



# ***CABLE LAYING MACHINE AND ACCESSORIES***

**| BURY WIRE UP TO 10 MM IN DIAMETER**










***ONE MACHINE  
TWO MOTORIZATION OPTIONS: GAS OR ELECTRIC***

***2021 EDITION  
600mh.com***

# 600MH

one machine to bury wire for various applications\*\*\*

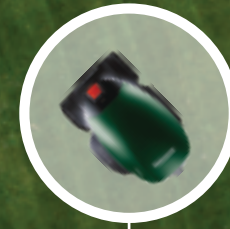
## COMPATIBLE WIRE CHART †

TYPES OF WIRE	VISUAL	WIRE GUIDES		
		4 mm	6 mm*	10 mm
Invisible fence wire for dogs		✓	✓	✓
Standard wire for robotic lawn mower		✓	✓	✓
Double-sheathed wire for robotic lawn mower			✓	✓
Cat6 Ethernet wire				✓
Low voltage wire				✓
Irrigation valve wire				✓
Coaxial cable				✓

\* INCLUDED WITH THE MACHINE

### ISLAND CREATION

It is now easy to create islands around trees and obstacles such as flower beds, thanks to the new Wire Twinning Device (PWMA-0017).



### ROBOTIC LAWN MOWERS

Install wire from all robot manufacturers thanks to the wire spool support that will fit spools of all sizes.



### IRRIGATION SYSTEM

Bury connecting wire to multiple sprinkler valves with ease.



### DIGITAL OUTDOOR ANTENNA

Antennas and dishes are often positioned at a good distance from the house. They are now easy to connect.



### INVISIBLE FENCES

Prevent pets from leaving the property by putting an electronic fence wire in the ground in minutes.



### PORTALS AND VIDEOPHONES

Install wire from the house to the equipment, even after the construction is finished.



### OUTDOOR LIGHTING

Low voltage outdoor lighting systems have become increasingly popular; they require a great quantity of buried wire. Nothing's easier with the 600MH.



### ETHERNET AND COAXIAL CABLE

High-speed internet access wiring is easy to install to reach isolated houses.



### SURVEILLANCE CAMERAS

Numerous cameras watching a property is common now. Link them easily with the 600MH.



\*\*\*Some applications shown above may not apply in your region.

† The chart above shows different types and diameters of wire that can be buried with the 600MH. Note that some optional accessories must be purchased separately for wires wider than 6 mm.

# 600MH

Technical specs  
and advantages

## WIRE GUIDE

For wire up to Ø 6 mm (included)  
For wire up to Ø 10 mm (optional)  
Optimal shape  
Sturdy



## SLIDING FOOT

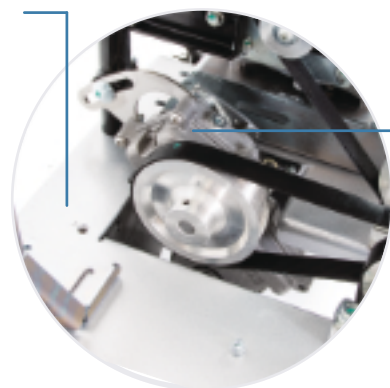
Provides easy control of the wire's depth  
Prevents grass damage  
Reduces debris on the blade and its axis

## HEAVY DUTY SOLID CARBIDE BLADE

For all soil types  
Offset by 15 cm  
Long-lasting

## STEEL FRAME

Rigid and durable  
Easy to clean  
Powder coated finish



## SELF-PROPELLED TRANSMISSION

Improves productivity  
Decreases operator efforts  
Control integrated in the handle

