO 4x2 – 4x4	TUAREG EVO 4x2 – 4x4	TUAREG EVO 4x2 – 4x4	TUAREG EVO 4x2 – 4x4	TUAREG EVO 4x2 – 4x4	TUAREG EVO 4x2 – 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.																											
	Mulching kit	6813 0438		●																							
		6813 2062			○																						
		G999 00036E0	○																								
		G999 00038E0								○																	
		6805 0016				●																					
		6805 0017				●																					
		6805 0003					●								○	○											
		G999 00045E0											○	○													
		6812 0008A															○										
		6812 0005A																						○			
		6812 0017A																○								○	
		6812 0025									○	○															
		6805 0012																		●							
		6805 0013																			●						
		6804 0001																				●					
Discharge deflectors To discharge the grass cuttings onto the lawn surface when working.																											
	Rear deflector	6813 0404		○	○																						
		G999 00090E0	○																								
		G999 00051E0							○				○														
		6805 0006						○																			
		G999 00016E0												○													
		6812 0003									○	○															
	6805 0011																		○	○	○						
	Side deflector	6813 0591		●																							
	Side discharge conversion kit	6813 2044			○																						
Electrical grass catcher emptying kit																											
	Electrical grass catcher emptying kit	6805 0014																			○	○	●				
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	6813 0600		○																							
Battery charger To keep the battery in good working order during periods of disuse, ensuring the optimum charge level and longer lifetime.																											
	Battery charger	6813 0481	○	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

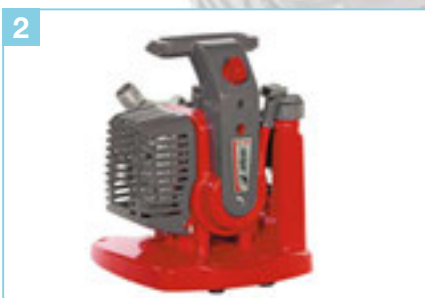
Accessories for garden tractors

		Part number	Machines																			
			72	ZEPHYR 72/13 H	ZEPHYR 72/12,5 K H	98 L	108 L	84	91 PLUS	92 S	92	101	102	106 S	106	106 S/24 H 4x4	124	95	105	125	TUAREG EVO 4x2 – 4x4	TONKAWA 110 4x4
Towing kit Makes it possible to tow a small trailer.																						
	Towing kit	6813 0458	●	○																		
		6805 0004			○	○																
		6805 0005					○															
		G999 00081E0						○				○										
		6812 0007																				○
Snow blade Extremely robust metallic blades, ideal for clearing snow from steps and pedestrian access ways. Available with rubber scraper.																						
	Snow blade with rubber edge	6812 0009A									○	○		○	○	○	○				○	
		6812 0026								○	○											
	Snow blades complete with coupling flange	6805 0015																○	○	○		
		6812 0020												○								
	Snow blade connection lange	6812 0031													○							
		6812 0015														○						○
		6811 0016															○					
		6812 0027									○	○										
	6805 0008																○	○	○			
Snow chains For enhanced grip and traction when working on snow-covered terrain. Easy fitting and removal.																						
	Snow chains for 20 x 10-8 wheels	6812 0014													○	○	○	○	○	○		
	Snow chains for 23 x 10.50-12 wheels	6805 0009																	○	○		
Ballast weight Front-end ballast weight necessary for providing increased grip and stability to the tractor when working on snow-covered terrain. For use in combination with snow shovel.																						
	Ballast weight 50 kg	6812 0013													○	○	○	○				
Bumper kit Fitted to the front of the machine for greater impact protection.																						
	Bumper kit	6805 0018																	○	○	○	
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	6813 0005A		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Lawn roller Lawn roller, perfect for soil compaction after sowing.																						
	Lawn roller	6805 0010		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Simple, tough and full of energy:
the force of our high-pressure pumps.
Like water gushing from the ground.

Technology and comfort

A complete range of self-priming centrifugal water pumps, suitable for every kind of private and professional irrigation requirement, as well as building and deflooding services. Lightweight and manageable, but at the same time tough and extraordinarily reliable. Characterized by a high head-to-flow ratio, these pumps offer maximum flexibility under any operating conditions, and optimum efficiency even with long suction runs.



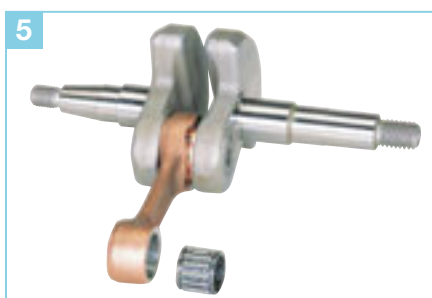
1 The high flow rate and extended work cycle allow these pumps to offer top-quality, non-stop performance.

2 Thanks to its plastic body (**MP 3000**), the machine is extremely light.



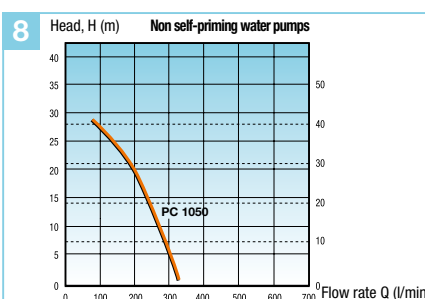
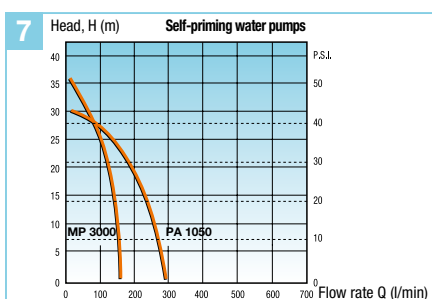
3 Tough tubular steel frame facilitating transport of the machine and affording protection from accidental impact (**PA 1050**).

4 Tough aluminium pump casing ensures maximum long-term durability (**PA 1050**, **PC 1050**).



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

6 Generous capacity fuel tanks allowing long hours operation between refuelling stops.



7 Self-priming water pumps:

Efco models are characterised by an excellent Head/Flow Rate ratio.

8 Non self-priming water pumps:

Efco models are characterised by an excellent Head/Flow Rate ratio.

Water pumps

Selection and maintenance guide

Guide to water pump selection

MP 3000

		Total head H (m)							
Total length of pipeline Ø 25 mm		1.5	3	5	10	15	20	25	30
	5	137	132	128	124	108	98	72	57
	20	108	104	100	89	76	63	57	41
	50	82	79	76	67	58	46	33	12
	100	62	60	57	50	43	34	25	10
	200	46	44	42	37	32	25	16	
	500	28	27	25	22	20	15		
L (m)		Flow rate Q (l/min)							

PA 1050

		Total head H (m)							
Total length of pipeline Ø 40mm		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 (l/min)							

PC 1050

		Total head H (m)							
Total length of pipeline Ø 40mm		1.5	3	5	10	15	20	25	30
	5	308	300	286	250	205	160	120	55
	20	270	260	250	220	185	150	100	53
	50	222	212	203	180	152	123	90	50
	100	177	171	165	148	125	102	78	40
	200	137	130	125	110	98	80	58	
	500	90	88	82	75	65	52	40	
L (m)		Flow rate Q (l/min)							

Proper maintenance of water pump

Routine maintenance of self-priming/non self-priming water pumps

- After every 10 hours operation, clean the **air filter** (metal strainer version) with petrol, dry off and refit; for versions with foam or cloth air filter, shake the element out thoroughly and blow clean with compressed air. Replace if damaged.
- Periodically, check the condition of the **fuel filter**; on versions with float-type carburettor, the filter is located on the carburettor fuel line fitting and should be cleaned with petrol. For versions with diaphragm carburettor, replace the filter if dirty.
- Clean the **spark plug periodically** and check the **electrode gap** (0.5 mm); on 4-stroke versions, check the **level of the oil** after every 10 hours operation and renew after 50 hours.

Major servicing

- Every 300 hours, check the **suction/discharge** balance.
- At least once a year, inspect the **diaphragms** of the high-pressure pump and **replace** if necessary.
- **Renew the oil** and check the **tightness of the bolts** securing the pump assembly.

Self-priming water pumps

Compact, lightweight and dependable with a work cycle of 1 hour on a full tank. Ideal for building work or watering gardens and small plantations.


MP 3000

PA 1050

Power	1.3 HP – 1.0 kW	2.1 HP - 1.6 kW
Displacement	30 cm ³	50.2 cm ³
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








Non self-priming water pump

Extremely lightweight thanks to the aluminum body and with a practical carry handle for easy transport, these water pumps are the optimal solution for the transfer of large liquid flow rates, thanks also to their extended unattended operation time.


