

ROBOFOX

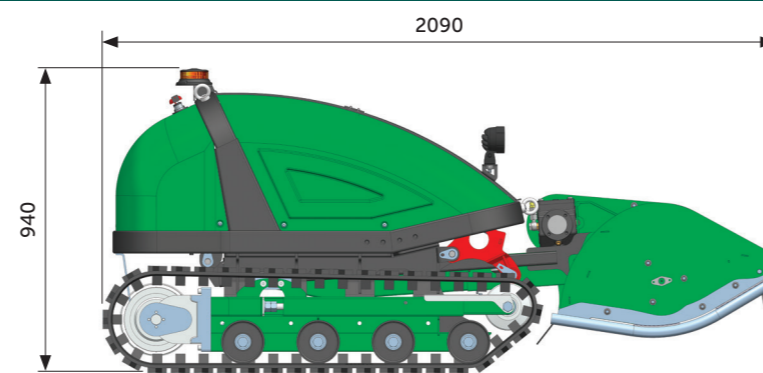


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ROBOFOX HYBRID

ROBOFOX ELECTRA

ENGINE		
Engine Type	Briggs & Stratton Oil Guard System	Electric
Engine Power	28 hp (21 kW) @ 3600 rpm	Mower : (10 kW) - Tracks : (1,5 kW x 2)
Fuel	Petrol	Battery
Fuel Tank	15 Litres	Battery: 20 kW - 9.9 kWh
REMOTE CONTROLLER		
Remote Control Movements	Proportional	Proportional
Remote Control Range	150 mt	150 mt
TRACKS DRIVE		
Breaking System	Automatic Negative Brake	Automatic Negative Brake
Turning Speed	0 - 4 km/h Slow / 0 - 7 Km/h Fast	0 - 4 km/h Slow / 0 - 7 Km/h Fast
Maximum Working Speed	6 Km/h	6 Km/h
FRAME		
Dimensions	2090 x 1050 x 860 mm / 82 x 41 x 34 Inches	2090 x 1050 x 860 mm / 82 x 41 x 34 Inches
Slope Angle	45°	55°
Ground Pressure	0,15 Kg / cm ²	0,14 Kg / cm ²
Weight	620 Kg / Lb 1366	560 Kg / Lb 1234
FLAIL MOWER		
Cutting Width	900 mm - 35"	900 mm - 35"
Flails Shaft Rotation	2900 RPM	2900 RPM
Drive Transmission	Tooth Belt For Gearbox + Flail Shaft	Direct Motor Drive To Mower + 2 Belt For Flails Shaft
Flails Stop	3 sec.	2 sec.
Cutting Adjustment	With Electric Actuators	With Electric Actuators
Cutting Height	10 - 120 mm	10 - 120 mm
Working Surface Approx.	4500 mq/h - 6 Km/h	4500 mq/h - 6 Km/h
Cutting Flails	Nr. 48 a "Y"	Nr. 48 a "Y"
MACHINE SAFETY		
Safety Stop	On Remote Control and On Machine	On Remote Control and On Machine
Activation Signal	For Tracks and Mower Drive	For Tracks and Mower Drive



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ROBOFOX



HYBRID / ELECTRA

PROFESSIONAL REMOTE CONTROLLED FLAIL
MOWERS



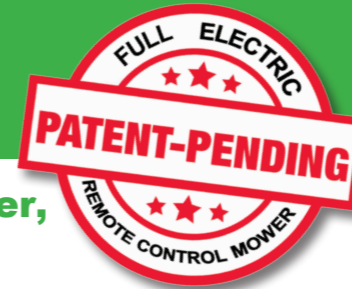
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HYBRID



ELECTRA



ROBOFOX



Safe mowing with remote operation, ideal for steep banks, soft ground, footpaths and areas of restricted access.



ROBOFOX HYBRID is a self-propelled radio-controlled flail mower designed for mulching grass, bushes and brushwood on steep slopes, restricted access areas and difficult ground conditions ensuring maximum operator safety. The low centre of gravity and robust rubber tracks allow the machine to operate with maximum grip on uneven, wet and sloping areas. The flail head is powered by a 28 HP engine, which is perfectly matched to power the 900 mm cutting head even in heavy wet material, the track drive is provided by two powerful brushless electric motors providing powerful, reliable traction and excellent maneuverability. The **ROBOFOX HYBRID** is able to move without the engine running thanks to an on-board battery pack, allowing the operator to drive the machine in enclosed areas without the engine noise & exhaust fumes and the ability to drive even if the engine runs out of fuel for easy recovery. The machine is equipped with drift control, which guarantees the **ROBOFOX HYBRID** moves in a straight line even on the most slippery slopes. The compact dimensions of the machine guarantee its use even in small areas, such as grass mowing under solar panels or on narrow paths.

Flashing beacon machine switched on
Flashing beacon flail mower switched on
Lifting and transport locking hooks
Led work lights
Integrated roll-bar protection



Spring floating system



- The heavy duty flail deck allows the ROBOFOX mower to handle long and wet grass or shrubs up to 2 cm in diameter.
- Strobe and flashing lights indicate: Machine on and tracks drive (RH). Flail Mower drive (LH).
- The ROBOFOX power units width is within that of the mowing head, allowing it to mow right up to obstructions and cutting the grass before being paddled by the tracks.
- Lifting and lashing points are fitted as standard.