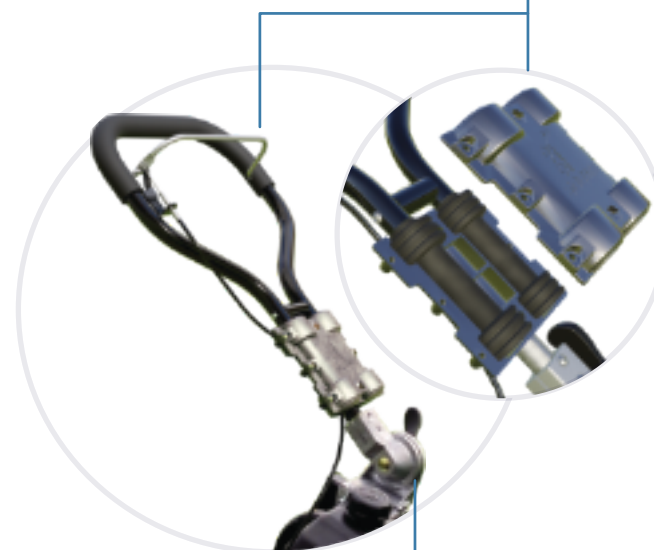
## AG TIRES

Improved traction in wet  
and slippery conditions  
No dirt build-up in muddy  
terrain conditions



## ANTI-VIBRATION HANDLE

Vibration levels reduced by 50%  
Improves operator comfort  
Ergonomic

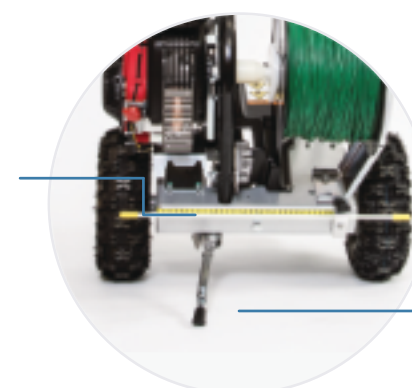


## PIVOTING JOINT

Pivots 30° to the right  
Tilts 180° front to back  
Facilitates installs in tight spaces

## EDGE DISTANCE GUIDE

Can be installed on the front or the rear  
Adjustable from 15 cm to 45 cm  
Enables meeting all robot manufacturers'  
requirements



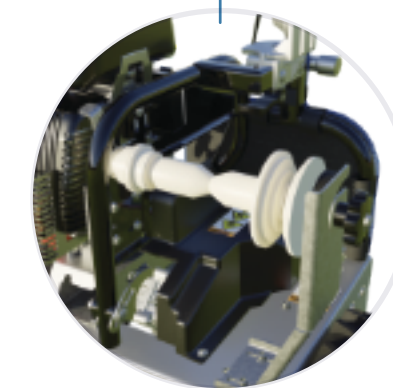
## TWO MOTORIZATION OPTIONS

Choose between:  
The Honda GXH50 4-stroke engine you can  
count on (600MH model)  
Or  
1 kW brushless electric motor fueled by high-  
capacity 80/82V Li-Ion batteries  
(600MH-Li model)



## WIRE REEL SUPPORT

Accommodates wire reels  
up to 300 mm Ø x 200 mm L  
Several possible configurations  
Optional support available (PWMA-0014)  
for oversized reels  
(up to 400 mm Ø x 350 mm L)



## KICKSTAND

Retractable  
Provides blade ground clearance on start-up

## YOU SHOULD KNOW

SEVERAL BRANDS AND MODELS OF BATTERIES AND CHARGERS ARE COMPATIBLE WITH THE 600MH-LI SUCH AS BRIGGS & STRATTON, GREENWORKS, CRAMER, STIGA.

REFER TO THE TABLE ON PAGE 11 FOR MORE DETAILS.



# 600MH

**cable laying machine**  
**Designed by and for professionals**

**NEW IN**  
**2021**

## More versatile than ever

The cable-laying machine 600MH offers the ruggedness, durability and portability necessary to professionals. It was originally designed to optimize the work of robot mower installers. In constant evolution, its new optional install kit for wire of up to 10 mm now enables installing wire up to 10 mm in diameter. It is then possible to use it also for burying wire for invisible fences, for outdoor lighting systems, for portal motorization, for videophones, for surveillance cameras, for high-speed Internet or cable TV connections, and more!

## More profitable than ever

The ergonomic handle, featuring the anti-vibration system that significantly improves the operator's comfort, folds down to go from action, to transport, to storage. The 600MH has been designed to be carried around and operated by a single person and can bury up to 600 metres of wire per hour! Its heavy duty solid carbide blade, offset by 15 cm, will make its way through all types of soil; stony, compacted or regular, easily laying wire between 4 and 6 cm deep. Its low turning radius and its distance guide give access to every corner and provide a precise install, reducing the installation time. The new optional wire twinning device now allows to quickly go around islands and bury both wires in the same trench without having to do it manually. These are only a few characteristics that make this machine so productive - and hence very profitable!