PC 1050

Power	2.1 HP - 1.6 kW
Displacement	50.2 cm ³
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
Fuel tank capacity	1.10 L
Sound pressure/power level	88/100.8 dB(A)
Total dry weight	6.5 Kg

Accessories for water pumps

		Part number	Machines		
			PA 1050	MP 300 / MP 3000	PC 1050
Fittings and water filler kit Kit of reducer fittings complete with seals to ensure perfect watertightness and high performance. Allow easy connection between pump and the most commonly available rubber hoses.					
	1" fittings kit	3400 00002R	●	●	
	Water filter with 1" fitting	3400 00001	●	●	
	Spiral hose Ø 1" length 4 m	3400 00031		○	
	1" 1/2 fittings kit	3410 00016A	●		●
	Water filter with 1" 1/2 fitting	3410 00017	●		
	Optional curved fitting kit with 1" 1/2 to 1" reduction	3410 00102	●		
	Water filter with 1" 1/2 fitting and foot valve	3320 00010R			●

Intensive, constant, precision spraying: only the best treatment for your crops.

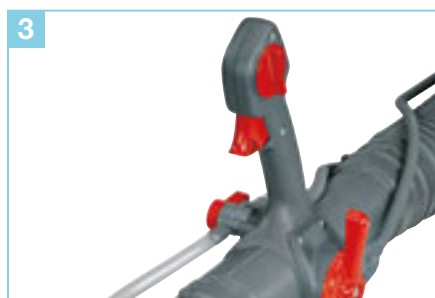
Technology and comfort

Backpack mistblowers designed to give users maximum convenience, long uninterrupted spells of operation, and high efficiency. Easily accessible controls, capacious tanks, aluminium fan, powerful and dependable engines: everything needed to get the job done quickly and simply. Spray jets adjustable according to the type of treatment administered and the type of vegetation treated.



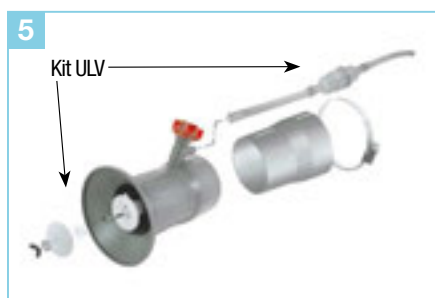
1 The opening angle of the jet can be adjusted rapidly and conveniently without having to stop working, enabling treatment to be customised according to each individual type of vegetation (**AT 2062**).

2 Accessing the filter is extremely easy, and does not require the use of tools, for easier maintenance.



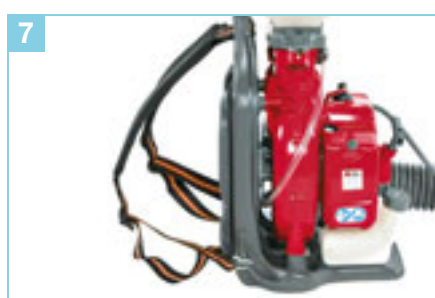
3 The handle incorporates all the main controls, within immediate reach.

4 Machine equipped as standard with booster pump, ensuring a longer throw of sprayed liquids to give better results on taller vegetation (**AT 2062**).



5 With the ULV kit (standard issue), the atomization of sprayed liquids is optimized to allow a more targeted treatment and avoid waste (**AT 2062**).

6 Using the throttle stop, the operator can adjust the flow of air directly from the handle to suit the type of work in hand.



7 Ergonomic harness, and frame suspended on antivibration mounts, for maximum comfort.

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

Mistblowers

Selection and maintenance guide



Guide to mistblower selection

Designed for use in the garden or in smallholdings, these are machines for the discerning user, keen to benefit from the latest technological solutions.

- Driven by **powerful and reliable engines** of around **60-70 cm³** displacements, they offer users maximum convenience, long uninterrupted spells of operation, and high efficiency.
- **Backpack design reduces carrying weight** to render the task of the operator that much easier.
- Mistblowers come with **2-stroke engines in various sizes** depending on the type of use intended.
- They incorporate a **booster pump** – ensuring a longer throw of sprayed liquids to give better results on taller vegetation – and a **ULV kit** that optimizes the delivery of sprayed liquids to prevent waste.
- Standard features include **easily accessible controls and capacious tanks**.
- Other particularly useful accessories are a **conversion kit for treatments utilizing powdered or small granulated products**, and a **double jet kit**, both simple to install.

Proper maintenance of mistblower

- Periodically, inspect the **air filter**, and replace if damaged; inspect the **fuel filter**, and replace if dirty.
- Check the **spark plug** periodically and check the **electrode gap** (0.5 mm).
- Clean the **fan cowl** periodically, freeing the grill of dirt and debris.
- Clean the **cylinder fins** periodically, removing dirt and debris with a brush and compressed air.
- Remove the **flame-trap mesh** from the exhaust silencer once a week, and clean off carbon deposits.
- Inspect the **liquids filter**, wash in clean detergent and dry off; clean the **ULV filter** by blowing compressed air through the six orifices.
- When using a mistblower to deliver notably aggressive chemicals, check and/or replace the **seals**.
- Clean the equipment thoroughly after each treatment.







Backpack mistblowers

For treatment and elimination of pests and insects from allotments, small plantations and nurseries. Capable of spraying both liquids (such as fungicides and pesticides) and powders.



	AT 2062	AT 800
	AT 8000	
Power	4.5 HP - 3.3 kW	5 HP - 3.7 kW (SAE)
Displacement	61.3 cm³	72.4 cm³
Max. air flow	20.0 m³/min	16.0 m³/min
Air speed	90 m/sec	120 m/sec
Liquid delivery rate	0.67 ÷ 5.15 L/min	0.5 ÷ 3 L/min
Liquid tank capacity	16.0 L	14 L
Sound pressure/power level	102/112 dB(A)	95.7/109.6 dB(A)
Lh/rh vibration level	< 2.5 m/s²	< 2.5 m/s²
Weight	11.5 Kg	12.5 Kg

Accessories for mistblowers

		Part number	Machines	
			AT 2062	AT 800/AT 8000
Dusting kit 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.				
	Dusting kit	3652 00114		○
		5602 2014	○	
Double jet kit Allows the operator to execute dual treatment with fungicides.				
	Double jet kit	3651 00062A		○
ULV kit Provides optimal atomization of the sprayed liquid to ensure targeted treatment eliminating overspray and wastage of product.				
	ULV kit	3652 00203A	●	○
Booster pump Pump with maximum output pressure to ensure a wider liquid throw.				
	Booster pump kit	3652 00273R	●	○
Kit for conversion of mistblower to blower Kit for easy conversion of backpack mistblower to professional blower.				
	Conversion kit from mistblower to blower	5602 0129	○	

The value of targeted treatment, applied only where needed. No waste.

Technology and comfort

Ideal for targeted and selective treatments: thanks to the convenient pressure and atomization controls, the machine can direct the spray just where it is needed, avoiding unnecessary waste and ensuring plants and crops are not damaged. Long sessions per single fill, thanks to a tank of generous capacity and an engine light on fuel. High resistance to stress, even when working lengthy stints and operating in hostile conditions: the perfect machine for the most demanding operator.



1 The sprayer features a convenient knob for regulating pressure up to a maximum of 35 bar.



2 The sprayer is fitted with "Lift Starter" for trouble-free starting.



3 Handy manual adjustment of spray atomization.



4 Tank breather system preventing leaks and spills, even accidental.



5 Easy access to air filter and spark plug for swift and simple maintenance.



6 Frame with soft, generously proportioned cushion; broad straps in breathable material.



7 Ample selection of nozzles with two, three and four orifices for crops presenting large surface areas.

Selection and maintenance guide



Guide to sprayer selection

For targeted and selective treatment on vegetation and crops the recommended machines are **backpack models** equipped with **petrol engines of between 20 and 30 cm³ displacement**, preferably with “Primer” and “Lift Starter” for easy ignition. Equally important is the possibility of pressure adjustment, to **precisely match the flow pressure to the type of use**.

Available with different lances with multiple jets for a larger angle of atomisation.

Proper maintenance of sprayer

- Inspect the **air filter**, and replace if clogged or damaged.
- Check the condition of the **fuel filter** periodically; if soiled excessively, discard and fit a replacement.
- Clean the **cylinder fins** periodically, removing dirt and debris with a brush and compressed air.
- Periodically, clean the **spark plug** and check the **electrode gap** (0.5 mm).

