

hydro 80

Total efficiency



 **ETESIA**



hydro 80

Performance at its best!

The hydro 80 cuts and collects both long and short grass, without clogging. But this little workhorse does much more: for non-collection there is side discharge or rear ejection for longer grass. If you want a mulching mower - hydro 80 does that too.

With its quality finish, lawns look immaculate – but this versatile ride-on is equally at home in a paddock, orchard or rough grass. Add to that its compact dimensions, ease of use, hydrostatic drive and powerful 15hp twin-cylinder KAWASAKI engine, and you have a highly efficient machine offering the kind of output that would easily replace three walk-behind mowers.

Collecting

Mower deck

The hydro 80's success lies in its specially contoured deck which lifts and blows the clippings directly into the rear collector, without clogging. On uneven ground, anti-scalp rollers keep the blades out of trouble. It has an 80cm cutting width with an electromagnetic clutch and blade brake as an integral part of the system.

Built-in grassbox

The integrated 240-litre grassbox is emptied without leaving the driving position. For ease-of-use the system is hydraulically assisted.

Sound alarm

A buzzer sounds when the large capacity grassbox is full.

Cutting in long grass

Cut and drop

For meadows, long grass or other cut and drop applications, simply remove the base of the grassbox.

Windrowing

A side deflector (MD 80) allows the hydro 80 to windrow cut grass. This option is often used in long grass.

hydro 80 as a mulching mower

Efficient, environmentally-friendly mowing

An optional mulching kit (MU 80) quickly and efficiently recycles clippings into fine particles before returning them to the turf to decompose naturally. This method requires more frequent mowing and is particularly useful in drier periods when the grass grows slowly.

Efficient and go-anywhere

Compact design

Measuring 1.98m x 0.82m wide, hydro 80 is easily transported in a truck or trailer. It can pass through most gateways and its tight turning circle makes it ideal for small or awkward areas. It mows close to walls and fences and is highly manoeuvrable.

It goes anywhere

With its large-sized front wheels, the hydro 80 easily overcomes all obstacles such as pavement kerbs.



MKHP



TIGHT TURNING CIRCLE



COLLECTS LEAVES AND LITTER



WINDROWS CUT GRASS



COMPACT AND GO-ANYWHERE

METESIA



hydro 80

In a class of its own

Because you will want to use the hydro 80 every day of the week, in all weathers and in all conditions, we wanted to make it comfortable, easy-to-use and reliable, as well as easy to maintain!

Ergonomically designed, the hydro 80 offers operator comfort whatever the task.

It is easy to clean and maintain, and simple to use.

Built-in safety features ensure peace of mind, leaving you free to get on with the job in hand.

Comfortable and ergonomic

Ease-of-use

Through step design makes getting on an off the hydro 80 easy. The out-front driving position ensures excellent all-round visibility.

Fingertip control

With its high-backed suspension seat; smooth steering and wheel with guiding knob; ergonomic design plus easy-to-reach controls, driving is easy.

Controls

Cutting height adjustment and emptying the grass collector are carried out from the driving seat. The steering console is fitted with a timer and rev counter.

Smooth operation

The built-in shock absorber system and hydrostatic transmission give a smooth ride over a wide range of mowing speeds and you can cut in reverse as well!

Transmission

Work at the speed you want. Reverse. Stop immediately:

No gears to change, the foot-controlled hydrostatic transmission takes care of everything.

Simple and easy-to-use

Attention to detail

The hydro 80 is fitted with front lighting and a horn, controlled from the console.

Cleaning

A hose point makes it easy to clean underneath the deck.

Safe operation

Stability

Low centre of gravity and even weight distribution provide excellent stability and performance on gentle slopes.

Safety

An electromagnetic blade brake stops the cutter rotating within 5 seconds. Driver presence safety switch.



COMFORTABLE DRIVING SEAT



EASY HANDLING



FRONT LIGHTING, LARGE SIZED FRONT WHEELS



HOSEPIPE FITTING MAKES CLEANING EASY





hydro 80

Built for long-life



With ETESIA's heritage of half-a-century of experience in lawnmower manufacture, plus the latest state-of-the-art CAD systems, the hydro 80 meets stringent quality standards (ISO 9001 version 2000 certification).

