

H124-124B-124BX-H124D-H124DS-H124DX-H124P-H144MX  
H80-H80GPL-BAHIA-MKM-SKF-SKM-H100E-PRO53-PRO51  
PRO46-BIOCUT53-ATTILA180-ATTILA98-ATTILA95-ATTILASKF

 **ETESIA**  
PRODUCT RANGE

ATTILA88  
DUOCUT46  
ATTILA51



*Seeing is believing*



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## Innovazione ETESIA

Innovation is the key to ETESIA's success... This is because for 20 years, our R&D staff have been developing a series of innovative concepts that have revolutionised green space maintenance and taken our company from success to success. One exclusive, and revolutionary concept : mowing and collection in all conditions. The ETESIA concept eliminates all risks of clogging, offering the first ride-on mower with direct rear ejection and integrated collection. Today, ETESIA is the only manufacturer of ride-on mowers to develop the cutting system first and then the tractor afterwards. Unique cutting quality. Indexed at 90°, the two counter-rotating blades overlap to prevent any central mark. The two blades generate a powerful blowing effect and push the grass through a volute-shaped housing with an increasing cross section into the grassbox. The collection system mounted directly at the outlet of the cutter housing guarantees perfect collection with no risk of clogging - there are no obstacles between the cutter housing and the grassbox. The result is that our machines can mow and collect the grass in conditions - long, wet grass - where most competitors are just not up to the task.



Mowing and collecting

## BIOCUT, mulching by ETESIA

ETESIA is known for its unparalleled performance in grass collection, and in recent years has also made a name for itself as an innovator in mulching. In 2001 our research centre developed the BIOCUT concept, which is characterised by a deck with a very pronounced bell shape which, when combined with a new blade profile, provides cutting results with long and even wet grass that are not matched on the market.



Mulching

## DUOCUT, mulching and collection

Because they never gave up on the quest to develop a cutting deck that could be as good at mulching as at collection, in 2006 our engineers created the DUOCUT concept for the new PRO53. This was a housing designed to give a 100% quality finish regardless of whether you are collecting or mulching, with no compromises on either of the two functions. Quite the contrary, the new housing design even enhances collection performance. The kit, supplied as standard with Pro 53, is simply a plug for the ejection channel that perfectly follows the bell shape required for mulching and does not require the addition of another blade. The accessory can be fitted without tools in just a few seconds. Following the success of this new concept, it was adapted for the cutting deck of the Hydro 100 Diesel in 2006 and the Hydro 100 Evolution in 2009.



Mulching and collecting



## BIO CONCEPT

Environmental protection and a commitment to sustainable development in general have always been among our key concerns, even before they became the latest buzzwords. That is why at ETESIA, we have developed our own philosophy called Bio Concept. It is reflected in the fact that environmental protection is addressed in all areas of the company and at every stage in the life of our equipment. The choice of manufacturing materials and processes takes account of their environmental impact. Bio Concept also covers different projects to develop new clean engines. That is how ETESIA has been able to release three exclusive products in two years: the first ride-on mower in the world to run entirely on PVO (pure vegetable oil, a biofuel), the first ride-on mower in Europe running on LPG (25% less CO, 21% less CO<sub>2</sub>) and the first ride-on mower in the world to run entirely on electricity (zero pollutant, zero noise...). ETESIA's vision of the future of its market is one where business and environmental protection are ultimately reconciled. ETESIA's commitment is taking concrete form with its new green engines and also through the versatility of the range, making it possible to apply several mowing techniques and thus enabling differential management.



## Certifications



**Quality and customer service are key concerns for ETESIA.**

Since 1994 ETESIA has had uninterrupted ISO certification - ISO 9002 in December 1994, ISO 9001 : 2000 in November 2002 and finally ISO 9001: 2008 in November 2009.



## A revolutionary concept

Twenty years ago, ETESIA made its entry into the world of green spaces. That was in 1989, and the concept was a revolutionary one - that of the first ride-on mower with direct ejection and integrated collection, the Hydro 100. The new concept made a deep impact on the mower market and rapidly became an indispensable standard-setter. The fact that after over 15 years of exclusivity, the main competitors of ETESIA have now adopted an equivalent system is a sign of how advanced we were.

## Our business : green space professionals

ETESIA belongs to the OUTILS WOLF group, which is known for its fifty years' experience in the world of gardening. ETESIA is specialised in the designing, manufacturing and marketing of professional equipment for the maintenance of green spaces. Our reputation for excellence in lawn mowing performance has been supported by each of our product families,

and the qualities of ruggedness, reliability, user-friendliness and innovation have become synonymous with ETESIA.

## A success story

Today, ETESIA has one of the best networks of specialists of green spaces care equipment in Europe, has become a key supplier of local authorities and landscape gardeners in Europe and has acquired an exceptional international dimension with operations in over 30 countries spread over five continents. The particularity of ETESIA also lies in its origins and size. ETESIA is the only manufacturer in France of ride-on mowers. We are an SME from Alsace with 130 staff, and our business rivals are enormous Japanese and US multinational corporations.

Despite that fierce competition, 20 years after its birth, our company continues to be a major player in its market. The secret behind that success? Lasting values - a passion for people and technical innovation at the service of high-performance machines and the wellbeing of individuals and their environment.

## A vision of the future

Those are the values on which ETESIA has built its vision for the future - innovation and a commitment to improvement are spurring on our strategy. That is why, in 2008, ETESIA won the INPI Innovation Trophy in the Alsace Region

and secured ISO 9001 version 2008 certification. But ETESIA is not resting on its laurels - now more than ever, it intends to set the standards in the green spaces market in the areas of innovation and high performance. That is why, at the heart of an international recession, ETESIA and its partner OUTILS WOLF have undertaken to build a brand new research centre - the Elmar Wolf Research Centre, named after the founder of the Wolf group.

***In the next twenty years, ETESIA is counting on building on its successes until now.***



# Ride-on mowers range H124DX-H124D-H124DS-124B-124BS-124BX H144MX-144BX-H124-H124DX Family 124-144 cm



## Another world...

The Hydro 124/144 family is at the forefront of innovation and performance in all areas of professional mowing : grass collection with the Hydro 124 and mulching with the Hydro 144. These ride-on mowers dedicated to large and medium-sized areas boast an efficiency, cutting quality, power, manoeuvrability, compactness, comfort and versatility unrivalled on the market. The recent arrival of the 4WD and Bio versions gives the range a new dimension, with improved crossing capabilities and a real contribution to the protection of the environment.

**METESIA**

| Model<br>(L x w x h)**                          | Cutting<br>width | Engine                        | Horse power      | Fuel                     | Road<br>homologation | Wheel<br>drive | Hydrostatic<br>transmission |
|---|------------------|-------------------------------|------------------|--------------------------|----------------------|----------------|-----------------------------|
| <b>hydro 124P</b><br>HVHP (292x128x173)         | 124 cm           | B&S Vanguard<br>twin cylinder | 23 HP<br>16,9 kW | Gasoline                 | option               | 2              | ✓                           |
| <b>hydro 124P</b><br>HVHPX (292x128x173)        | 124 cm           | B&S Vanguard<br>twin cylinder | 23 HP<br>16,9 kW | Gasoline                 | option               | 4              | ✓                           |
| <b>hydro 124P</b><br>HVSP (292x128x129)         | 124 cm           | B&S Vanguard<br>twin cylinder | 23 HP<br>16,9 kW | Gasoline                 | -                    | 2              | ✓                           |
| <b>hydro 124D</b><br>(280x128x174)              | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Diesel/B30               | ✓                    | 2              | ✓                           |
| <b>hydro 124DS</b><br>(280x128x134)             | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Diesel/B30               | -                    | 2              | ✓                           |
| <b>hydro 124DX</b><br>(280x128x174)             | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Diesel/B30               | ✓                    | 4              | ✓                           |
| <b>hydro 124B</b><br>Bio version (280x128x174)  | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Bio fuel<br>(B30)/diesel | ✓                    | 2              | ✓                           |
| <b>hydro 124BS</b><br>Bio version (280x128x134) | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Bio fuel<br>(B30)/diesel | -                    | 2              | ✓                           |
| <b>hydro 124BX</b><br>Bio version (280x128x174) | 124 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Bio fuel<br>(B30)/diesel | ✓                    | 4              | ✓                           |
| <b>hydro 144MX</b><br>(200,5x154,4x126,8)       | 144 cm           | Lombardini 1003<br>3-cylinder | 25 HP<br>18,4 kW | Diesel/B30               | ✓                    | 4              | ✓                           |

(\*) According to the mowing conditions (maximum mowing calculation x cutting width = theoretical output)

(\*\*) l = Length, w = width h = height (in cm)