Backpack sprayer

Long working time thanks to the high capacity tank and low fuel consumption. High mechanical strength also during prolonged operation in difficult conditions, thanks to the brass pump with its exceptional resistance to corrosion and extreme durability.






IS 2026

Power	1.2 HP - 0.9 kW
Displacement	25.4 cm ³
Liquid tank capacity	25 L
Max. delivery rate	8 L/min
Max. pressure	35 Kg/cm ²
Sound pressure/power level	93/101 dB(A)
Vibration level	< 2.5 m/s ²
Weight	9.0 Kg



Accessories for backpack sprayer



		Part number	Machines
			IS 2026
Extension Modular 670 mm extension (more than one can be used simultaneously) for targeted treatment in hard-to-reach positions.			
	Extension	S011 1000R	<input type="radio"/>
Jets - Lances Broad choice of jets with from 1 to 5 holes for differentiated treatments on large surface area crops or in situations in which different atomisation levels or pressures are required.			
	Complete adjustable 1-hole jet Ø 1.4 mm	S011 2000R	<input type="radio"/>
	Standard round jet Ø 1.4 mm	S011 2002	<input type="radio"/>
	Optional round jet Ø 1.0 mm	5601 0021	<input type="radio"/>
	Optional round jet Ø 0.8 mm	5601 0022	<input type="radio"/>
	Fixed 2-jet lance with 0.5 mm diameter holes	S011 3000	<input type="radio"/>
	Fixed 3-jet lance with 0.5 mm diameter holes	S011 4000	<input type="radio"/>
	Fixed 4-jet lance with 0.5 mm diameter holes	S011 5000	<input type="radio"/>
	Fixed 5-jet lance with 0.5 mm diameter holes	S011 6000	<input type="radio"/>

o compatible tools

Accessories for backpack sprayer

		Part number	Machines
			IS 2026
Connections			
	Single jet kit with one 0.5 mm diameter hole	5601 2019	○
	Two-way connection with 0.5 mm diameter jets	5601 0023A	○
	0.5 mm diameter jet (for 2-way connection)	5601 0024A	○
Bell attachment for localized weed control Ideal for localized weed control treatment. Complete with jet and connection.			
	Bell attachment for localized weed control	5601 0019R	○
	Standard 0.15 mm diameter jet	5601 0020	○
Complete spraygun Complete adjustable spraygun with 1.7 mm diameter jet. The handle can be operated progressively to provide intensive atomization of the liquid from diffused to a single powerful high-precision jet. The adjustable locking ring makes it possible to set a variety of intermediate positions.			
	Complete adjustable spraygun with 1.7 mm diameter jet	5601 0025	○
	Standard 1.7 mm diameter jet for complete spraygun	5601 0026	○
	Optional 1.4 mm diameter jet for complete spraygun	5601 0027	○
Double outlet connection Fitting for connection of a second lance for multiple treatments.			
	Double outlet connection	S012 4000	○
Professional handle for lance Professional handle for enhanced comfort and improved treatment precision. Equipped with filter to remove impurities from liquid arriving from tank.			
	Professional handle for lance	S013 0000	○
Double lance kit The sprayer is prearranged for use with 2 spray lances. By means of a 2-way connection, in addition to the standard lance supplied with the unit the operator can connect a second lance for multiple treatments.			
	Double lance kit with 2-way connection	5601 2020A	○

○ compatible tools

The power of water and the force of pressure: doubly effective for looking after your favourite spaces.

Technology and comfort

The power of water plus the force of pressure: this is the secret of **Efco** high-pressure washers. Vanguard materials and manufacturing methods ensure **Efco** high-pressure washers will deliver hygiene, cleanliness and optimum results. Ideal for household uses, with their impressive cleaning force and innovative styling, these **Efco** appliances combine power and manageability to bring convenience and practical advantages around the outside of the home, in the garden and in the garage.



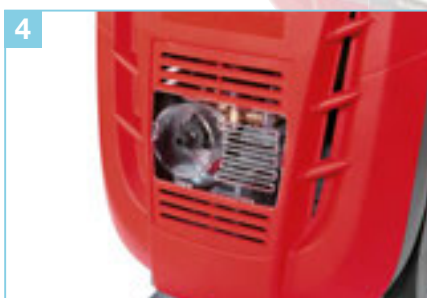
1 Axial 3-piston pump with thermal protection.



2 Water temperature control thermostat (IP 3000 HS).



3 Self-priming pump and combustion engine, for jobs in places lacking an electrical power outlet.



4 Water suction quick fitting.



5 Easy transport thanks to large sized wheels.



6 Practical handle for easier movement.



7 Removable detergent tank with externally visible liquid level.



8 Practical housings to ensure accessories are always in easy reach.

High-pressure washers

Selection and maintenance guide



Guide to high pressure washer selection

For **cleaning outdoor areas around the home**, garden or garage, we recommend **cold water high pressure washers**, which are designed to ensure convenient and practical cleaning. Supplied with a **generous standard equipment package**, these high pressure washers deliver lasting performance and efficiency.

The models recommended for **intensive applications** feature **internal components in stainless steel and brass**, rugged piston pumps, available with regulating valves and pressure gauge.

For **cleaning large areas** (such as yards and arcades), **industrial facilities** such as factory floors or machinery, and whenever the extra cleaning power of hot water is required, we recommend the **hot water electric high pressure washer**. It incorporates a **vertical boiler with double spiral coil**, for fast water heating.

Proper maintenance of high pressure washer

- Check the **power cable, high pressure hose, fittings and lance hose**.
- Periodically check the **level of oil in the pump**, and change the oil when necessary.
- Clean the **water inlet filter** periodically.
- Clean the **jet nozzle** periodically, using the special pin provided.
- Check the **inlet and outlet valves** of the pump.
- Check the pump **control valve**.
- Check the **tightness of the pump screws**.
- Inspect the **safety devices**.

High-pressure washers for home use

Designed to offer convenience and practical advantages when cleaning around the outside of the home, in the garden and in the garage.



IP 1100 S

Pressure
Flow rate
Rated power
Pump
Standard equipment

120 bar
360 L/h
1.6 kW
aluminium
gun with protection
lance with adjustable nozzle
lance with swivel nozzle
foaming lance
5 m thermoplastic hose



IP 1210 S

130 bar
360 L/h
1.7 kW
aluminium
gun with protection
lance with adjustable nozzle head
(Securfix)
foaming lance
hose reel
6 m thermoplastic hose



IP 1360 S

Pressure
Flow rate
Rated power
Pump
Standard equipment

140 bar
410 L/h
2.0 kW
aluminium
gun with protection
lance with adjustable nozzle head
(Securfix)
foaming lance
hose reel
8 m thermoplastic hose
fixed brush



IP 1450 S

150 bar
480 L/h
2.3 kW
brass
gun with protection
lance with adjustable nozzle head
(Securfix)
foaming lance
hose reel
8 m thermoplastic hose
fixed brush

High-pressure washers for intensive use

Efficiency and practicality for intensive cleaning of outdoor areas and garden features. The petrol engine model offers additional opportunities for use also in areas without access to a power point.



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

2.9 kW

-

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 high-pressure washer for intensive use

This model is indispensable for cleaning large areas (courtyards and covered walkways), in industrial surroundings for cleaning large floor spaces and machinery, and in all situations that benefit from the cleaning power of hot water.



