

# BAHIA TECHNICAL SPECIFICATIONS



\*for domestic use

	MBHE	MHHE	MKHE	MKM	M2E
Dimensions	1980 mm X 820 mm h=1170 mm	1980 mm X 820 mm h=1170 mm	1980 mm X 820 mm h=1170 mm	1730 mm X 900 mm h=1220 mm	1980 mm X 820 mm h=1210 mm
Engine	BRIGGS & STRATTON Single cylinder OHV 31E607	HONDA GXV 390 OHV	KAWASAKI 2 air-cooled V cylinders FS 481V		Electric
Engine power	14.5 HP (10.66 kw)	13 HP (10.66 kw)	16 HP (11.9 kw)		Electric
Displacement	502 CC	389 CC	603 CC		-
Operating speed	2850 rpm				-
Starter	Electric starter 12 V				Contacteur
Speed	Forward: from 0 to 9 km/h / Reverse: from 0 to 8 km/h				
Cutting width	80 cm		85 cm		80 cm
Cutting height	5 positions single lever adjustment 44 -102 mm (1.7"-4")				
Collector capacity	240 L				240 L
Emptying Collector	manual, assisted by gas-powered jack				manual, assisted by gas-powered jack
Drive transmission	Hydrostatic				Electric motor
Blade transmission	By direct, constant tension belt				Electric motor
Blade system	Electromagnetic clutch incorporating a blade brake				Electric motor
Fuel	Unleaded				Mains rechargeable batteries
Weight	230 kg				330 kg
MKM accessories	MC85MN = bahia mulching spare blade				
M2E accessories	Coming soon : 230V converter for electrical accessories, extra trailer battery, photovoltaic panel for recharging				
Equipment & accessories Bahia range	MCB = starter battery charger (except M2E) MD80N = lateral swathing deflector (except MKM) MET = mechanical spreader (capacity 65L) MR80 = towing hooks (standard on MKM) MRM = multi-purpose garden trailer MRL = spraying hose for MRM trailer MU80N = mulching kit (insert+blade) (except MKM) MV802N = snow blade MVE80 = option - electrically operated (except M2E and MKM) MZ80 = special mulching blade (except MKM), MZ80M = special mulching blade (except MKM)				

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TEMP & FORT

As we constantly aim to improve our products, ETESIA reserves the right to modify specifications of the models presented here without prior notice. Availability according to stock. Photographs and illustrations are not bound by contract. All due reservations made for printing errors.



*Seeing is believing*

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# bahia

INNOVATION IN A NUTSHELL



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# METESIA



# bahia

A WORLD  
APART

## Efficient

*Compact, flexible, high-performance, resolute.*  
*With bahia, you will discover a whole new class of performance.*



### Compact – a go-anywhere mower

A pocket-size ride-on mower, just 0.85 m wide and 2 m long, bahia features an incredibly tight turning circle. It nips into every nook and cranny and can be easily transported.



### Flexible – the “automatic” gearbox

Forward. Stop. Reverse. Accelerate. Brake. Instantaneously. In complete safety. Pedal-controlled hydrostatic transmission for easy driving.



### Efficient

Engine power is over 90% centred on drive and blade transmission. Maintenance-free hydrostatic drive transmission. Blade transmission via direct belt and constant tension.



### Resolute

With its low centre of gravity, bahia's 30/70 weight distribution on the front/rear axles makes it a highly stable mower that masterfully copes with slopes. in all conditions.

# BAHIA

## EASY MOWING

All-rounder

*Bahia grass collecting*  
3 petrol versions,  
1 x 100% electric version



### Cut and collect

Suspension cutting deck with direct rear ejection into a 240 l grass collector.  
Efficient even in wet or long grass.  
Buzzer sounds when grass collector is full.  
Grass collector opened and closed from driver's seat.  
Perfect collection of dead leaves.

*Mowing and collecting, long grass, mulching, towing, clearing snow.  
Bahia is adapted to every type of mowing, every task and every season.*

**+** Clearing snow

Snow blade (ref. MV80N)  
available as an optional extra.  
To clear snow from your paths  
and pavements fast.



**Cutting long grass**

Removable collector base  
for direct ejection of long grass.  
Side ejection with swathing  
deflector (MD80N option)  
for very long grass.



**Mulching**

Well-groomed mulching cut  
with mulching insert delivered  
as standard.