**600MH\***

## one machine, two motorization options

Choose the 600MH with a Honda GXH50 4-stroke engine or the 600MH-Li powered by a Lithium-Ion 80/82 V battery and see how powerful it is. Now the choice is yours!



**600MH-Li\*\***



### PERFORMANCE

Up to 600 metres of wire per hour



### WIRE DEPTH

4 to 6 cm



### WEIGHT AND DIMENSIONS

38 kg  
56 x 46 x 125 cm



### BLADE

Heavy duty solid carbide blade



### DIAMETER OF THE WIRE TO BURY

With included wire guide: Up to Ø 6 mm  
With optional wire guide: Up to Ø 10 mm



### WIRE REEL SUPPORT

Included: for reels up to 300 mm Ø x 200 mm L  
Optional: for reels up to 400 mm Ø x 350 mm L



### \*GAS ENGINE

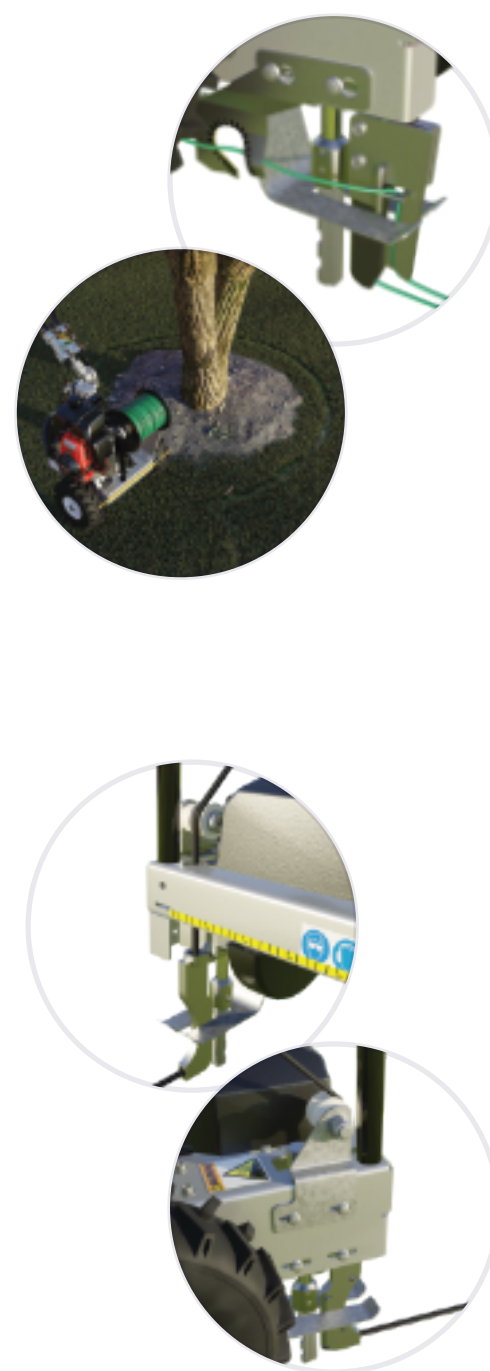
4-stroke Honda GXH50  
Power: 1.6 kW - 2.1 hp



### \*\*ELECTRIC MOTOR

Brushless 80/82V Lithium-Ion battery electric motor  
Power: 1.0 kW - 82V

## TWO MOTORIZATION OPTIONS



## WIRE TWINNING DEVICE

### PWMA-0017

When creating an island for the robot mower to avoid, the two wires between the island and the perimeter of the property must be twinned in order to cancel the signal and make the wires invisible to the robot. When there is a great distance between these two points, burying the wires by hand (on your knees) will cause a considerable time loss. Not anymore!