**H124DX**



**H124D**



**H124P/PX**



**H124DS**



**H144MX**



**H124P/HVSP**

| Front PTO | Speed   | Theoretical output (*)   | Cutting height    | Lift emptying | Grassbox | Mulching plug | Weight |
|-----------|---|--------------------------|-------------------|---------------|----------|---------------|--------|
| -         | From 0 to 12 km/h<br>Forward or reverse speed | 15 000 m <sup>2</sup> /h | from 44 to 102 mm | up to 1m80    | 600 l    | -             | 585 kg |
| -         | From 0 to 12 km/h<br>Forward or reverse speed | 15 000 m <sup>2</sup> /h | from 44 to 102 mm | up to 1m80    | 600 l    | -             | 636 kg |
| -         | From 0 to 12 km/h<br>Forward or reverse speed | 15 000 m <sup>2</sup> /h | from 44 to 102 mm | option        | 600 l    | -             | 514 kg |
| ✓         | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | up to 1m80    | 600 l    | option        | 808 kg |
| option    | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | option        | 600 l    | option        | 716 kg |
| ✓         | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | up to 1m80    | 600 l    | option        | 875 kg |
| ✓         | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | up to 1m80    | 600 l    | option        | 808 kg |
| option    | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | option        | 600 l    | option        | 716 kg |
| ✓         | From 0 to 16 km/h<br>Forward or reverse speed | 19 840 m <sup>2</sup> /h | from 44 to 140 mm | up to 1m80    | 600 l    | option        | 875 kg |
| option    | From 0 to 16 km/h<br>Forward or reverse speed | 23 040 m <sup>2</sup> /h | from 44 to 140 mm | -             | -        | ✓             | 700 kg |

# Ride-on mowers range H124P/HVHP-H124P/HVSP-H124P/HVHPX

## Family Hydro 124P



### XXL-size performance...

Fitted with a 124-cm overlapping cutting deck and a 23-hp two-cylinder Vanguard engine. It has a higher hourly mowing output of up to 15 000 sq.m. per hour, and an unequalled weight-to-power ratio. Above all, it represents excellent value for money, both for the initial purchase and for use.

Available with for wheels drive (HVHPX).

**METESIA**

### PERFORMANCE

Up to 15 000 sq.m. grass cut and collected per hour : up to 12 km/h under optimal mowing conditions with a cutting deck of 1,24 m cutting width. Hydraulic emptying of the 600 l. grassbox up to 1,80 m (model HVHP) or ground emptying (model HVSP). Full use of engine power, a hydraulic pump ensures the hydraulic motors on the rear-wheels have ample power for optimum performance. Differential lock provides excellent traction on difficult terrains. VANGUARD 23 HP twin cylinder engine water cooled, 3 years of warranty.

### COMFORT

Grouped next to the driver's seat, and within easy reach, are the controls – for emptying the grass collector, engaging the blades, setting the grass cutting height, applying the differential lock, etc. They are all positioned logically and ergonomically, and are easy to operate. Seat with arm rests, can be tilted ; adjusted to the operator's weight and is adjustable back and forwards. Power steering ensures precise steering, easy turning, and less fatigue for the operator. The dashboard is fitted with an instrument showing the following functions: time counter, maintenance indicator, operational check of all safety devices, fuel level gauge with low level warning light, battery charge indicator, hydraulic circuit overheating indicator, and lighting indicator.

### ROBUSTNESS

Screw-assembled mechanically welded chassis with anti-corrosion treatment. The H124P is built to last. Maintenance is minimal, ensuring uninterrupted hours of use. The choice of hydraulics instead of mechanical solutions provides the user with transmission systems on the H124P that last longer and have improved reliability. To avoid any major damage, the blades are protected with two shear bolts that can be replaced in the event of a violent impact. Mastershock cutting deck, which does not rust. 600-litre grass collector with tubular structure and rot-proof fabric.

### VERSATILITY

The H124P can be equipped with a cab, a snow plough and snow chains enable you to use your H124P for snow clearance. High grass mowing thanks to the deflector.



### The + products :

- High output width
- Hydraulic transmission with high output
- Differential lock
- No rear axle
- Excellent traction
- Direct rear ejection without clogging
- 600L grassbox with hydraulic emptying







# Ride-on mowers range H124DX-H124D-H124DS

## Family Hydro 124D



### A World Apart...

The hydro 124 is the first professional ride-on mower with direct rear-ejection and high-lift emptying. Our mower has proved its worth since it was launched not only in terms of its exceptional level of performance but also because of its high level of standards in comfort and safety.

**H124DX is the four wheel drive version.**

**ETESIA**

### PERFORMANCE

#### Efficiency at its best

ETESIA's hydro 124 is the first ride-on mower to combine direct rear-ejection with integrated collection (600 L.) and high-lift emptying, making it one of the most highly efficient machines on today's market. This high-output ride-on mows up to 19,000 sq. metres per hour: 1,24 cutting width and a speed of 16 km/h.

### COMFORT

#### Comfortable, safe and user friendly

Hydro 124 ride-on mowers have power steering, an adjustable steering console, and simple, functional controls. No more turbine noise to put up with all day long. Maintenance has been reduced to a minimum and made as easy as possible. These aren't just details – they are points you will appreciate every day.

### ROBUSTNESS

#### Robust and reliable :

The strictly controlled design and manufacturing to ISO 9001 standards, and the choice of component parts and materials with tried and tested durability and reliability, mean that the hydro 124 ride-on mowers can be used all year round, whatever the work that needs to be done and whatever the terrain to be worked.

### VERSATILITY

#### Multi-functional

A wide range of attachments for parks and gardens, roads and snow turns the hydro 124 ride-on mower into a versatile multi-purpose tool that you can use all year round whatever the weather or terrain : scarifier, deflector, mulching deck, sprayer, cab, spreader, snow blade,...



### The + products :

- Grass collection in all conditions
- Robust and reliable
- Compact
- High output
- Easy maintenance
- Comfortable
- Powerful Diesel engine
- Versatile





**H124DS**  
ground emptying model



**H124D**  
lift emptying model



**H124DX**  
4 wheel drive model



### **Bio Concept**

H124 in Bio version are running with biodegradable engine oils and biodegradable greases. The ride-on mowers run entirely on PVO (30% methyl esters of pure vegetable oil and 70% of Diesel) also called "Diester", without loss of performance and with all the manufacturer guarantees.

#### **Benefits of B30 for the environment :**

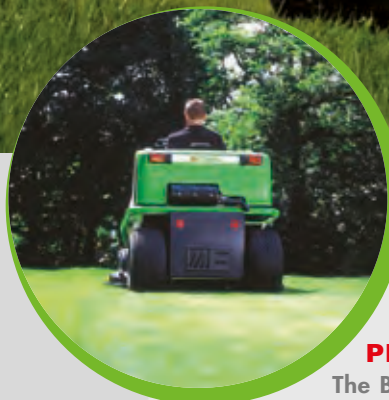
- Diester is biodegradable to 98%.
- Renewable fuel.
- Reduction of 59% of the gas emissions with "greenhouse" effect compared to the gas oil.
- Positive energy assessment : the Diester restores 2,2 times more energy than it is necessary.





# Ride-on mowers range H144MX-H144BX

## Family Hydro 144



### HYDRO 144MX The Mega-Mulcher

With its 144 cm wide Biocut mulching deck, ETESIA's hydro 144 provides environment-friendly mowing with significantly reduced time and effort. 4 wheel-drive.

#### PERFORMANCE

The Biocut mulching system's specially profiled blade and dome shaped deck retain the cut grass, chopping it into fine particles then blasting them into the sward to decompose naturally. Depending on ground conditions, the hydro 144 can work at speeds of up to 16 kph. For stability and traction, the weight of the hydro 144 is distributed with 40% on the front axle and 60% on the rear axle. Multiplied by ten on 4x4 version.

#### COMFORT

Comfort seat : the position of the suspension seat fitted with arm rests is fully adjustable for total operator comfort. Good visibility : the driving position provides the operator with excellent all-round visibility. Smooth power steering ensures easy-maneuvrability and minimises operator fatigue. All controls are within easy reach of the operator for easy and simply handling without effort. Easy access and without tools to the different mechanical components.

#### ROBUSTNESS

The hydro 144 has two tubular chassis bolted together for strength and durability. For long-life, reliability and trouble free operation, hydraulics is used throughout. Three blades and three belts are the only moving parts on the machine.

#### VERSATILITY

Measuring just 1.54 metres wide and 2.01 metres long, the hydro 144 combines compact dimensions with high output, making it ideal for use on a wide variety of sites. A wide range of accessories for turf care, snow clearance and road use make the Hydro 144 to a very versatile mower : scarifier, blower, sweeper, snow plough, cab (optional front hydraulic kit may be required).

#### The + products:

- Permanently for wheel drive
- Efficient and clean mulching
- Exceptional output
- Robust and reliable
- Compact
- Easy maintenance
- Powerful diesel engine
- Comfortable
- Versatile





### **Bio Concept**

H124 in Bio version are running with biodegradable engine oils and biodegradable greases. The ride-on mowers run entirely on PVO (30% methyl esters of pure vegetable oil and 70% of Diesel) also called "Diester", without loss of performance and with all the manufacturer guarantees.

### **Benefits of B30 for the environment :**

- Diester is biodegradable to 98%.
- Renewable fuel.
- Reduction of 59% of the gas emissions with "greenhouse" effect compared to the gas oil.
- Positive energy assessment : the Diester restores 2,2 times more energy than it is necessary.