IP 3000 HS

Pressure

150 bar

Flow Rate

540 L/h

Engine power

2.7 kW

Pump

brass

Hot water temperature







max 90°C

Standard equipment









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 for high-pressure washers



		Part number	Machines									
			IP 1100 S	IP 1210 S	IP 1360 S	IP 1450 S	IP 1550	IP 1700 S	IP 1750 S	IP 1900 S	IPX 2000 S	IP 3000 HS
High-pressure hose Flexible and strong, this hose connects the unit to the gun with protection.												
	High-pressure hose	6850 0018	●									
		6850 0019		●								
		6850 0020			●	●						
		6850 0021					●					
		6850 0022						●				
		6850 0023							●			
		6850 0024								●		
		6850 0025									●	
		6850 0026										●
Gun Gun with protection.												
	Gun	6850 0027	●									
		6850 0028		●	●	●	●					
		6850 0029						●	●	●		
		6850 0030									●	
		6850 0031										●
Lance with adjustable nozzle Allows the force of the water jet to be adjusted to match requirements.												
	Lance with adjustable nozzle	6850 0032	●									
		6850 0033		●	●	●						
		6850 0034					●					
		6850 0035						●				
		6850 0036							●			
		6850 0037								●		
		6850 0038									●	
		6850 0039										●
Adjustable nozzle head Allows the force of the water jet to be adjusted to match requirements.												
	Adjustable nozzle head	6850 0040		●								
		6850 0058			●							
		6850 0042				●						
Rotary nozzle head Increases effectiveness thanks to the pressure-generated turbine effect.												
	Rotary nozzle head	6850 0043		○	●							
		6850 0044				●						
Rotojet lance Increases effectiveness thanks to the pressure-generated turbine effect.												
	Rotojet lance	6850 0045	●									
		6850 0007A					●					
		6850 0046						○	○			
		6850 0047								●	○	
		6850 0013A										○

Accessories for high-pressure washers

		Part number	Machines										
			IP 1100 S	IP 1210 S	IP 1360 S	IP 1450 S	IP 1550	IP 1700 S	IP 1750 S	IP 1900 S	IPX 2000 S	IP 3000 HS	
Foaming lance Lance with integral detergent dispenser for more efficient washing.													
	Foaming lance	6850 0048	●										
		6850 0049		●	●	●	●	○	○	○			
		6850 0050										○	
		6850 0051											○
Floor wash lance This tool is specially designed for washing floors and surfaces on which projected spray must be avoided.													
	Floor wash lance	6850 0014A		○	○	○	○	○	○				
		6850 0004A					○	○	○	○		○	
Brush Driven by the pressure of the water jet. Made of natural bristles, the brushes are designed for cleaning delicate surfaces.													
	Rotary brush	6850 0002A		○	○	○	○	○	○	○		○	
	Professional rotary brush	6850 0010A						○			○	○	
	Fixed brush	6850 0003A		○	●	●	○	○	○	●	○		
Extension hose 8m pressure hose for the maximum range of action.													
	8 m extension hose	6850 0012A		○	○	○			○				
		6850 0006A									○		
		6850 0052					○	○		○		○	
Drain clearing attachment Unblocks drains and pipelines rapidly.													
	15 m drain clearing attachment	6850 0005A		○	○	○	○	○	○	○		○	
	25 m drain clearing attachment	6850 0011A							○	○		○	
Nozzle for drain clearing attachment Compatible with specific models based on flow rate in litres.													
	Drain clearing nozzle (6-9 L/min)	6850 0056		○	○	○	○	○	○	○		○	
	Drain clearing nozzle (10-15 L/min)	6850 0057							○	○		○	
Sandblast lance Highly practical and easy to use, the sandblast lance removes rust, old paint films, and accumulated deposits.													
	Sandblast lance	6850 0001A		○	○	○	○	○	○	○	○		
		6850 0009A										○	
Water filter kit Water filter for protecting the pump and nozzles from impurities in the water.													
	Water filter kit	6850 0016A	○	○	○	○	○	○	○	○	○	○	

Tough and tireless in the fields;
light and nimble in plots and gardens.
A full range of versatile machines.

Technology and comfort

Rugged and reliable, easy to handle and intuitive to use, **Efco** rotary tillers are designed to facilitate soil preparation and cultivation over large areas. Designed for safety and manufactured with durable materials, **Efco** tillers offer significant benefits for professional users (gardeners, growers, landscaping contractors), also suitable for all domestic gardening enthusiasts.



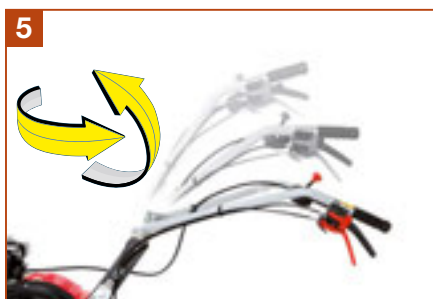
1 The chain guard is reinforced to withstand flying stones and accidental impact.

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



3 All models are equipped with the latest generation OHV engines that offer optimal performance and reduced fuel consumption.

4 External gear selector, ergonomically designed and easily accessible.



5 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. (**MZ 2075, MZ 2080, MZ 2090**).

6 Towing hitch (**MZ 2075, MZ 2080, MZ 2090, MZ 2097**).



7 Oil-bath gear drive for high mechanical strength and reduced maintenance (**MZ 2097**).

8 Broad choice of accessories for use of the rotary tiller as a plough, scarifier or rotary brush (depending on the model).

Rotary tillers

Selection and maintenance guide

Guide to rotary tiller selection

Robust and reliable, easy to handle and user-friendly, rotary tillers are indispensable for soil preparation, cultivation and general tillage over sizeable expanses.

For **home users** taking care of **small-medium sized gardens and allotments** that call for periodic maintenance and a range of different activities we recommend models **with rotors from 80 cm**, equipped with overhead valve (OHV) engines with **displacement of up to 200 cm³**. The **adjustable handlebars** allow the operator to work more comfortably.

The rotary tillers can be used with a range of accessories, such as the adjustable furrower, and equipped with steel or tyred wheels to transform the machine into a multipurpose tool for use in the allotment and in the garden.



Proper maintenance of rotary tiller

- Change the **engine oil** after every 6 months or 50 hours of use.
- Check the **fuel filter** periodically, replace if damaged or excessively soiled.
- Clean or replace the **air filter** periodically.
- Keep the **cooling circuit** clean, and clean or replace the spark plug periodically.
- Clean the **cylinder fins** periodically by brushing, or blasting with compressed air.
- Periodically lubricate the **mechanical linkages, control cables and belt tensioner pivot** with oil.
- Check the **condition of the blades** periodically and sharpen or replace as necessary.
- At least once during every season, **check the tightness of all nuts and bolts**, especially those of the blade rotor.
- Inspect and adjust the **tensioner and propulsion control cables**.

Compact rotary tiller for home use

Ideal for private users with small plots and gardens requiring periodic maintenance. Also designed for a variety of jobs such as preparing soil for grass seeding, digging furrows for planting flowers, shrubs and vegetables, and other operations such as soil scarification and edge tidying. Its versatility means that it can also be used in combination with roller brushes for cleaning patios.



Home Plus
POWERED BY HONDA

MZ 2030

Engine make/model
Displacement
Gearbox
Rotor
Handlebars
Transmission
Dimensions
Weight

Honda GX 25 OHV
25 cm³
1 forward speed
2+2 blades - 30 cm
reversible
in aluminium
125x100x30 cm
14 Kg

Accessories for MZ 2030

Roller brush

Brush with rollers for keeping porches, patios and steps free from dust, green waste and small debris.



Roller brush

6860 2002

Accessories for MZ 2030

Scarifier

Scarifier for freeing turf of moss and thatch, thereby allowing the lawn to breathe.



Scarifier

6860 2003

Accessories for MZ 2030

Plough

Tool for deeper furrowing and preparation of the ground prior to tillage.



Plough

6860 2004

Rotary tiller for home use

Ideal for home gardeners who need to soften up soil for seeding, this model offers an excellent combination of manageability, light weight and user-friendliness.



Home Plus
Emak

MZ 2075 RK

Engine make/model
Displacement
Gearbox
Rotor
Handlebars
Dimensions
Weight

Emak K 800 HT
182 cm³
1 forward speed + 1 reverse
3+3 blades - 80 cm with safety discs
fully adjustable
145x80x97 cm
60 kg

Rotary tillers for intensive use

Designed for vegetable and flower gardens, or smallholdings, these models feature an excellent combination of easy handling, strength, durability and superior performance. Compact and lightweight, they allow problem-free tillage even in confined spaces or around low vegetation.



MZ 2080 RKS



MZ 2080 RPS

Engine make/model

Emak K 800 H OHV

Honda GP 160 OHV

Displacement

182 cm³

163 cm³

Gearbox

1 forward speed + 1 reverse

1 forward speed + 1 reverse

Rotor

3+3 blades - 80 cm
with protection discs

3+3 blades - 80 cm
with protection discs

Handlebars

fully adjustable

fully adjustable

Dimensions

145x100x60-80 cm

145x100x60-80 cm

Weight

50 Kg

50 Kg

* available while stocks last.