**NEW**

**Bahia mulching**  
Top-of-the range mulching.  
The brand new biocut 85  
cutting deck gives you precise,  
well-groomed cutting for  
a perfect finish.



*Bahia mulching  
1 petrol version*



# bahia

## USER FRIENDLY

### **Multi-purpose garden trailer**

*The ideal bahia accessory - the MRM trailer makes garden maintenance incredibly easy: transporting various items (easy emptying with foot-pedal control), good height working surface, tank for water or plant-care products with spraying hose (option).*

## Comfortable

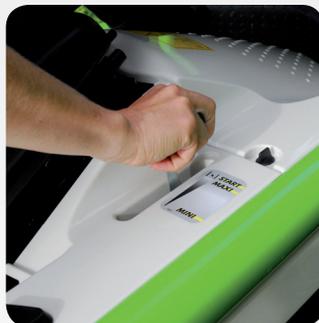
*Ideal driving position, high-comfort seat, controls on dashboard, silence and safety - with bahia, discover a whole new world of well-being.*



### Dashboard controls

Electric starter.  
The cutting blade controls, hourmeter\*, electrically-operated grass collector emptying\* and battery charger socket are all centralised on the dashboard.

\* as an option.



### Ideal working conditions

The bahia requires only the lightest touch for easy driving. From the driver's adjustable, ergonomic seat, you have a perfect view of your working environment and all the controls are within easy reach: cutting height selector, forward/reverse pedals, parking brake.



### The easy life

Buzzer sounds when grass collector is full.  
A hose pipe fitting makes cleaning the cutting system quick and easy (except M2E).  
Easy, direct access to engine using tools.  
Easy maintenance thanks to quick access to all mechanical parts.  
Built-in strapping hooks for safe transport.



### Safety first

Noise level under 100 dB(A).  
Petrol tank with overflow catcher.  
Clutch-integrated blade brake.  
Several safety switches.  
Complies with machine directive 2006/CE.

# BAHIA

## THE PETROL VERSIONS



### Robust and recyclable

Mechanically welded load-bearing chassis, diameter 60 mm, epoxy finish with built-in strapping hooks. Suspension cutting deck with constant trim and inspection door. Step, steering column cover and dashboard cover in EPP (expanded polypropylene): with its hardwearing, absorbing the vibrations and anti-skid properties, EPP is recyclable and has a low environmental impact.

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### 3 engines to choose from

3 engine fittings with valves in head are available:

#### Ref MBHE:

B&S OHV 31E607 14.5 HP (10.66 kw)

#### Ref MHHE:

HONDA GXV 390 OHV 13 HP (9.75 kw)

#### Ref MKHE and MKM:

KAWASAKI FS481V 2 air-cooled V cylinders 16 HP (11.9 kw)

Long-lasting

## BAHIA GRASS COLLECTING

Available in 3 petrol versions  
from 13 to 16 HP.

Ref MBHE

Ref MHHE

Ref MKHE



Top-quality materials, reliable technology, a large range of high-performance engines and a 3-year warranty for parts and labour for home use.  
With bahia, you are definitely going for the long-term option.

## BAHIA MULCHING



### Bahia MKM

The new generation mulching machine. 85 cm of top-quality mulching width. Integrated deflector with tool-free opening/closing (patented) to mow long grass.



**Scraper:**  
To remove grass  
from the rear wheels.





BAHIÁ

ELECTRIC

THE  
PLANET  
WILL  
THANK  
YOU  
FOR IT



## Innovative

*Ecological, economical, high-performance and quiet.  
With Bahia ELECTRIC, you are mowing into a brave new world.*



### Ecological

Zero emissions of carbon monoxide (CO), nitrogen oxide (NOx) and carbon dioxide (CO<sub>2</sub>).  
Zero emissions of hydrocarbon (HC), smoke and particles (PM).  
Recharging by solar panels (option).



### Economical

**Energy costs divided by 10!**  
Consumption costs < 0.37 £/h against 3.67 £/h for petrol.  
Low maintenance costs:  
no belt, no filter, no engine oil.



### High-performance

Range of about 2500 m<sup>2</sup>  
(2 hrs of mowing + 1 ½ hrs with trailer batteries (option).  
Recharging from mains 16A 220V in 6 hours.  
Converter and plug for 230V electric accessory (hedge cutters, edge trimmers etc.).



### Quiet

Virtually noiseless in travel mode.  
Less noisy in mowing mode than petrol version.

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