# Ride-on mowers range H124DX-H124D-H124DS-124B-124BS-124BX

## H144MX-144BX-H124D-H124DX Family 124-144 cm accessories



### Versatility itself...

The very wide range of accessories available for the Hydro 124/144 family enables green spaces professionals to cover all their green space and roadway maintenance needs throughout the year. Whether it be grass collection, mulching, mowing, scarification, spreading, spraying, snow clearance or road cleaning, ETESIA offers simple, effective solutions designed for quick fitting onto the series models (details according to the model in the table below). The Hydro 124/144 family has been designed and developed to be innovative, efficient and versatile.



Available for model :

|         |   | H124D/DX/<br>BX/B | H124DS/BS | H144/MX/<br>B/BX | H124P<br>HVHP/HVSP |
|---------|---|-------------------|-----------|------------------|--------------------|
| MA 124  | Agrarian wheels                                       | ✓                 | ✓         | ✓                |                    |
| MSF 124 | Blower  | ✓                 | ✓*        | ✓*               |                    |
| MSC 124 | Scarifier   | ✓                 | ✓*        | ✓*               |                    |
| MCF 124 | Front cutting deck, removable,<br>cutting width 65 cm | ✓                 | ✓*        | ✓*               |                    |
| MCM 144 | Mulching deck   | Option            | Option    | ✓                |                    |
| MH 124  | Soft grass box  | ✓                 | ✓         |                  |                    |
| MH 124R | Rigid grass box                                       | ✓                 | ✓         |                  |                    |
| MD 124  | Deflector   | ✓                 | ✓         |                  |                    |
| MCH 100 | Double divider  |                   |           |                  | ✓                  |
| MAS100  | Safety Arch   |                   |           |                  | ✓                  |
| MASP10  | Arch for MAS 100                                      |                   |           |                  | ✓                  |
| OYD 10L | Window cleaner factory fitted                         |                   |           |                  | ✓                  |
| MND 100 | Snow chain  |                   |           |                  | ✓                  |
| MX 102N | Road homologation kit (5)                             |                   |           |                  | ✓                  |
| MO 102  | Seat suspension                                       |                   |           |                  | ✓                  |
| MO 102A | Seat suspension (H100 Evolution n° serial >111959)    |                   |           |                  | ✓                  |
| MRD 100 | Tow bar for H100D                                     |                   |           |                  | ✓                  |
| MSD 100 | Accessories support for H100D                         |                   |           |                  | ✓                  |
| MAC     | Armrests for seat                                     |                   |           |                  | ✓                  |
| MRM     | Trailer   | ✓                 | ✓         | ✓                | ✓                  |
| MRL     | Sprayer for MRM                                       | ✓                 | ✓         | ✓                | ✓                  |
| MN 100S | Synthetic chains                                      |                   |           |                  | ✓                  |

\* With option MPDF





H124 DX



H124 D



H124 DS



H124 P



H144 MX

Available for model :

H124D/DX/  
BX/B

H124DS/BS

H144M/MX/  
BM/BX

MET Self propelled spreader, 63 litres capacity

✓\*\*

✓\*\*

MP 124 Sprayer

✓

MHD 124 Lift emptying (option)

✓

MZ 124R - MZ 124L Right or left blade

✓

✓

MZ 144 Set of 3 blades

✓

✓

✓

MZ 65 Blade for MCF 124

✓

✓

OHD 124 Factory fitted high lift emptying

✓

MN 124 Snowplough kit

✓

✓

✓

MY 124P Cab

✓

✓

✓



OY 124P Factory fitted cab

✓

✓

✓

MRO 124 ROPS cab

✓

✓

MY 124C Heater for cab MY124

✓

✓

✓

OY 124C Factory fitted heater

✓

✓

✓

MY 124 L Windscreen wiper kit for cab

✓

✓

✓

OY 124L Windscreen wiper kit for cab factory fitted

✓

✓

✓

MY 124 E Lighting kit for cab

✓

✓

✓

OY 124E Lighting kit for cab factory fitted

✓

✓

✓



MT 124 N Street cleaner

✓

✓\*

✓\*

MTB 24N Dust protection rubber flap for MT 124 street cleaner

✓

✓\*

✓\*

MTS 24N Side sweeper for street cleaner MT 124

✓

✓\*

✓\*

MU 124N Complete street cleaner box for MT 24N

✓

✓\*

✓\*

MR 124 Tow bar

✓

✓

MV 124 Snow blade

✓

✓\*

✓\*

MPDF Front PTO : enables the use of accessories like cleaner ...

✓

✓

OPDF Factory fitted front PTO

✓

✓

MBD 124 Differential lock (option)

✓

✓

OBD 124 Option MBD factory fitted

✓

✓

MFP 124 Smoke particle filter for LOMBARDINI 1003

✓

✓

✓

MAC Armrests for seat

✓

✓

MRM Trailer

✓

✓

✓

MRL Sprayer for MRM

✓

✓

✓

\* With option MPDF - \*\* With option MR124



## Accessories diagram

### H124 D-DX

**MCM 144** OPTION MULCHING DECK  
**MH124** SOFT GRASS BOX  
**MN124** SNOW CHAINS KIT  
**MP124** SPRAYER  
**MA124** SET OF 2 AGRARIAN WHEELS  
**MD124** DEFLECTOR H124 COMPLETE  
**MH124R** RIGID GRASS BOX COMPLETE  
**MR124** TOW BAR

**MET** SELF PROPELLED SPREADER TO ORDER WITH REF. 36997  
**MRM** TRAILER  
**MRL** SPRAYER FOR MRM

**OY124P** FACTORY FITTED CAB  
**MY124P** CAB

**OY124C** FACTORY FITTED HEATER  
**OY124L** WINDSCREEN WIPER KIT FOR CAB FACTORY FITTED  
**OY124E** LIGHTING KIT FACTORY FITTED  
**MY124C** HEATER FOR CAB  
**MY124E** LIGHTING KIT FOR CAB  
**MY124L** WINDSCREEN WIPER KIT FOR CAB

**MRO124** ROPS CAB

**MCF124** FRONT CUTTING DECK  
**MSC124** SCARIFIER  
**MSF124** BLOWER  
**MV124** SNOW BLADE  
**MT124N** STREET CLEANER OLD REFERENCE MT124

**MTB124N** DUST PROTECTION RUBBER FLAP FOR **MT124** TAKE **MTB124**  
**MU124N** COMPLETE STREET CLEANER BOX FOR **MT124** TAKE **MU124**  
**MTS124N** SIDE SWEEPER FOR **MT124** TAKE **MTS124**



## Accessories diagram

### H124DS

**MZ124R-MZ124L** RIGHT OR LEFT BLADE H124  
**MCM 144** OPTION MULCHING DECK  
**MH124** SOFT GRASS BOX  
**MN124** SNOW CHAINS KIT  
**MP124** SPRAYER  
**MAC** ARMRESTS  
**MHD124** LIFT EMPTYING (OPTION)  
**OHD124** FACTORY FITTED HIGH LIFT EMPTYING OPTION  
**MA124** SET OF 2 AGRARIAN WHEELS  
**MD124** DEFLECTOR H124 COMPLETE  
**MBD124** DIFFERENTIAL LOCK  
**OBD124** DIFFERENTIAL LOCK FACTORY FITTED  
**MR124** TOW BAR

**MET** SELF PROPELLED SPREADER TO ORDER WITH REF. 36997  
**MRM** TRAILER  
**MRL** SPRAYER FOR MRM

**OY124P** FACTORY FITTED CAB  
**MY124P** CAB

**MY124C** HEATER FOR CAB  
**OY124C** FACTORY FITTED HEATER  
**MY124L** WINDSCREEN WIPER KIT FOR CAB  
**OY124L** WINDSCREEN WIPER KIT FOR CAB FACTORY FITTED  
**MY124E** LIGHTING KIT FOR CAB  
**OY124E** LIGHTING KIT FACTORY FITTED

**MRO124** ROPS CAB

**MPDF** OPTION FRONT PTO  
**OPDF** FACTORY FITTED FRONT PTO

**MCF124** FRONT CUTTING DECK  
**MSC124** SCARIFIER  
**MSF124** BLOWER  
**MV124** SNOW BLADE  
**MT124N** STREET CLEANER OLD REFERENCE MT124

**MTB24N** DUST PROTECTION RUBBER FLAP FOR **MT124** TAKE **MTB124**  
**MU124N** COMPLETE STREET CLEANER BOX FOR **MT124** TAKE **MU124**  
**MTS24N** SIDE SWEEPER FOR **MT124** TAKE **MTS124**



## Accessories diagram

### H124P

#### HVHP/PX

#### HVSP

**MZ124R-MZ124L** RIGHT OR LEFT BLADE H124  
**MDD100** DEFLECTOR  
**MH600** MOBIL GRASS BOX  
**MX102N** LIGHTING KIT  
**MRD100** TOWING BAR