MZ 2090 RXS



MZ 2097 RKS

Engine make/model

Honda GX 160 OHV

Emak K 800 HC OHV

Displacement

163 cm³

182 cm³

Gearbox

1 forward speed + 1 reverse

2 forward speed + 1 reverse

Rotor

3+3 blades - 80 cm
with protection discs

3+3 blades - 85 cm
with protection discs

Handlebars

fully adjustable

fully adjustable

Dimensions

145x100x60-80 cm

157x85x110 cm






Weight

50 Kg

72 Kg








Accessories for rotary tillers



		Part number	Machines							
			MZ 2050 RKS	MZ 2075 RK	MZ 2080 RKS	MZ 2080 RS	MZ 2080 RPS	MZ 2090 RXS	MZ 2097 RKS	MZ 2100 R
Furrowers and ploughs Ideal for deep furrowing of hard and uncultivated terrain and to prepare the ground for tillage.										
	Adjustable furrowing tool with attachments	6860 0006			○	○	○	○		○
	Adjustable furrower	6920 9081		1					2	
	Adjustable plough	6920 9082		1					2	
	Potato digger	6920 9083		1					2	
Cultivator head extension kit from 60 to 80 cm										
	Cultivator head extension kit from 60 to 80 cm	6867 2051	○							

o compatible tools 1 requires tool holder 6920 9087 2 requires tool holder 6920 9088

Accessories for rotary tillers

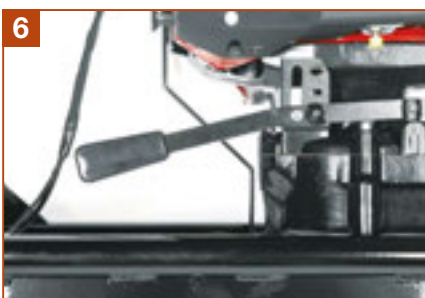
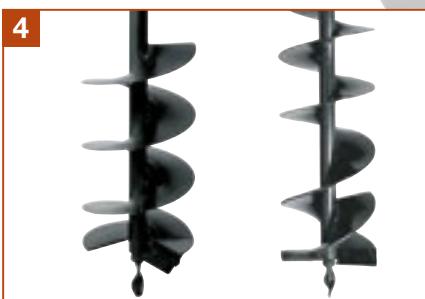
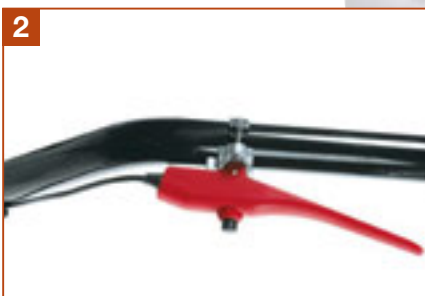
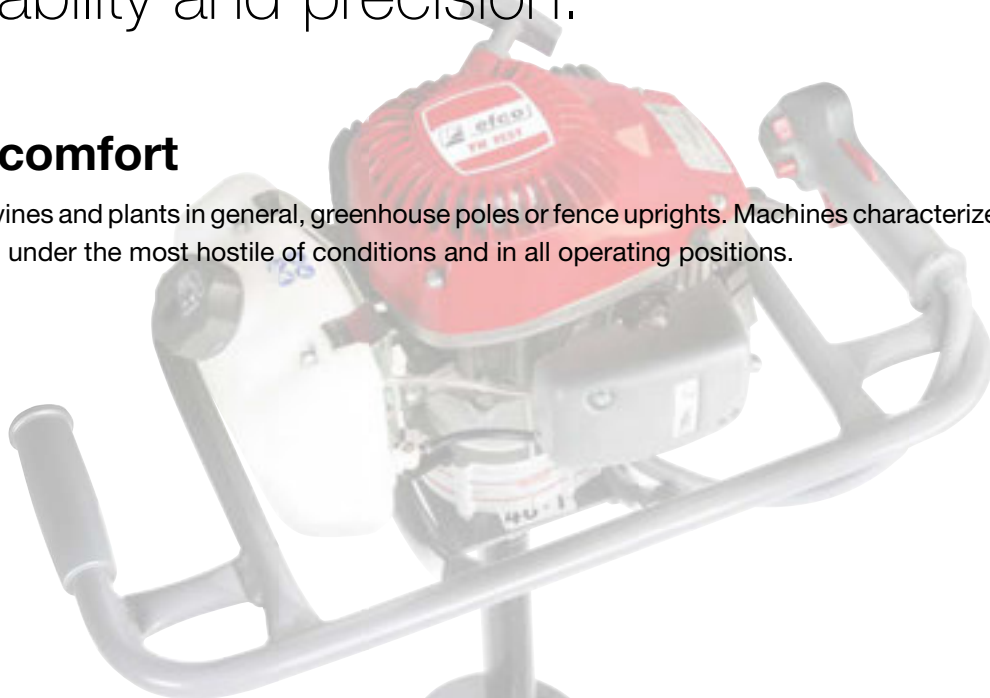
		Part number	Machines							
			MZ 2050 RKS	MZ 2075 RK	MZ 2080 RKS	MZ 2080 RS	MZ 2080 RPS	MZ 2090 RXS	MZ 2097 RKS	MZ 2100 R
Wheels Lateral transpot wheels to easily move the machine on hard surfaces in case of different activities on the soil.										
	Lateral transport wheels Ø 420 mm	6860 0001			○	○	○	○		○
	Pair of tyred wheels 3.50-6"	6920 9089							○	
	Pair of tyred wheels 3.50-8"	6920 9114							○	
	Pair of metal wheels	6920 9084		○						
		6920 9085						○		
	Pair of 4.00 8" DF tyred wheels (require hubs L009 3800)	6920 9025B								○
	Pair of steel wheels dia. 280x50 mm	L0065000			○	○	○	○		
	Pair of steel wheels dia. 410x60 mm (require hubs L0093800)	L0756011								○

○ compatible tools

To sink holes with efficiency and power, there can be no compromise on manoeuvrability and precision.

Technology and comfort

Ideal for sinking holes to receive vines and plants in general, greenhouse poles or fence uprights. Machines characterized by superior mechanical strength under the most hostile of conditions and in all operating positions.



1 One-man operated models have an ergonomically designed handle for optimum comfort, and are equipped with a lever preventing accidental acceleration.

2 The two-man operated model incorporates an automatic safety switch that will shut off the engine if the handles are released.

3 Quick-fit pinned spigot-socket coupler for swift attachment and replacement of bits.

4 Generous range of bits, adapters and extensions for maximum versatility of use.

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

6 A handy lever can be used to shift from forward drive through idle to reverse in swift succession, and allow removal of the bit from the soil with minimal effort.

Earth augers

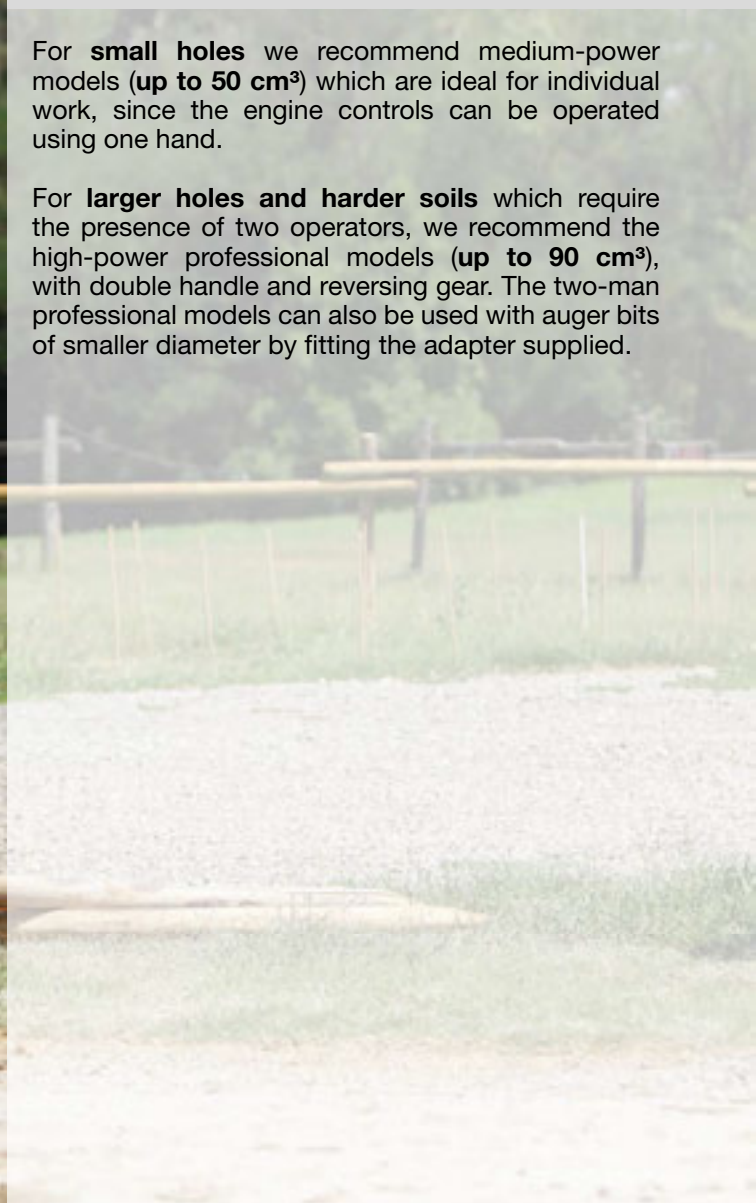
Selection and maintenance guide



Guide to earth auger selection

For **small holes** we recommend medium-power models (**up to 50 cm³**) which are ideal for individual work, since the engine controls can be operated using one hand.