Thanks to the new WIRE TWINNING DEVICE, you can now bury both wires at the same time after going around the island with the machine. A diverting plate leads the wire laying on the surface towards a second wire guide installed behind the regular wire guide. An ingenious system then frees the surface wire once the perimeter is reached, which allows to continue to install without stopping.

This new accessory, available as an option, is installed on the 600MH in minutes and is also compatible with all the machines built since 2016.

## INSTALLATION KIT FOR WIRE UP TO 10 MM

### PWMA-0019

Open up to new possibilities! This new kit allows to install wire of bigger diameter, such as:

- Low voltage wire for outdoor lighting
- Cat6 telecom cable
- Coaxial cable
- Control wire
- and many others, up to 10 mm diameter.

The kit includes:

- Wire guide
- Guide roller
- Sliding foot with wider slot

Like most of our 600MH accessories, it can be installed on all the machines built since 2016.

NOTE: If the wire reels exceed the standard size (300 mm Ø x 200 mm L), we offer a new Support for Oversized Reels (PWMA-0014), which accepts reels of up to 400 mm in diameter per 350 mm in width.

**NEW IN  
2021**

### **SUPPORT FOR OVERSIZE REELS (UP TO 400 MM Ø X 350 MM L)**

**PWMA-0014**

You wish to use 1000 m reels for installing robot mowers?  
You would like to install low voltage wire for outdoor lighting?

Oversized reels can now be mounted on the 600MH with this improved support, which is now adjustable in width. It also includes a 450 mm threaded rod, hubs for 1000 m wire reels and a set of hubs for low voltage wire reels. The hubs and spacers provided with the 600MH can also be used in combination with these to accommodate different sizes of reels. A locking clamping knob is included and gives good control over the wire unwinding.

**Material :** Stainless steel, plastic  
**Weight :** 2 kg  
**Reel dimensions :** Up to 400 mm in diameter x 350 mm width  
**Maximum reel weight :** 20 kg

### **TOOL POUCH**

**PWMA-0018**

Here is another new accessory this year: a tool pouch that is meant to be firmly attached to the frame of the 600MH. Avoid time losses by keeping the necessary tools handy:

- Hammer, wire stripper, screwdriver, knife, etc.
- Spare blade and hex key
- Wire insertion tool
- Stakes and wire connectors.

### **WIRE INSERTION HAND TOOL**

**PWMA-0020**

Although the 600MH is doing most of the work, it sometimes happen that we need to push the wire down the trench manually. Finally, here is an insertion tool that was especially designed for this purpose. The steel blade features a slot which guides the wire with no risk of damaging it. The vinyl handle offers a comfortable grip at an angle that allows to maintain downward pressure while sliding the tool in the trench.

A must-have and very affordable tool!

## **OTHER ACCESSORIES**

### **ANTI-VIBRATION HANDLE**

**PWMA-0015**

Introduced on the 600MH in 2020, this system greatly improves the operator's comfort. Vibration measured at the operator level can be reduced by 50% in harsh terrain conditions.

Two dampers, moulded on heavy steel rods, are joined to the new 'C' handle and encased into an aluminum housing. A tubular shaft links the assembly to the existing pivoting joint, therefore preserving all the adjustment functionalities of the previous system.

Retrofits on all 600MH built since 2016.

### **HEAVY DUTY SOLID CARBIDE BLADE**

**PWMA-0008**

This blade is made of a steel body on which a carbide moulded wearing plate is welded. An exclusive process combines brasing operations and tempering of the body of the blade in order to attain the rigidity required to resist impacts while the carbide will resist wear.

One heavy-duty solid carbide blade is included with every 600MH.

**Material :** Steel and carbide  
**Weight :** 0.151 kg  
**Dimensions :** 20 mm x 125 mm x 5 mm

### **REVERSIBLE HARDENED STEEL BLADE**

**PWMA-0007**

The original blade made of steel tempered at 55-58 Rc is now offered as an option. It can be used with the 4 mm wire guide in soils offering less restriction.

It is thinner than the blade PWMA-0008, its trench will then be narrower.

**Material :** Hardened steel  
**Weight :** 0.066 kg  
**Dimensions :** 19 mm x 123 mm x 5 mm

### **WIRE METER**

**PWMA-0006**

The perimeter wire meter measures metres of wire as you install. Installed in 2 minutes on all 600MH machines. Saves time and eliminates the need for estimating wire measurement at the time of invoicing. Accurate reading. Works in both directions. Allows the use of larger wire reels.