**MET** SELF PROPELLED SPREADER  
**MRM** TRAILER  
**MRL** SPRAYER FOR MRM

**MO102** SEAT SUSPENSION  
**MND100** SNOW CHAIN  
**MAC** ARMRESTS

**MAS100** PROTECTION BEAM  
**MSD100** FRONT ACCESSORIES SUPPORT  
**MV102** SNOW PLOUGH

**OYD100** CAB FACTORY FITTED

**MYD10L** WINDSCREEN WIPER KIT  
**OYD10L** WINDSCREEN WIPER KIT FACTORY FITTED

**MCH100** DOUBLE DRIVER  
**MHD100** LIFT EMPTYING (OPTION)  
**MASP10** HIGH LIFT PROTECTION BEAM





## Accessories diagram

### H144MX

**MZ144**  
BLADE H144

**MCM 144** MULCHING DECK

**MN124** SNOW CHAINS KIT (H144M)

**MAC** ARMRESTS (H144M)

**MA124** SET OF 2 AGRARIAN WHEELS

**MBD124** DIFFERENTIAL LOCK  
(H144M)

**OBD124** FACTORY FITTED DIFFERENTIAL LOCK (H144M)

**OY124P**  
FACTORY FITTED  
CAB

**MY124P**  
CAB

**OY124C**  
FACTORY FITTED HEATER

**OY124L** WINDSCREEN  
WIPER KIT FOR CAB  
FACTORY FITTED

**MY124C**  
CAB HEATER

**OY124E** FACTORY FITTED  
LIGHTING KIT FOR CAB

**MY124E** LIGHTING KIT  
FOR CAB

**MY124L** WINDSCREEN  
WIPER KIT FOR CAB

**MRO124**  
CABINE ROPS

**MPDF**  
FRONT PTO  
**OPDF** FRONT PTO  
FACTORY FITTED

**MCF124**  
FRONT CUTTING DECK

**MSC124** SCARIFIER

**MSF124** BLOWER

**MV124** SNOW BLADE

**MT124N** STREET CLEANER  
FORMER REF. MT 124

**MTB24N** DUST PROTECTION  
RUBBER FLAP FOR **MT124** TAKE  
**MTB124**

**MU124N** STREET CLEANER  
BOX COMPLETE FOR **MT24N**  
TAKE **MU124**

**MTS24N** SIDE SWEEPER FOR  
**MT124** TAKE **MTS124**

## Ride-on mowers range H100E/MVEHD-H100E/MVEH H100D/BPHP-H100D/BPSP-H100D/BPHPX **Family 100 cm**



### The reference...

ETESIA was the inventor of the concept of the direct ejection ride-on mower, with the first Hydro 100 launched in 1990. Since then, ETESIA's range of 100 cm mowers has never stopped improving and expanding. From the outset it has constituted a reference that cannot be ignored in mowing and grass collection on the European professional market. The petrol Hydro 100 guarantees mowing and grass collection in all conditions, record-breaking reliability and service life, compactness and go-anywhere manoeuvrability and above all, top-of-the-range working comfort and ergonomics. No type of surface escapes it – small, medium or large – enabling professionals to take on a wider range of mowing jobs.

**ETESIA**

| Model<br>(L x w x h)**                   | Cutting<br>width | Engine                                      | Horse power      | Fuel     | Road<br>homologation | Wheel<br>drive | Hydrostatic<br>transmission |
|--|------------------|---|------------------|----------|----------------------|----------------|-----------------------------|
| <b>hydro 100E</b><br>MVEHH (290x104x130) | 100 cm           | twin cylinder Briggs &<br>Stratton Vanguard | 18 HP<br>13,2 kW | Gasoline | option               | 2              | ✓                           |

(\*) According to the mowing conditions (maximum mowing calculation x cutting width = theoretical output) - (\*\*) l = Length, w =

## Ride-on mowers range H100E/MVEHD-H100E/MVEHH **Family 100 cm accessories**



### Professional versatility...

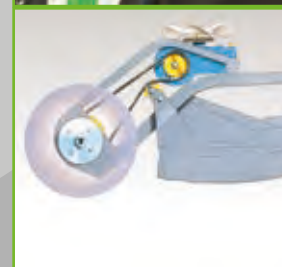
The accessories available for the Hydro 100 family mean it can be used all year round, for a variety of applications. Indeed, to simple mowing with grass collection you can add reaping, mulching, spreading, towing and road cleaning (snow clearance and sweeping). A highly versatile range for professionals.

**ETESIA**





**H100E/MVEHH**



| Speed  | Theoretical output (*)  | Cutting height    | Lift emptying | Grassbox | Mulching plug | Weight |
|--|-------------------------|-------------------|---------------|----------|---------------|--------|
| From 0 to 9 km/h<br>Forward or reverse speed | 9 000 m <sup>2</sup> /h | from 44 to 102 mm | -             | 500 l    | -             | 470 kg |

width h = height (in cm)

Available for model :

|          |  | H100E | H100 | MVEHH |
|----------|--|-------|------|-------|
| MH 500   | Grass box 500 litres for MVEHH                         | ✓     |      | ✓     |
| MC 100D  | Swing tip blade right for MF100D                       | ✓     | ✓    | ✓     |
| MC 100G  | Swing tip blade left for MF100D                        | ✓     | ✓    | ✓     |
| MF 100D  | Swing tip assy right<br>(for hydro 100 old generation) | ✓     | ✓    | ✓     |
| MF 100G  | Swing tip assy left<br>(for hydro 100 old generation)  | ✓     | ✓    | ✓     |
| MD PRO 2 | Steel deflector  | ✓     | ✓    |       |
| MD 100   | Plastic deflector ABS                                  | ✓     | ✓    |       |
| MA 100   | Agrarian wheels  | ✓     | ✓    |       |
| MO 102   | Seat suspension  |       |      | ✓     |
| MX 102 N | Road homologation kit                                  | ✓     |      | ✓     |
| MN 102 S | Synthetic chains                                       |       |      | ✓     |



## Accessories diagram

**MVEHH**

**MF100D-MF100G**  
SWING TIP RIGHT OR  
LEFT COMPLETE

**MC100D-MC100G**  
SWING TIP BLADE  
RIGHT OR LEFT

**MZ102D-MZ102G**  
BLADE H100 RIGHT  
OR LEFT

**MAC** ARMRESTS

**MD100** PLASTIC  
DEFLECTOR

**MN102**  
SNOW CHAINS KIT

**MX102N** ROAD  
HOMOLOGATION KIT

**MR102**  
TOW BAR

**MET** SELF PROPELLED SPREADER  
**MRM** TRAILER  
**MRL** SPRAYER FOR MRM

**MA100** SET OF 2  
AGRARIAN WHEELS

**MDPRO 2** STEEL  
DEFLECTOR

**MO102**  
SEAT SUSPENSION

**MY102** CAB FOR  
MVEHH EVOLUTION

**MH500** GRASS BOX  
WITH COVER S/N >  
110001

**MU100D** KIT  
MULCHING

**MS102** HYDRAULIC  
ASSEMBLY KIT FOR  
FRONTAL ACCESSORIES

**MV102** SNOW PLOUGH

**MTA100** ACCESSORY  
DRIVE SYSTEM

**MT102N** STREET CLEANER

**MU102** CONTAINER FOR  
SWEEPER

**MTS** COMPLETE GUTTER  
STREET CLEANER



# Ride-on mowers range H100E/MVEHH

## Hydro 100E



### Outperforms the competition...

Cuts and collects without clogging, even in the pouring rain! A unique concept that cuts and collects grass in all weathers. Top quality manufacturing ensures mowing, season after season. The new Hydro 100 Evolution out-performs all other ride-on mowers in its class: more powerful engine, larger capacity grass collector, more operator comfort. Hydro 100 Evolution really setting the standard for all ride-on mowers. The large capacity 500-litre grass collector is emptied without leaving the driving seat. Ergonomically designed for ease-of-use, a single lever situated beside the driver hydraulically raises and empties the grassbox.

**ETESIA**

### PERFORMANCE

Cuts and collects without clogging, even in the pouring rain! **A unique concept that cuts and collects grass in all weathers.** Angled at 90 degrees, the twin contra-rotating blades efficiently lift and eject the clippings directly into the grassbox via the large rear aperture. For wild flower meadows, and other sites where non-collection is required, an optional grass rear deflector windrows cuts very long grass.

### COMFORT

Emptying the grassbox, blade clutch control and throttle **are all within easy reach of the operator.** Hand brake, and cutting height adjuster can be used without leaving the **cushioned and fully adjustable driving seat.** Smooth **hydrostatic drive** provides total operator comfort, and ensures high output and maximum efficiency when mowing. Reduced noise levels : because Etesia's direct rear-ejection system is so efficient, no noisy turbines are required. The Hydro 100 has been designed to provide you **maximum safety.**

### ROBUSTNESS

High-tech manufacturing processes used by the car industry ensure that **the chassis of the hydro 100 Evolution is totally rust-proof.** It is designed to withstand the test of time, even in tough working conditions. **The rugged 1 cm thick cast aluminium cutting deck is built to meet the rigours of commercial use.** It will not rust or distort. With its **powerful 18 hp B&S Vanguard twin cylinder engine**, 2 years of guarantee, the hydro 100 Evolution is ready to deal with extreme mowing conditions.

### VERSATILITY

A cab plus a snow blade completed with a set of wheel chains **enables you to carry out snow clearance.** High **grass mowing** thanks to the deflector.