ETESIA is committed to continued quality assurance for its professional users in over thirty countries worldwide.

Rugged and reliable

Chassis

The specially coated 60 mm tubular chassis is designed for strength and long-life.

Steering

Reinforced steering integrated into the new front axle, plus large sized front wheels ensure smooth manoeuvrability.

Transmission

The latest professional hydrostatic transmission that lasts three times longer than classic transmissions.

Blade clutch

Direct belt transmission. The electromagnetic blade clutch is controlled by self adjustable belt with constant tension.

Engine



Fitted with the latest 15hp KAWASAKI twin

cylinder engine, selected for its powerful performance and reliability.

Low maintenance

Accessibility

Quality built for long-life and low maintenance, hydro 80 has easy access to the engine and all working parts.

Maintenance-free

The hydrostatic transmission system is maintenance-free.

Increased versatility

Range of attachments

Accessories to complement the hydro 80: Mulching kit MU 80, Side-discharge deflector MD 80E, Snow blade MV 80, Tow bar MR 80E.

Technical specifications



MKHP	
ENGINE	KAWASAKI FH430 15 HP
Type	4-stroke motor – overhead valves
Cylinders/cooling	V-Twin cylinder, air cooled
Cylinder	423 cm ³
Horsepower	15 HP at 3600 rpm
Alternator	12 V - 20 Amp. With regulator
Battery	12 volts 30 amps
Ignition	Electronic with transistor
Fuel type	Petrol leaded or unleaded
Tank capacity	12 L
Work output	4 - 5 hours in normal conditions
Oil crankshaft capacity	1,8 L - with filter
TRANSMISSION	
Axle box	Hydrostatic – Final belt transmission
Speed	Variable from 0 to 9 km/h in forward or reverse
Oil tank capacity	2,5 L
TRACTOR	
Frame	Multi-tubular mechanical welded frame
Steering	Mechanical
Tyres	Front: 13"x5"x6" / Pressure: 1,5 kg/cm ² - Rear: 16"x6,5"x8" / Pressure: 0,8 kg/cm ²
Turning radius	0,7 metre
Brakes	Incorporated in hydrostatic transmission
Weight	225 Kg
MOWER	
Mower deck	Steel deck
Installation	Suspended and removable deck
Number of blades	One 80 cm blade
Rotation direction	hourly
Blade clutch	Electromagnetic with built-in brake
Protection against impact	Shear bolt
Cutting width	80 cm
Cutting height	5 settings from 44 to 102 mm – central height adjustment
Ejection	Direct rear
Scalp-protection	Anti-scalp rollers
GRASS COLLECTION SYSTEM	
Grassbox emptying	240 L grassbox with assisted emptying
Grassbox construction	Tubular structure – anti UV / treated polyamide material
SAFETY SYSTEMS	
	Driver presence microswitch
	Grassbox / deflector microswitch
NOISE LEVEL	
Acoustic pressure	88 dB(A) at control position (EEC 86/188 directive)



HYDROSTATIC TRANSMISSION



EASY ACCESS TO THE ENGINE



15 HP KAWASAKI TWIN CYLINDER ENGINE



ELECTROCLUTCH

ETESIA



A innovative manufacturer offers a sound guarantee

Founded by a group which is backed by over 50 year's experience in the gardening world, ETESIA is located in Alsace, at the heart of Europe in a purpose built 45,000 square metre manufacturing complex. ETESIA pays special attention to the quality of its products, as confirmed by the ISO 9001 certificate obtained by the company.

Professional back-up

ETESIA products are distributed in over 30 countries around the world by a network of specialist dealers who provide sales, service and replacement parts.

Tried and tested by professionnels in more than 30 countries

Year after year, ETESIA mowers, brushcutters and ride-ons enjoy increasing success with professionals. Success that testifies to the efficiency, reliability and user comfort of the Green & White products.

ETESIA, seeing is believing!

Judge for yourself by taking a firsthand look at ETESIA's performance and reliability. Free demonstration is available-just call or fax your nearest dealer.

ETESIA'S DEALER

The policy of the company is one of continued improvement of its products and therefore it reserves the right to alter specifications without notice. Availability according to stock. Photographs and illustrations not bound by contract. All due reservations made fort printing errors.

ETESIA
Seeing is believing

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