For **larger holes and harder soils** which require the presence of two operators, we recommend the high-power professional models (**up to 90 cm³**), with double handle and reversing gear. The two-man professional models can also be used with auger bits of smaller diameter by fitting the adapter supplied.



Proper maintenance of earth auger

- Clean the air filter every 10 hours of operation; replace the filter if excessively soiled or damaged.
- Check the state of the **fuel filter periodically**, and replace if necessary.
- To ensure efficient cooling, clean the **cylinder fins** by brushing, or blasting with compressed air.
- Clean the **spark plug periodically** and check the **electrode gap**.
- After every 100 hours of use, change the **grease in the gear case**.
- Inspect the bit regularly for signs of wear and damage.
- Check the **flight and the pilot tip**, sharpening or replacing as necessary.

Earth augers








Available in a version for a single operator or two operators for the most difficult operations and the hardest terrain. Numerous single flute and double-flute bit options for the maximum working flexibility. Model **TR 1585 R**, for use with two operators, is equipped with folding handles for easy transport and with an automatic safety switch to stop the engine if the operator accidentally releases the controls.


TR 1551

TR 1585 R

Power	2.1 HP - 1.6 kW	5.7 HP - 4.2 kW
Displacement	50.2 cm ³	80.7 cm ³
Reduction ratio	40 : 1	85 : 1
Bit diameter	8-10-15-20 cm	from 8 to 50 cm
Sound pressure/power level	100/108 dB(A)	96/108 dB(A)
Lh/rh vibration level	13.5/13.5 m/s ²	12/12 m/s ²
Weight without bit	9.1 Kg	30.6 Kg

Accessories for earth augers

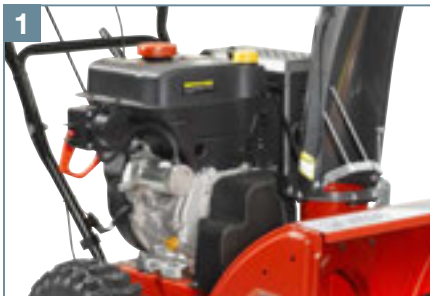
		Part number	Machines	
			TR 1551	TR 1585 R
Drill bits Available in single or double flute versions (double flutes ensure more efficient penetration and facilitate the discharge of earth). Equipped with tip and flute made of special steel to ensure top performance and excellent resistance to wear.				
	Single flute bit ø 8x100 cm	3751 00028A	○	○
	Single flute bit ø 10x100 cm	3751 00029A	○	○
	Single flute bit ø 15x100 cm	3751 00030A	○	○
	Single flute bit ø 20x100 cm	3751 00031A	○	○
	Single flute bit ø 25x85 cm (*)	5303 0061		○
	Single flute bit ø 30x85 cm (*)	5303 0062		○
	Double flute bit ø 25x100 cm	0282 00297		○
	Double flute bit ø 30x100 cm	0282 00298		○
	Double flute bit ø 40x100 cm	0282 00306		○
	Double flute bit ø 50x100 cm	0282 00253		○
Extensions To obtain greater drilling depth.				
	60 cm extension for single flute bit ø 25-30-35 cm	0282 00287		○
	38 cm extension for double flute bits	0282 00289		○
	30 cm extension with cotter pin	3751 00115	○	
	Connection adapter + plugs	0282 00354		○

* does not require connection adapter + plug kit, product number 0282 00354 ○ compatible tools

Make sure you're properly equipped to face the winter weather.

Technology and comfort

Complete range of machines designed for garden maintenance during the winter. With their internal combustion engine and multi-speed gearbox, these snow throwers can reach all corners of the garden and all walkways. Equipped with the very latest technical solutions, these machines provide optimal efficiency for snow clearing and removing drifts, even in the toughest situations.



1 High performance WINTER series engines with overhead valves (OHV) designed for low temperature applications. Electric starting supplied as standard (except models **52** and **56**).

2 Wheels with supergrip snow tread: maximum grip on all types of surface.



3 Practical worklight for operation also in low visibility conditions (except models **52** and **56**).

4 Two stage turbine with serrated auger ensures optimal efficiency also with heavy or frozen snow (except model **52**).



5 Easy-to-use controls on the dashboard (except models **52** and **56**).

6 The direction of the ejector chute is easily adjustable - horizontally and vertically - directly from the control console.



7 Adjustable metal slides with high rubbing resistance to level the rotor at the correct height from the soil to keep it in good condition and ensure correct operation (except model **52**).

8 Self-propelled (except model **52**): facilitate the job and ensure greater operator comfort, especially for the removal of snow drifts from larger surface areas.

Snow throwers

Selection and maintenance guide

Guide to snow thrower selection

The model must be chosen on the basis of the snow conditions in the area of use; for example, **if the snowdrifts to be removed are small**, it is better to **avoid excessively wide augers** (efficiency of the snow thrower is optimal only when the impeller is completely filled with snow). **Models with limited working width** are also the most suitable for working in **confined spaces** or when the Garden has many obstacles and a large number of curves.

Vice versa, select **models with wider augers** (and consequently with more powerful engines) combined with crawler track transmission **to clear heavy snowfalls**.

If the snow thrower is to be garaged in a place that is **poorly protected** from low temperatures, **choose an electric start model** to avoid starting problems.



Proper maintenance of snow thrower

- Before starting snow thrower always check the **oil level** and, if necessary, change the oil by referring to the operating and maintenance manual.
- In the electric starting model check the **battery charge** at least once every 3 months.
- Check that the **tyre inflation pressure** is correct.
- **Lubricate** the **augers** via the relative grease nipple; lubricate the **ejector chute rotation ring** at least once every 3 months.

ARTIK snow throwers for home use

With their powerful engines, the new **ARTIK** snow throwers are ideal for demanding users who intend to deal with the challenges of winter in tranquility and in safety. Equipped with WINTER series overhead valve engines, with electric or manual starting, these machines are designed to provide top performance also in low temperature conditions. The geometry of the supergrip snow tyre tread ensures the maximum grip on all types of terrain and ground surface.

Available for
certain markets only



Emak

ARTIK 52



Emak

ARTIK 56



Emak

ARTIK 56 EL

Engine make/model	Emak 163 cm ³ (5.5 HP)	Emak 182 cm ³ (6 HP)	Emak 212 cm ³ (7 HP)
Starting	manual	manual	manual/electric 12 V
Working width	52 cm	56 cm	56 cm
Propulsion	manual	self-propelled	self-propelled
Gearbox	1 forward speed	7-speed (5 forward + 2 reverse)	7-speed (5 forward + 2 reverse)
N° stages	1	2	2
Ejector chute adjustment	manual / 190° horizontal 70° vertical	manual / 190° horizontal 70° vertical	manual / 190° horizontal 70° vertical
Maximum discharge range	2-8 m	8-12 m	8-12 m
Control console	no	no	no
Worklight	no	no	yes
Tyres type	9"x3.5"x6 super-grip	13"x4.1"-6 super-grip	13"x4.1"-6 super-grip
Weight	45 Kg	70 Kg	73 Kg

ARTIK snow throwers for home use



ARTIK 62 ELD



ARTIK 70 ELD




ARTIK 72 ELDT

Engine make/model	Emak 265 cm ³ (9 HP)	Emak 302 cm ³ (10 HP)	Emak 375 cm ³ (13 HP)
Starting	manual/electric 230 V (110 V)	manual/electric 230 V (110 V)	manual/electric 230 V (110 V)
Working width	62 cm	70 cm	70 cm
Propulsion	self-propelled	self-propelled	self-propelled
Gearbox	8-speed (6 forward + 2 reverse)	8-speed (6 forward + 2 reverse)	8-speed (6 forward + 2 reverse)
N° stages	2	2	2
Ejector chute adjustment	manual / 190° horizontal 70° vertical	manual / 190° horizontal 70° vertical	manual / 190° horizontal 70° vertical
Maximum discharge range	10-15 m	10-15 m	10-15 m
Control console	yes	yes	yes
Worklight	yes	yes	yes
Tyres type	14"x5"-6 super-grip	15"x6.5"-7 super-grip	tracks
Weight	85 Kg	118 Kg	118 Kg