### The + products :

- Collecting in all conditions
- Compact
- Safe
- Robust
- Comfortable
- Versatile
- Easy maintenance







Available for model :

**H100E**

**H100**

MH 480 Grass box kit 500 litres for MVEHH  
(for hydro 100 old generation)

✓



MU 100 D Insert mulching

✓\*

MZ 102D Right blade for H100D/H100E

✓

✓

MZ 102G Left blade for H100D/H100E

✓

✓

MV 102 Snow plough with  
hydraulic equipment (4)(2)(3)

✓

MET Self propelled spreader, 63 litres capacity

✓

MS 102 Hydraulic assembly kit for  
snow plough and cleaner

✓



MT 102N Street cleaner with  
hydraulic equipment (4)(2)(3)

✓

MU 102 Container for sweeper MT 102N

✓



MY 102 Cab for H100E

✓

MN 102 Snow chains kit

✓

MTS Gutter street cleaner MT 102N

✓

✓

MN 100T Snow chains kit for Trelleborg tyres  
(for hydro 100 old generation)

✓

MTA 100 Accessory drive system

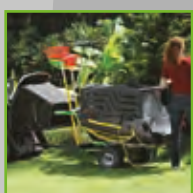
✓

MR 102 Tow bar for H100E

✓

MAC Armrests for seat

✓



MRM Trailer

✓

✓

MRL Sprayer for MRM

✓

✓

(1) + MCH100 for BLSP, BPSP / (2) + MTAD100 + MSD100 for BLHP, BPHP / (3) + MCH100 + MTAD100 + MSD100 for BLSP, BPSP / (4) + MS102

\* Only for H100E equipped with the new cutting deck (serial number > 114723).

(5) H100E serial N° < 113012, oder : 1 x 35481 + 1 x 35477 + 2 x 35475 + 2 x 07334 + 2 x 02021

# Ride-on mowers range

BAHIA/MHHE-BAHIA/MBHE-BAHIA/MKHE  
HYDRO80/MKHP-HYDRO80GAZ/MKHPG/M2E Family 80 cm



## Mowing the grass becomes pure pleasure...

The ETESIA 80 cm range offers 3 mowing options: with collection in a 240-l box, without collection using the side deflector option and with mulching using a mulching plug delivered as standard.

The Bahia and the Hydro 80 also stand out because of their extreme compactness and manoeuvrability, their user flexibility and comfort, the strength of their construction and the performance of their motor. The Bahia is the ideal ride-on mower for the demanding home gardener and its pro version, the Hydro 80, is a tool that offers a remarkable concentration of efficiency to gardening professionals.

**ETESIA**

| Model (L x w x h)**                       | Cutting width | Engine                           | Horse power        | Fuel                                | Hydrostatic transmission |
|---|---------------|----------------------------------|--------------------|-------------------------------------|--------------------------|
| <b>hydro 80</b><br>MKHP (198x82x117)      | 80 cm         | Kawasaki OHV<br>twin cylinder    | 15 HP<br>11,0 kW   | Gasoline                            | ✓                        |
| <b>hydro 80</b><br>MHHP (198x82x117)      | 80 cm         | Honda<br>twin cylinder           | 15,5 HP<br>11,4 kW | Gasoline                            | ✓                        |
| <b>hydro 80 GPL</b><br>MKHPG (198x82x117) | 80 cm         | Kawasaki OHV<br>twin cylinder    | 15 HP<br>11,0 kW   | GPL                                 | ✓                        |
| <b>bahia</b><br>M2E (198,5x82,5x126)      | 80 cm         | electric                         | 1,7 kW             | 4 lead/acid batteries<br>48V, 110Ah | electric                 |
| <b>bahia</b><br>MHHE (198x82x117)         | 80 cm         | Honda OHV                        | 13 HP<br>9,6 kW    | Gasoline                            | ✓                        |
| <b>bahia</b><br>MBHE (198x82x117)         | 80 cm         | B&S Intek                        | 15,5 HP<br>11,4 kW | Gasoline                            | ✓                        |
| <b>bahia</b><br>MKHE (198x82x117)         | 80 cm         | Kawasaki OHV<br>twin cylinder    | 15 HP<br>11,0 kW   | Gasoline                            | ✓                        |
| <b>Bahia MKM</b><br>(173x90x122)          | 85 cm         | Kawasaki FS481<br>twin cylinder  | 16 HP<br>12,5 kW   | Gasoline                            | ✓                        |
| <b>atila SKF</b><br>(201x97x99)           | 85 cm         | Kawasaki FH541V<br>twin cylinder | 17 HP<br>12,5 kW   | Gasoline                            | ✓                        |
| <b>biocut SKM</b><br>(201x97x99)          | 85 cm         | Kawasaki FH430V<br>twin cylinder | 17 HP<br>12,5 kW   | Gasoline                            | ✓                        |

(\*) According to the mowing conditions (maximum mowing calculation x cutting width = theoretical output)

(\*\*) l = Length, w = width h = height (in cm) (\*\*\*) with blades engaged

# Ride-on mowers range

SKF - SKM  
SKF - SKM Famille 85 cm



## The small ones for general-purpose.

Extremely comfortable and highly ergonomic, they offer a maximum field of view. Effective also in uneven terrain and steep slopes (30%). High grass ride-on mower SKF and mulching ride-on mowers SKM and MKM.

**ETESIA**



# Mowers range PRO53LKX - PRO53LH

## Family Pro 53



### The Green Revolution.

The unique transmission with 2 hydraulic engines offers you **great handling and slope performance unrivalled in its category**. The innovative mowing deck and blade design on the pro53 combines **professional quality cutting, collecting and mulching in a single machine**.

**ETESIA**

### PERFORMANCE

**Theoretical mowing rate: up to 2 910 sqm/hour.** Can be used on **slopes up to 20°**. **Mowing with grass collection, mulching and high grass mowing.** The exclusive pro53 mowing deck design keeps the rounded front specific to mulching (ETESIA BIO-CUT concept), while retaining the raised shell of the ejection outlet specific to ETESIA collectors. The smooth inner surface and wide ejection outlet are ideal for ejecting grass into the **85-litre sacks without clogging – even in the severest conditions**. Converting to the mulching function couldn't be easier or faster. You simply slot in the mulching kit (provided with the machine) without using any tools or replacing the blade. A deflector automatically slots into position when the collecting bag is removed. Collecting : the bag fills up completely and is easily accessed from either side of the mower. **Cutting heights :** individual adjustment on each wheel. 5 pre-set, easy-to-handle positions ranging from 25 to 85 mm. **Wheels :** the **semi-agrarian rear wheel profile** improves holding on slopes.

### COMFORT

The specially shaped handlebars and speed control have been designed with safety and ergonomics in mind. The handlebars are easy to fold down for transport and storage purposes and their height can be adjusted to 3 positions. The **speed selector** means the user can adapt the mower speed easily and gradually according to the mowing conditions: - **3 gradual forward speeds and 1 gradual reverse speed from 0 to 3 kph**. The pump flow distributor makes **mowing on slopes easy up to 20° or 38%** and offers a brake effect going downhill. The **PRO53 LKX is equipped with differential lock** for good grip on slope. This means the speed can be adapted without the machine "running away" on steep slopes, so the operator is always in control. **Maximum safety** with the blade stopping in less than 3 seconds when the operator releases the handlebars. **The vibration level of the handlebars is 3.5m/s<sup>2</sup>, which is very low** for such a powerful mower.

### ROBUSTNESS

The PRO53 **cast aluminium mowing deck is rustproof and particularly resistant to damage**. It is equipped with a removable rubber bumper at the front. The KAWASAKI engine for the LKX and the HONDA engine for the LH, turn these self-propelled mowers into the most powerful machines in their category. **Transmission consists of two hydraulic motors fitted onto the rear wheels and connected to a hydraulic pump**. It accelerates gradually with 3 forward speeds and 1 reverse with automatic transition from reverse to forward motion.



### The + products :

- Collect, mulching or mow and drop
- 3 forward and 1 reverse zone
- Hydraulic transmission
- Rear wheel hydraulic motors
- Differential lock (on LKX only)
- Excellent on slopes
- Powerful engine

**uocut**  
by ETESIA







# Mowers range PRO51K - PRO51B - PRO51X

## Family Pro 51



**Built for any grass condition**  
Powerful, compact, easy to use, safe, ETESIA's pro51 is ideal for a wide range of grass conditions.

### PERFORMANCE

**Grass cutting** : theoretical mowing rate: up to 2090 sqm/hour. Can be used on slopes up to 20°. The special shape of the mowing deck produces a powerful suction and blowing effect to ensure a quality cut with maximum collection.

### COMFORT

**Central handlebars** : allows easy access to the grass box from either side of the machine. PRO51 rotaries folds, without the use of tools.

**Controls** : centralised controls on handlebars: protected hands and handles.

**Cutting heights** : central cutting height adjustment system from 33 to 88 mm.

**Front bumper** : removable rubber front bumper.

**Variable speed** : variable speeds from 2.9 to 4.1 kph to adapt to any work conditions.

**Safety** : large blade brake system stops the blade in 3 seconds after releasing the operating lever (pro51 B, K and X).

### ROBUSTNESS

**Cutting deck** : PRO51 cutting deck is moulded in one cast aluminium part.

**Engines** : ETESIA's pro51 mowers offer the following choices :

- BRIGGS & STRATTON from 6 HP.
- HONDA from 3,2 kW.
- KAWASAKI from 6 HP.