Save time and money!

**Material :** Aluminium, zinc plated steel  
**Weight :** 1.3 kg  
**Dimensions :** 13.5 cm x 18.5 cm x 12.5 cm



# 600MH-Li BATTERIES AND CHARGERS



## LITHIUM-ION BATTERIES AND CHARGERS (Sold separately)

Lithium-Ion batteries are considered as one of the greatest innovation in nearly 20 years!

Indeed, these batteries offer several benefits:

**COMPATIBLE** : With other battery-powered tools such as the Portable Winch PCW3000-Li, chainsaws, hedge trimmers, lawn mowers, leaf blowers, etc.

**RECHARGEABLE** : Can be recharged to full capacity at any moment of the discharge cycle without damaging the cells.

**SIMPLES** : Features a charge gauge that shows the remaining available working time before or during work.

**PROFESSIONAL PERFORMANCE** : With their extremely high efficiency, these batteries provide ample power to run powerful tools for a long time. Moreover, they have a very low self-discharge rate when not being used, only 1.25% per month.

**EMISSION-FREE OPERATION** : Electric motors produce no exhaust gas or emission. In addition, using rechargeable batteries means a sustainable use of resources.

As you can see, several brands and models of batteries and chargers are compatible with our cable laying machine. Some brands or models are available in some countries while others are not. We invite you to check with your retailer to find out which ones are available in your area.



BATTERIES	BRAND	MODEL	VOLTAGE	RATED CAPACITY	CHARGING TIME (100%)	WEIGHT (KG)
	BRIGGS & STRATTON / SNAPPER XD	BSB2AH82	82V	2 Ah	30 min	1.5
	BRIGGS & STRATTON / SNAPPER XD	BSB4AH82	82V	4 Ah	60 min	2.6
	BRIGGS & STRATTON / SNAPPER XD	BSB5AH82	82V	5 Ah	75 min	2.6
	GREENWORKS COMMERCIAL	GL 250	82V	2.5 Ah	36 min	1.5
	GREENWORKS COMMERCIAL	GL 400	82V	4 Ah	60 min	2.6
	GREENWORKS COMMERCIAL	GL 500	82V	5 Ah	72 min	2.6
	GREENWORKS COMMERCIAL	GL 400BT	82V	4 Ah	60 min	2.6
	GREENWORKS PRO	2901302	80V	2 Ah	30 min	1.5
	GREENWORKS PRO	2902502	80V	5 Ah	90 min	2.5
CRAMER	82V220G	82V	3 Ah	45 min	1.6	
CRAMER	82V430G	82V	6 Ah	90 min	2.6	
STIGA	SBT 2580 AE	80V	2.5 Ah	40 min	1.6	
STIGA	SBT 4080 AE	80V	4 Ah	60 min	2.5	
STIGA	SBT 5080 AE	80V	5 Ah	75 min	2.5	

CHARGERS	BRAND	MODEL	VOLTAGE	AMPS OUTPUT	SLOTS	WEIGHT (KG)
	BRIGGS & STRATTON / SNAPPER XD	BSRC82	82V	4 A	1	1.5
	GREENWORKS COMMERCIAL	GC 400	82V	4 A	1	1.6
	GREENWORKS COMMERCIAL	GC 420	82V	4 A	2	2.0
	GREENWORKS PRO	2901402	80V	4 A	1	1.5
	CRAMER	82C1G	82V	4 A	1	1.6
	CRAMER	82C2	82V	4 A	2	2.0
	STIGA	SFC 80 AE	80V	4 A	1	1.3

This list is not exhaustive. Other brands or models could be added.





## Portable Winch Co. Head Office

1170, Thomas-Tremblay  
Sherbrooke, Québec, Canada, J1G 5G5

[WWW.600MH.COM](http://WWW.600MH.COM)

+1 819 563-2193

Toll-free (CAN & USA) : 1 888 388-7855

MADE IN CANADA  
PRINTED IN CANADA