Accessories for snow throwers



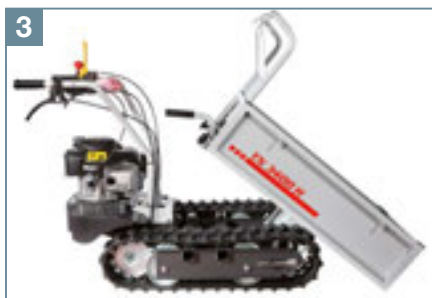
		Part number	Machines			
			ARTIK 56	ARTIK 56 EL	ARTIK 62 ELD	ARTIK 70 ELD
Snow chains Accessory for driving over snow-covered ground on gradients and for particularly difficult ground conditions.						
	Pair of snow chains for 13" wheels	6826 0002	<input type="radio"/>	<input type="radio"/>		
	Pair of snow chains for 14" wheels	6826 0003			<input type="radio"/>	
	Pair of snow chains for 15" wheels	6826 0004				<input type="radio"/>

o compatible tools

Heavy and bulky loads, awkward terrain:
here are some sturdy helpers,
ready to overcome any obstacle.

Technology and comfort

Characterized by extremely tough components and built to high standards of quality, these machines are ideal for construction and agricultural duties involving the transportation of bulky and heavy loads on steep gradients or over rough terrain.



1 Equipped with power take-off for attachment of accessories.

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

3 Tipping angle of up to 50°.

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

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

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

7 Rear metal guard to maximize operator safety.

8 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

Selection and maintenance guide



Guide to transporter selection

For **carrying firewood or harvesting fruit on private land**, the ideal choice is the **manual dump transporter**, which generally offers a load capacity of **up to 450 kg**. A useful feature is the **telescoping dumper body**, which facilitates loading operations and makes it easier to carry very bulky loads.

On the other hand, if you are looking for a transporter which guarantees **matchless long-term reliability** and **solid grip on any type of terrain**, the recommended option is a **professional transporter with load capacity of between 400 and 600 kg**. They incorporate telescoping and fully collapsible sides.

An essential feature is the **tight turning radius**, for easy manoeuvring even in confined spaces.

Proper maintenance of transporter

- Check the **oil level** regularly and change the oil whenever necessary.
- Inspect and clean the **air filter** periodically, replacing as necessary.
- Keep the **cooling circuit** clean, and clean or replace the **spark plug**.
- Change **the transmission oil** after the first 50 hours of use and then after every 100 hours of use.
- Inspect and clean the **brake assembly** periodically.
- Adjust the side-mounted **halfshaft release and brake levers**.
- Check the **track tension adjustment** periodically.

Transporters for home use

Compact and manageable, these machines are a great help out in fields, orchards and woodland for carrying harvested fruit or firewood. Ideal for transporting materials where space is restricted, or on gradients.

Only available
in certain markets



Displacement
Engine make/model
Gearbox
Speed
Lift/dump
Minimum turning radius
Dump angle
Loading deck/Payload
Body length
Body width
Overall dimensions
Weight

TN 3400 H	TN 3400 K
160 cm ³	159 cm ³
Honda GCV 160 OHC	Emak K 650 OHV
2 + 2	2 + 2
1 st : 1.60 - 2 nd : 3.60 1 st Rev: 1.40 - 2 nd Rev: 3.40	1 st : 1.60 - 2 nd : 3.60 1 st Rev: 1.40 - 2 nd Rev: 3.40
manual	manual
700 mm	700 mm
45°	45°
telescoping / 350 Kg	telescoping / 350 Kg
93 - 106 cm	93 - 106 cm
52 - 90 cm	52 - 90 cm
153x60x90 cm	153x60x90 cm
140 Kg	140 Kg

Professional transporters

Designed to stringent quality standards, these transporters offer top performance in terms of carrying capacity, matchless long-term reliability, and, with wide crawler tracks assuring solid grip on any type of terrain, a high level of operator safety even on steep gradients.

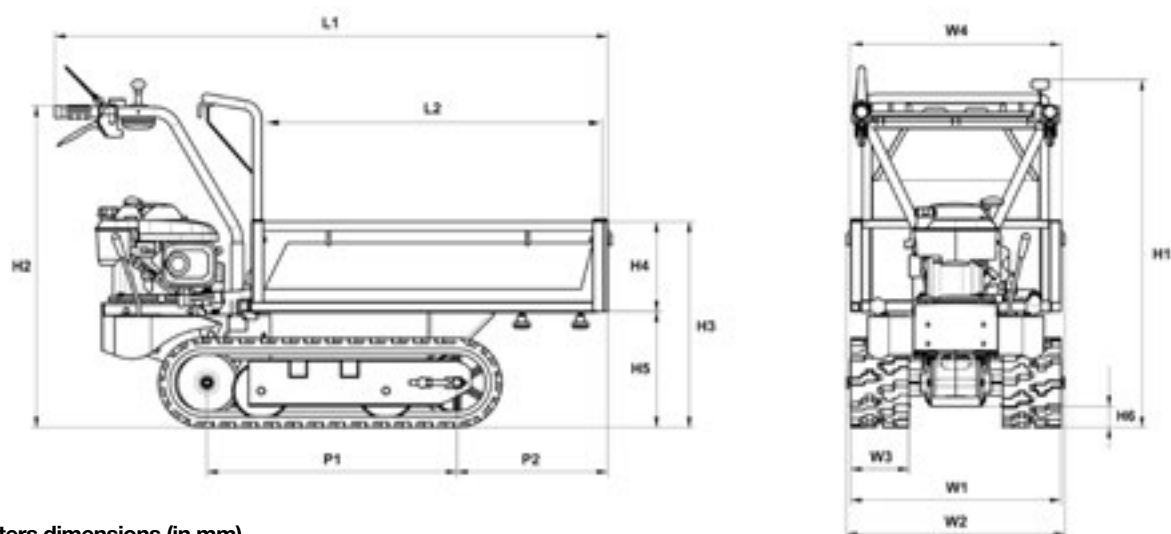
Only available
in certain markets



Displacement
Engine make/model
Gearbox
Speed
Lift/dump
Minimum turning radius
Dump angle
Loading deck/Payload
Body length
Body width
Overall dimensions
Weight

TN 4500	TN 5600
163 cm ³	163 cm ³
Honda GX 160 OHV	Honda GX 160 OHV
3 + 1R	4 + 2R
1 st : 1.88 - 2 nd : 4.13 - 3 rd : 7.00 Rev: 1.86	1 st : 1.88 - 2 nd : 3.16 - 3 rd : 4.13 - 4 th : 7.00 - 1 st Rev: 1.86 - 2 nd Rev: 3.13
manual	manual
700 mm	700 mm
50°	50°
telescoping / 450 Kg	telescoping / 550 Kg
93 - 106 cm	100 - 118 cm
56 - 94 cm	65 - 110 cm
167x65x102 cm	175x73x102 cm
180 Kg	200 Kg

Dimensions / Accessories for transporters



Transporters dimensions (in mm)

	TN 3400 H TN 3400 K	TN 4500	TN 5600
L1	1.530-1.665	1.670	1.745
L2	925-1.060	925-1.060	1.000-1.180
H1	965	1.020	1.020
H2	885	900	900
H3	570	590	590
H4	240	240	240
H5	330	339	339
H6	65	70	70
W1	590	620	620
W2	603-983	643	733
W3	170	-	-
W4	520-900	560-940	650-1.100
P1	690	785	785
P2	415-550	330	405

	Part number	Machines			
		TN 2700	TN 3400	TN 4500	TN 5600

High sides kit

Conversion kit used to increase the height of the sides, facilitating the transportation of bulkier loads.

	High sides kit	6872 2010	○	○		
		6872 2003			○	
		6872 2004				○

Strong, powerful and durable in the extreme. When the going gets tough, no room for half-measures.

Technology and comfort

Powerful professional class tools for cutting asphalt, concrete and metals. Designed specifically for professional users, these machines are equipped with every available leading-edge solution able to guarantee high performance, long-term reliability and maximum operator comfort. Suitably proportioned filter systems designed especially to protect the engine even in the most hostile and dust-laden environments. Ergonomic designed - all main controls readily accessible.



1 Cylinder with decompressor giving smoother start with reduced mechanical stress.

2 The carburettor has a compensator designed to maintain a steady air/fuel ratio, ensuring constant efficiency of the machine and longer maintenance intervals.