**Wheels** : wheels with bearings. Aluminium front wheel rims.

**Cable protection** : cables are encased in a rubber sheath for protection against damage.

### The + products:

- Collection in all conditions
- High grass mowing
- Robust
- User friendly
- Central cutting height adjustment
- Indicator shows you when grassbox is full
- Powerful engines

# Mowers range

PRO46/PHTBO/PHTSO/PHBO/PHEO/PBTSO/PBEO

## Family Pro 46



### Robust, reliable and lightweight.

Designed for a wide variety of commercial grass cutting applications, ETESIA's pro 46 pedestrian rotaries are specified by contractors looking for optimum efficiency. Highly manoeuvrable and lightweight, these rugged mowers are renowned for their reliability, low maintenance and minimum downtime.



### PERFORMANCE

**Mowing** : the special shape of the mowing deck produces a powerful suction and blowing effect to ensure a quality cut with maximum collection. Combined with the blade, it ensures particularly efficient grass collection. Individual wheel height adjustment from 33 to 88 mm. As an option, a mulching kit and mulching blade convert the pro 46 mowers into formidable mulchers.

**Collecting** : the 52-litre grass box can be quickly emptied by tipping and easily cleaned with a hose.

**Rear-wheel drive** : the self-propelled models offer rear-wheel drive through belt and reduction box ensuring perfect drive, especially on slopes.

**Transportation** : the handlebars folds, without the use of tools, for transportation or storage.

### COMFORT

**Central handlebars** : centrally mounted handlebars with height adjustment provides operator comfort.

**Controls** : all controls, including the recoil start, are centralised on the handlebars, at your fingertips.

**Low vibration levels** : silent blocks provide low vibration levels to meet stringent legislation.

**Left or right hand operation** : the robust optional 52 litre grass box can easily be removed from either side of the machine due to the centrally mounted handlebars.

**Emptying** : an indicator shows you when the grass box is full.

**Grass deflectors** : a rear safety flap falls automatically into place when the mower is used without the grass box. It protects the user from dust and stones.

**Safety** : oversized blade clutch.

### ROBUSTNESS

**Cutting Deck** : the pro46 cutting deck is built from lightweight XENOY® for strength and long life.

**Cable protection** : unique cable protection prevents damage from low branches.



### The + products :

- Collection in all conditions
- Robust
- User friendly
- Individual cutting height adjustment
- Indicator shows you when grassbox is full



# Mowers range

## Biocut 53



### Efficient even in long grass.

The powerful, high-performance mower biocut 53 ensures a quick, clean, environmentally-friendly cut. The mulching cover can be removed to convert the biocut53 into a direct rear ejection mower, which is highly efficient in tall and wet grass.

### PERFORMANCE

**Mulching and grasscutting :** ETESIA's cutting deck design with new profiled BIOCUT® blade lifts the grass before it is cut. The clippings are retained in the cutting deck and recut several times before being ejected as fine particles onto the turf where they will decompose naturally. A quick, clean, environmentally friendly cut.

### COMFORT

The specially shaped handlebar is designed to protect the hands. All controls including the starter are incorporated into the handlebars for safety and operator comfort. The biocut53's handlebars are fully adjustable. It can be folded for transport. The centralised system provides any cutting heights between 25 mm to 88 mm at the turn of a handle.

### ROBUSTNESS

**Cutting deck :** the biocut53's aluminium cutting deck does not rust or distort.

**Engine :** the powerful KOHLER engine delivers 5,2 hp for maximum efficiency. For light cutting, the machine's controls can be set on the economy position for lower fuel consumption.

### The + products:

- Mulching without rival
- High grass mowing
- 3 forward speed
- Shaped handlebar
- Millimetre precision cutting height adjustment
- Powerful engine

# Mowers range RMCB - RMCS

## Duocut 46



### New duocut 46 family of three-in-one mowers.

The new duocut 46 mowers are extremely versatile, and are capable of mowing with or without collection in all conditions, or allowing high-quality mulching. And they do all that with no need for an accessory!

Available in self-propelled (RMCB, RMHB) and in push version (RMCS).

**ETESIA**

### PERFORMANCE

**Mulching? Conventional mowing with or without collection? It's up to you.**

That high performance is possible thanks to the DUOCUT concept which is the perfect combination between 100% collection and 100% mulching decks, without compromising the results of either of the functions. Changing the mowing system is easy: just place the removable insert under the deck if you want to mulch. Remove the insert if you prefer to mow with or without collection. No need whatsoever for a tool or blade change! The insert completes the shape of the deck to form a smooth surface with no roughness, allowing the grass to move easily for incomparably superior mulching. **Excellent mulching results** (the grass is crushed very finely). **Very high collection performance as well** because the grass is crushed finely, even if it is long and wet. The grass is maximally compacted in the box.

**56-litre rigid collection box filling indicator.**

**Mulching insert supplied.**

**Forward speed: 3.6 km/h (RMCB) and 3.3 to 4.3 km/h with variogear and blade clutch (RMHB).**

**Slopes < 18% or 10°.**

### COMFORT

**Height-adjustable handle bar** with three positions and folded position. **Recessed handlebar shape** to keep your hands safe while mowing close to an obstacle (wall, tree etc.)

**Comfortable coating** on handlebar, and effortless control maintenance.

**Centralised adjustment** of the cutting height with 7 positions from 28 to 88 mm. Digital cutting height indicator.

**Duocut mowers think of their users**, with low (84 dB(A) acoustic pressure at the driving seat, and also low acoustic power (96 dB(A) guaranteed) and handlebar vibrations (3 m/s<sup>2</sup> (ahw)).

### ROBUSTNESS

**Kohler Courage XT-6.75 motor**, 4.3 hp/3.2 kW and **Honda GCV 160 5,5 HP / 4,1 kW.**

**Clutch transmission**

**Wheels with ball bearings.**

**Deck made of Xenoy**, a highly impact-resistant material compared to standard polypropylene and ABS. **Rigid box.**

**Mower with three-year warranty and deck with 10-year warranty for private use.**



### The + products :

- Excellent mulching results
- Very superior collection performance
- Highly rugged deck
- Adjustable handlebar
- Comfortable use

**duocut**  
by ETESIA



# Brushcutters range

ATTILA180-ATTILA98-ATTILA98X-ATTILA95  
ATTILA88-ATTILA SKF-ATTILA51

## Family Attila



**They go where others fear to tread...**

Attila professional reapers and brushcutters are designed to cope with the most difficult conditions. They are ideal for second homes, meadows, orchards, fallow land, verges and embankments. Very robust, but also extremely manoeuvrable, they guarantee unrivalled effectiveness.

**ETESIA**



**attila 51**

| Model (L x w x h)**                 | Cutting width | Engine                           | Horse power      | Fuel     | Wheel drive |
|-------------------------------------|---------------|----------------------------------|------------------|----------|-------------|
| <b>attila 180</b><br>(269x188x233)  | 180 cm        | Yanmar<br>3T NE 82A              | 30 HP<br>22,1 kW | diesel   | 2           |
| <b>attila 98X</b><br>(195x108x97,5) | 98 cm         | B&S VANGUARD<br>twin cylinder    | 23 HP<br>16,9 kW | Gasoline | 4           |
| <b>attila 98</b><br>(190x108x94,5)  | 98 cm         | B&S VANGUARD<br>twin cylinder    | 21 HP<br>15,4 kW | Gasoline | 2           |
| <b>attila 95</b><br>(190x107x95)    | 95 cm         | B&S VANGUARD<br>twin cylinder    | 18 HP<br>13,2 kW | Gasoline | 2           |
| <b>attila 88</b><br>(183x100x89)    | 88 cm         | B&S VANGUARD<br>twin cylinder    | 16 HP<br>11,8 kW | Gasoline | 2           |
| <b>attila SKF</b><br>(201x97x99)    | 85 cm         | Kawasaki<br>FH541V twin cylinder | 17 HP<br>12,5 kW | Gasoline | 2           |
| <b>attila 51</b><br>(181x57,5x110)  | 51 cm         | Kawasaki<br>FC180V OHV           | 6 HP<br>4,4 kW   | Gasoline | 2           |

(\*) According to the mowing conditions (maximum mowing calculation x cutting width = theoretical output) - (\*\*) l = Length, w = width h = height



## Brushcutter range ATTILA180-ATTILA98-ATTILA95- ATTILA88 Family Attila accessories

Available for model :

|        |                  | attila180 | attila98 | 95 | 88 | SKF      |
|--------|------------------|-----------|----------|----|----|----------|
| MC 180 | Blades set       | ✓         |          |    |    |          |
| MC 85  | Swing tip blades |           | ✓        | ✓  | ✓  | ✓        |
| MAC    | Armrests         |           | ✓        |    |    | of serie |
| MET    | Sprayer          |           |          |    |    | ✓        |
| MV80 N | Snow plough      |           |          |    |    | ✓        |
| 37183  | Mulching deck    |           |          |    |    | ✓        |

| Transmission         | Speed   | Theoretical output (*)   | Cutting height    | Working angle | Weight   |
|----------------------|---|--------------------------|-------------------|---------------|----------|
| <b>Hydraulic</b>     | Forward: 0 to 13 km/h<br>Reverse: 0 to 11 km/h  | 23 400 m <sup>2</sup> /h | From 50 to 152 mm | 50%           | 1 080 kg |
| <b>Hydromechanic</b> | Forward: 0 to 12 km/h<br>Reverse: 0 to 4 km/h   | 11 760 m <sup>2</sup> /h | From 50 to 120 mm | 30%           | 342 kg   |
| <b>Hydromechanic</b> | Forward: 0 to 11 km/h<br>Reverse: 0 to 6 km/h   | 11 760 m <sup>2</sup> /h | From 50 to 120 mm | 30%           | 295 kg   |
| <b>Hydromechanic</b> | Forward: 0 to 8 km/h<br>Reverse: 0 to 4 km/h    | 7 600 m <sup>2</sup> /h  | From 50 to 95 mm  | 30%           | 310 kg   |
| <b>Hydromechanic</b> | Forward: 0 to 8 km/h<br>Reverse: 0 to 4 km/h    | 6 800 m <sup>2</sup> /h  | From 50 to 110 mm | 30%           | 270 kg   |
| <b>hydrostatic</b>   | Forward: 0 to 10 km/h<br>Reverse: 0 to 7,7 km/h | 8 500 m <sup>2</sup> /h  | From 44 to 102 mm | 30%           | 285 kg   |
| <b>Hydraulic</b>     | Forward: 0 to 5,5 km/h<br>Reverse: 0 to 3 km/h  | 2800 m <sup>2</sup> /h   | From 50 to 110 mm | 38%           | 85 kg    |

(in cm)



# Brushcutters range

## Attila 98 - 98X



### Power and comfort for extreme brushcutting.

Way ahead! ETESIA's ride-on brushcutters Attila 98 are reliable, efficient, comfortable and safe. Their output and performance make them a reference in professional use.

The Attila 98X is the 4 wheel drive version with a more powerful engine (23HP).

**ETESIA**

### PERFORMANCE

**Brushcutting** : Swing or fix tip blades. Cutting width 98 cm. High work rate (up to 12 000 m<sup>2</sup>/h). Can be used on slopes up to 30%. **Cutting height** : Cutting height adjusted by centralised lever with 5 work positions + 1 transport position

### COMFORT

**Ergonomics** : The Attila 98 have a strengthened structure welded tubular chassis for a better driving position (length 1,90 m).

**User friendly** : The electric start offers a high comfort level, easily adjusted cutting height, rack and pinion steering, plus hydrostatic drive. Special attention has been paid to sound and vibration levels to reduce them to a very low level.

**Stability** : Low centre of gravity, 4 wheel drive (AV98X) plus heavy-tread tyres and differential lock (AV98) provide greater stability on slopes up to 30°.

**Traction** : Rear-wheel transmission. Hydromechanical driven by a lever or a pedal.

**Safety** : It is fitted with a parking brake, mechanical blade clutch, operator presence safety switches, front and side mud-flap protection, and a safety lock and overflow on the large-capacity petrol tank.

### ROBUSTNESS

**Frame** : ETESIA's Attila 98 have a welded tubular chassis for extra strength and long life. Their heavy duty steel deck has side and rear discharge to ensure speedy and effective site clearance.

**Engines** : The powerful engines of the Attila 98-98X (Briggs & Stratton's twin-cylinder 21 and 23 HP Vanguard) provides outstanding performance.



### The + products :

- Differential lock (AV98)
- Four wheel drive (AV98X)
- Excellent stability on slopes
- Extreme brushcutting
- Hydromechanical transmission
- Comfortable
- User friendly
- Safe and robust
- Powerful engines

# Brushcutters range

## Attila 95



### Way ahead

ETESIA's ride-on brushcutter Attila 95 is reliable, efficient, comfortable and safe. Their output and performance make them a reference in professional use. **AV95 has a front brake for more safety on slope.**

 ETESIA

### PERFORMANCE

**Brushcutting** : swing or fix tip blades. Cutting width 95 cm. High work rate (up to 7 600 m<sup>2</sup>/h). Can be used on slopes up to 30%.

#### Cutting height :

- Cutting height adjusted by centralised lever with 4 work positions (from 50 to 95 mm) + 1 transport position.

### COMFORT

**Ergonomics** : brushcutter attila 95 has a long wheel base (1.86m length) for a better work position and greater comfort. User friendly : the electric start offers a high comfort level, easily adjusted cutting height, rack and pinion steering, plus hydrostatic drive. Special attention has been paid to sound and vibration levels to reduce them to a very low level.

### ROBUSTNESS

**Frame** : ETESIA's attila AV95 has a welded tubular chassis for extra strength. Their heavyduty steel deck has side and rear discharge to ensure speedy and effective site clearance. Providing outstanding performance in demanding working conditions - Briggs & Stratton's twin-cylinder 18hp Vanguard engine combine reliability and powerful delivery with long-life reliability.



### The + products :

- Extreme brushcutting
- Differential lock
- Hydromechanical transmission
- Excellent stability on slopes
- Front brake
- Comfortable
- User friendly
- Safe and robust
- Powerful engines



# Brushcutters range

## Attila 88



### New Attila 88 brushcutter

With its extremely low centre of gravity, manoeuvrability and powerful 16hp engine, the attila AV88 is ideal for slopes, woodland rides and infrequently cut areas with dense vegetation and brushwood.

**METESIA**

### PERFORMANCE

**Engines** : Powered by a B&S Vanguard 16hp it is powerful and has an increased capacity because of its 11 litre fuel tank.

**Cutting deck** : Its new 88cm cutting deck offers better performance and appearance due to a finer cut.

**Brushcutting** : Swing or fix tip blades. With a larger cutting width of 88 cm, the Attila 88 reduces the time required to carry out the job.

**Theoretical output** : Up to 7 900 m<sup>2</sup>/h. Can be used on slopes up to 30%.

**Cutting height** : Cutting height adjusted by centralised lever with 5 work positions + 1 transport position.

### COMFORT

**User friendly** : Electric start, central cutting height adjustment, rack and pinion steering – the attila 88 brushcutter could not be easier to operate. The hydromechanical transmission increases the flexibility and the ease of driving.

**Stability** : Its low centre of gravity, plus heavy-tread tyres and differential lock provides the attila 88 good grip on uneven ground, especially on slopes and increased safety in adverse conditions. **Can be used on slopes up to 30%.**

**Safety** : Attila 88 has been designed with operator safety in mind. It is fitted with a parking brake and a mechanical blade clutch, operator presence safety switches and front and side mud-flap protection. And last but not least the machine is equipped with front brakes which makes it possible to slow the machine down on slopes.

### ROBUSTNESS

**Traction** : Powered by a B&S Vanguard 3057, 16 HP, OHV twin-cylinder engine, attila 88 is fitted with differential lock for adverse conditions, adjustable forward speed from 0 to 9 kph and adjustable reverse speed from 0 to 4,5 kph. Agricultural tyres.

**Frame** : Welded tubular chassis for extra strength and long life.

**Traction** : The hydromechanical transmission on the Attila 88 improves long life. It combines the robustness of a mechanical drive to the flexibility of a hydrostatic transmission.



### The + products :

- Pocket size brushcutter
- More performing new 88cm cutting deck
- More performing cutting quality
- Powerful B&S Vanguard 16hp engine
- Increased autonomy
- Front brakes



# Brushcutters range

## Attila SKF



**ATTILA SKF - Compact, reliable and performing**  
Effective on uneven terrain and steep slopes (30%). Silent and low vibration.

### PERFORMANCE

Effective on uneven terrain and steep slopes (30%) : Attila SKF has wheels with an agrarian profile, and also a very low centre of gravity and optimised weight distribution (33% to the front, 67% to the rear), for easy driveability and stability on banking. Cutting width = 85 cm

### COMFORT

The differential lock with foot control is very practical in use, 0 to 10 km/h, and will allow you to retain control while mowing on slopes. Cruise control system to maintain your working speed, a feature that is highly appreciated while mowing large areas.

### ROBUSTNESS - Built to last !

Reinforced hydrostatic transmission with ETESIA specifications that draw on automotive features: torque higher than market standards, smoother movement and a longer life.

### VERSATILITY

Change from the high grass mowing or brushcutting to the mulching... You can fit the mulching cutting deck of Biocut SKM to Attila SKF. The change is quick and requires no tool. The wheels may also be replaced

**DISCOVER THE BIOCUT SKM FROM THE 85 CM RIDE-ON FAMILY (p 30)**

### The + products:

- Extreme brushcutting
- Good stability on banks and easy to drive
- Differential lock
- Speed control
- Reinforced Mastershock cutting deck
- Noise levels cut by up to a half
- Optimal comfort



# Brushcutters range

## Attila 51



### Easy-to-operate and powerful

Attila 51 is a rugged, safe and powerful pedestrian brushcutter, designed to clear long grass and scrub in tough conditions and on sites where access is limited. **High endurance thanks to exclusive hydraulic transmission.**

**ETESIA**

### PERFORMANCE

High grass mowing and brush cutting. Integrated differential lock gives a good grip on uneven ground, especially on slopes : slopes < 20° or 38 %.