3 Available as standard: water cooling kit to keep the disc constantly wet and help eliminate airborne dust generated in the course of cutting operations.

4 Palm-operated safety switch to prevent accidental throttling, all controls located immediately to hand.



5 Innovative multilayer filtering system (foam + paper + nylon): the carburettor receives only clean air, purged entirely of dust.

6 Aluminium cutter arm and disc guard make the machine lighter and more manageable. Cutter arm reversible through 180°, allowing operation close to walls.



7 Ergonomic handle assembly isolated from the engine by six rubber antivibration mounts, rendering the machine more stable and manageable.

Powercutters

Selection and maintenance guide



Guide to powercutter selection

Ideal for **cutting concrete** and other building materials, for **refurbishment** and **new construction**.

Especially suitable for cutting openings for doors and windows, and also cutting various types of pipe, asphalt and metal materials.

A water-type cooling system is used to eliminate the dust generated by the cutting disk, **ensuring optimal working conditions**.



Proper maintenance of powercutter

- Every 10 hours of operation remove the cover and clean the **sponge air filter**; change the filter if damaged or excessively soiled.
- Every 20 hours of operation remove the cover and clean the **paper air filter**; change the filter if damaged or excessively soiled.
- Periodically check the condition of the **fuel filter**.
- Clean the **cylinder fins** regularly, using a brush or compressed air.
- Inspect the **spark plug** and clean it periodically.
- Periodically check the spark plug **electrode gap**.
- Before using the machine check the **cutting disk** and replace it if necessary.
- Check correct tension of the **belt** and replace it if excessively worn.

Powercutters

The right choice for the most demanding cutting requirements in construction and road building applications; fitted with powerful engines and state-of-the-art filtering devices in order to ensure trouble-free running even in dusty environments.



TT 183 16''



TT 163 14''

Power	5 HP - 3.7 kW	4.1 HP - 3.0 kW
Displacement	80.7 cm ³	63.3 cm ³
Cutting disc diameter	400 mm	350 mm
Max. cutting depth	150 mm	120 mm
Sound pressure/power level	102/114 dB(A)	101/112 dB(A)
Lh/rh vibration level	10/8.8 m/s ²	9.4/11.2 m/s ²
Weight without cutting disc	13.6 Kg	10.4 Kg

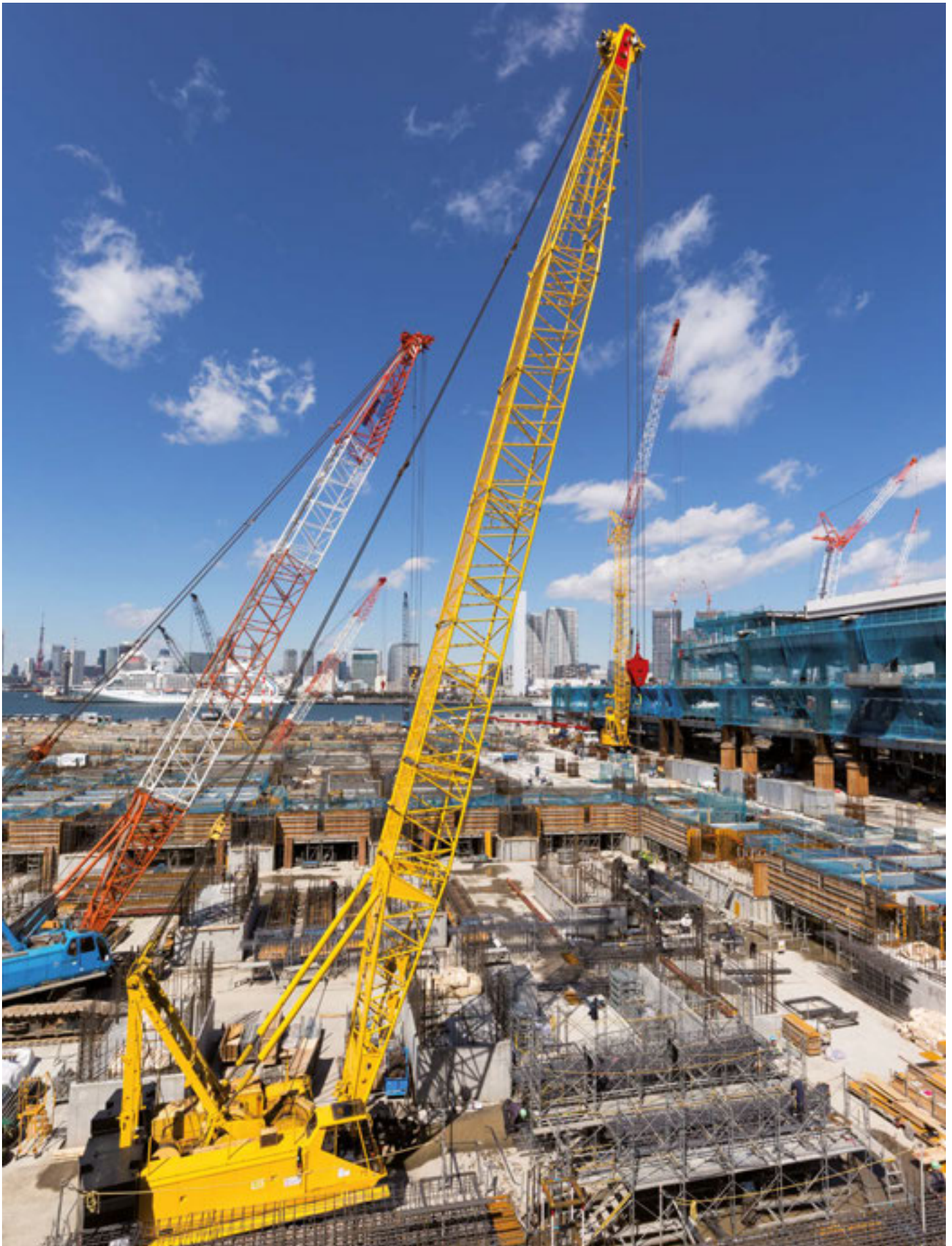
N.B.: photographs are purely indicative. The machine is supplied without disc.

Accessories for powercutters



		Part number	Machines	
			TT 183	TT 163
Water cooling kit The water cooling kit makes it possible to keep the cutting disk constantly wetted, thereby eliminating airborne dust and cooling the cutting equipment.				
	Water cooling kit	5201 2055	●	●
	"Pro" water cooling kit	5201 0110A	○	○

● standard equipment ○ compatible tools



Always in good hands,
before, during and after purchase.

Greater peace of mind and efficiency thanks to technical assistance

Mowing the lawn, clearing up grass and twigs, trimming hedges or thinning the foliage of trees, watering, pruning, these are important jobs that need to be done, if gardens or outdoor areas are to look good and stay healthy, but they can also be of value simply as **enjoyable pastimes** for lovers of greenery and life in the open air. Enjoyable, thanks not least to the **high standards** offered by all **Efco** machines in terms of **performance, comfort and safety**. A machine must be used correctly and **properly maintained** if it is to retain its original quality, add value to the work of the operator and deliver the expected service life and long-term reliability. Accordingly, the careful observance of a few simple guidelines will ensure you continue to derive maximum satisfaction from your machine.

- Contact **only an Efco authorized dealer when making a purchase**: you will be advised as to which is the best machine for your needs, told about correct and safe operating procedures, and instructed how to prepare it for first time use;
- Every machine is accompanied by an **Operator Instruction Book** included in the packaging, which you will receive at the moment of purchase: be sure to read the book carefully before use;
- Have your product **checked over periodically** by an **Efco** authorized dealer: this will ensure the machine always stays in tip-top condition and matches up fully to your expectations;
- Always use **original spare parts and accessories**, which your **Efco** authorized dealer will be able to supply.

Advantages offered by Efco dealerships

- **Advice on purchase:**
the **Efco** dealer will **advise** you on the **machine** best suited to your needs, and provide all pertinent information on correct use of the product.
- **Specialized technical service:**
users are ensured **quality repairs**, carried out as quickly as is practically possible. Products for home use are guaranteed two years.
- **After-sales service:**
all **Efco** dealers are skilled operators who regularly attend **refresher and specialization courses** enabling them to offer the customer clear and comprehensive information, always in line with developments in the sector.
- **Original parts and accessories:**
repairs or replacements of components are carried out using only **Efco** original spare parts and accessories. A guarantee that machines will maintain their performance undiminished over time.



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.





Subject to modifications. Some models one available for certain markets only. - Mod. 3085476A - 2017



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