Over-sized rear wheels with semi agricultural tyres, give a good grip. Off-centred blade for cutting without clogging. Blade disengagement facility.

Theoretical output 2800 m<sup>2</sup>/h. Exclusive hydraulic transmission.

### COMFORT

Highly manoeuvrable thanks to the hydraulic transmission, three forward speeds and one reverse speed and the differential lock. Differential lock control with latch; no continuous holding for more safety and convenience. Unparalleled drive smoothness due to the precision of the hydraulic output that is regulated according to the pressure applied on the traction control. Ergonomic and safe speed control making gear changes easier for incomparable manoeuvrability. Folding handle. Reverse/forward change, with no declutching. Individual cutting height adjustment with 5 positions from 50 - 110 mm.

### ROBUSTNESS

High-endurance hydraulic transmission. Very rugged steel housing with lateral embossing for more rigidity. Kawasaki FC180V OHV engine.

Capacity : 182 cc. Power: 6 hp at 3600 rpm. Electronic ignition.



### The + products :

- Extreme high grass mowing
- 3 forward speed/1 reverse speed
- Hydraulic transmission
- Engine on back wheels
- Differential lock
- Good grip on slopes
- Steel deck

# Brushcutters range

## Attila 180



### The all terrain mower

**Attila 180 Revolutionary ride-on for safe mowing on banks and uneven terrain.**

Unique in its concept: automatic self-levelling keeps the operator, engine and controls upright, while the floating cutting decks follow uneven terrain contours. Safe on slopes up to 50%.

### PERFORMANCE

The exclusive self-levelling system on ETESIA's attila 180 keeps the operator, engine and controls in a perfectly vertical position even when working on slopes up to 27°. The 1.8 m cutting deck is made up of two centrally articulated sections. To guarantee flawless cutting, the wheels read the contours of the ground enabling the floating cutting decks to follow the lay of the terrain : flat ground, slopes, hillocks, gullies, top and bottom of banks. Rear ejection onto the cut surface ensures greater safety.

### COMFORT

Powered by a 30hp Yanmar water-cooled 3 cylinder diesel engine, Attila A180 has hydrostatic drive, power steering and hydraulic drive to the cutting units. Attila 180 meets all the standards in force for excellent operator safety.

### ROBUSTNESS

Powered by a 30hp Yanmar water-cooled 3 cylinder diesel engine, attila A180 has hydrostatic drive, power steering and hydraulic drive to the cutting units. It is specially designed for large sites : - motorway banks, industrial estates, reservoir banks and other uneven terrain..

### The + products:

- Work on extreme slopes
- Auto-adjustment to the lay of the terrain
- Floating cutting deck
- Powerful 30 HP diesel engine
- High output





# Robot-mowers ETESIA

## Family ETmowers

ETm105 - ETm65 - ETm44



### WHY CHOOSE AN ETESIA ROBOT MOWER ?

#### A PERFECT RESULT – ALL THE TIME

The area to be covered by ETESIA's robot ETmower is marked out by a low-voltage peripheral cable buried in the ground. Once this has been installed, your robot ETESIA ETmower gets to work automatically, according to your programming (Timing, frequency, etc), and cuts the grass without any fuss. Statistically, each square metre will be mown at least three times each week. More frequent mowing means an impeccable finish, leaving your lawn looking neat and clean all the time.

#### NO MORE MOWING FOR YOU

Robot mowers mow lawns perfectly without any human intervention. You can get on with doing what you want to do, and leave your ETESIA robot ETmower to do its job.

#### ECONOMICAL, ENVIRONMENT-FRIENDLY MOWING

Robot mowers reduce the cost of lawn maintenance considerably, not only in terms of labour and maintenance costs, but also by cutting your energy bill, because they are electrically powered. Mulch mowing is 100% natural: it does away with the need to gather up, store and dispose of the cuttings, it fertilises the soil, and it helps the lawn to stand up to drought conditions. CO<sub>2</sub> emissions are much lower than for conventional powered mowers.

**THEY MOW EVERY DAY, WITHOUT YOU.**



#### The + products :

- A perfect finish, all the time
- No more mowing duty for you
- Economical and environment-friendly
- Totally safe
- Totally automated
- No fuss – they look after themselves
- Easy to use
- Designed, manufactured and installed by professionals
- Long life



THEY MOW, YOU DON'T



### ETm 105

### ETm 65 / ETm 65s

### ETm 44

|                            | ETm 105  | ETm 65 / ETm 65s                       | ETm 44                                 |
|----------------------------|--|--|--|
| Area covered               | Up to 20 000 sq.m.   | Up to 9 000 sq.m.                      | Up to 5 000 sq.m.                      |
| Gamber                     | 30%  | 30%                                    | 30%                                    |
| Speed                      | 1,2 - 3,6 km/h per hour                                    | 0,8 - 3 km/h per hour                  | 0,5 - 2 km/h per hour                  |
| Battery                    | Lithium-Ion 25v  | Lithium-Ion 25v                        | Lithium-Ion 25v                        |
| MAXIMUM annual consumption | 830 kWh/an   | 580 kWh/an                             | 390 kWh/an                             |
| Cutting width              | 105 cm   | 65 cm                                  | 44 cm                                  |
| Cutting height             | 11 positions from 22 to 80 mm                              | 8 positions from 22 to 65 mm           | 9 positions from 22 to 75 mm           |
| Forward transmission       | 2 driving wheels (45 cm)                                   | 2 driving wheels (36 cm)               | 2 driving wheels (26 cm)               |
| Cutting system             | 15 blades on 5 decks                                       | 9 blades on 3 decks                    | 6 blades on 2 decks                    |
| Weight                     | 48 kg  | 36 kg                                  | 26 kg                                  |
| GPS and GPRS               | Included   | Included / -                           | -                                      |
| Equipment & accessories    | - Additional ETB charging station<br>- Golf Kit Ref. 33418 | - Additional ETB charging station<br>- | - Additional ETB charging station<br>- |



# Robot-mowers ETESIA

## Family ETmowers

ETm105 - ETm65 - ETm44



### TOTALLY SAFE

The built-in sonar's and sensors detect obstacles and manage appropriate reactions: slowing down, stopping, or changing direction. A contact switch stops the blades rotating immediately if the mower is lifted off the ground. The cutting blades are fitted with protective deflectors.

This eliminates all risk of accidental injury, particularly when children or animals are around. The personal security code and geo-localisation dissuade potential thieves (ETm65 and ETm105 models).

### EASY TO USE

Once your ETESIA fitter has installed the peripheral cable and configured your robot ETmower, all you need to do is enter your settings (timing, frequency, etc.) and let your robot get to work, following your instructions.

On-board IT makes it possible to automate mowing and optimise quality and savings – the robot works on its own, without supervision. The robot's activity is memorised and can be consulted, so that productivity can be calculated.

### TOTALLY AUTOMATED

Mowing is programmed in random mode (the route followed is never the same). ETESIA's robot ETmower moves at a fast cruising speed (up to 3.6 km per hour), which means they can mow large areas quickly. Their nonslip wheels and powerful motors enable them to deal with difficult terrain and slopes of up to 30%. ETESIA's robot ETmower is fitted with floating decks, and cutting units each fitted with three stainless steel cutting blades, which retract automatically if they come into contact with an uneven surface (mounds, molehills, etc.). This cutting system prevents damage to lawns and ensures a constant cutting height, which can be adjusted from 22 mm.

### THEY LOOK AFTER THEMSELVES

If your robot needs to recharge its batteries, it automatically goes to its charging station and resumes mowing once it is fully charged. If the lawn doesn't need mowing, your robot mower detects this and stays docked while the grass grows. If any incident occurs, your robot mower will send you an SMS\* alert message, indicating the type of incident that has occurred, and its position.

(\*) ETm65 and ETm105 model

### LONG LIFE

ETESIA's robot ETmower is manufactured in non-corroding materials such as ABS, aluminium and stainless steel. The electric motors are brushless, running on lithium ion batteries. The mechanical parts and parts subject to wear and tear are kept to a minimum.

### DESIGNED, MANUFACTURED AND INSTALLED BY PROFESSIONALS

ETESIA's robot ETmower has been designed and manufactured very carefully, in Europe. They are installed, started up and serviced by garden specialists who are approved and trained by ETESIA. They are your best guarantee that your installation will function perfectly.



### **ETm 105** Up to 20 000 sq.m.

ETm105 offers the top performance in our range, 105 cm cutting width. Its capacity enables it to deal with very large areas, such as golf practice ranges, stadiums, racecourses, etc. Energy consumption is kept to a minimum, beating all energy-saving records!



### **ETm 65/ETm 65s** Up to 9 000 sq.m.

ETm65, for green spaces and parks. ETm65 is perfect for large open areas cared for by local authorities and companies that find mowing a considerable waste of time and money. It works very quietly, so can be used during the day or at night, whatever the weather, on grassed areas covering up to 9 000 sq.m.



### **ETm 44** Up to 5 000 sq.m.

ETm44 is the model in our range of robot mowers that is dedicated for private use. Despite its smaller size and mowing capacity, the ETm44 offers the same reliability, quality of manufacture, safety and programming possibilities as the larger models in the range. ETm44 is perfect for anyone who wants to stop having to mow small and medium-sized areas of grass.







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