Compact ZERO EMISSION remote controlled flail mower, ideal for low impact mowing in populated areas



ROBOFOX ELECTRA is a self-propelled remote controlled flail mower equipped with fully electric drive, both for the tracks and for the cutting head, and has been designed to cut and mulch grass, shrubs and brushwood up to 2 cm in diameter on steep slopes in complete safety and with minimal impact on the working area and surroundings.

The powerful batteries supplied with the **ROBOFOX ELECTRA** machine guarantee an autonomy of approximately 2 to 3 hours (depending on the working conditions), with zero emissions and in absolute silence. These features allow the **ROBOFOX ELECTRA** to be used in urban areas where the absence of pollution and noise is essential in order to minimise the impact of mowing operations in public areas. The battery pack is easily exchanged, and extra packs are available to extend the machine working time.



emissions **0%**

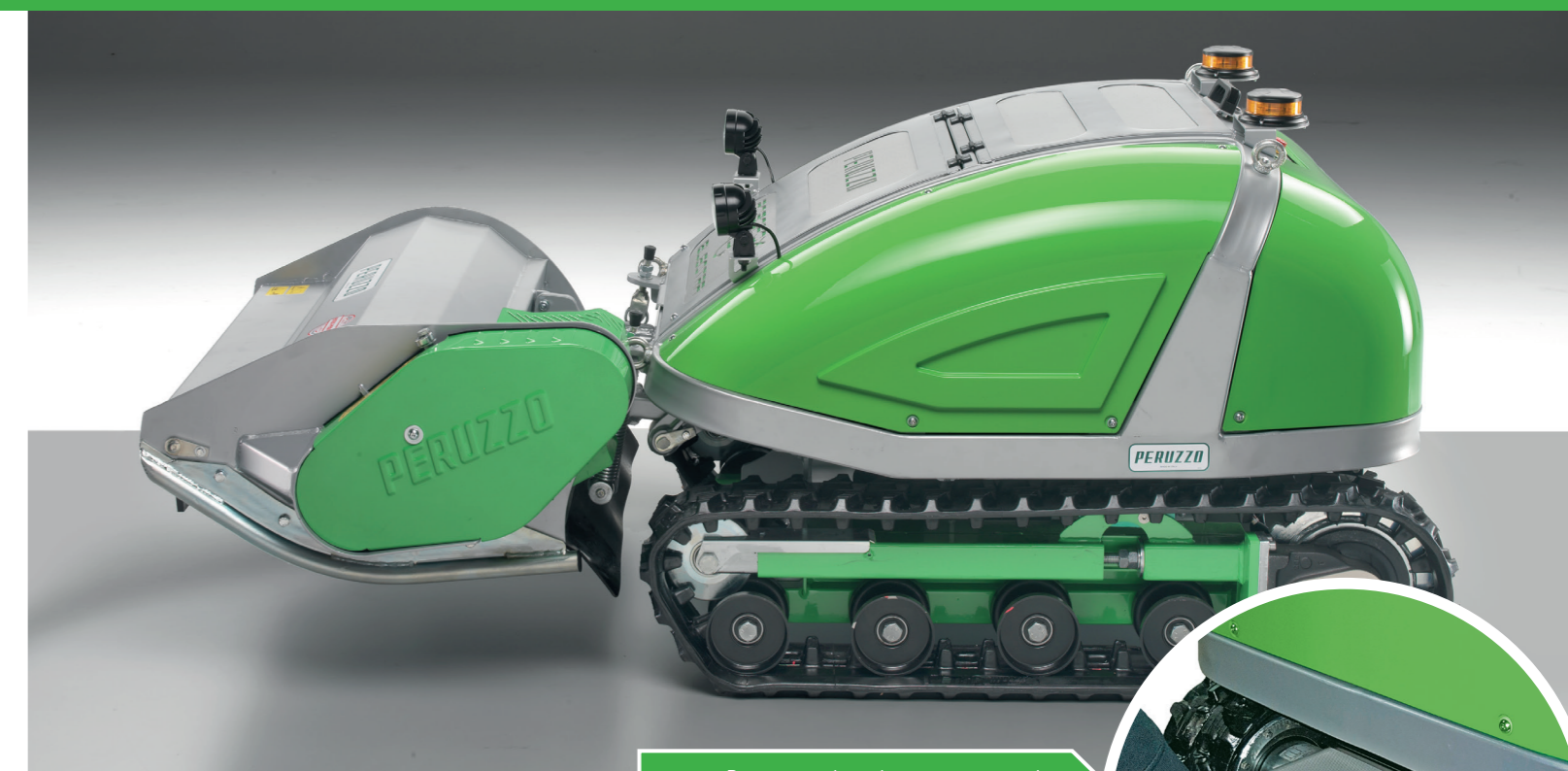


Battery charger 220 V

Recharge time: 3/4 hours



- The easy-to-use remote controller has full control of all mower functions with "CE" safety frequency system.
- If the frequency is disturbed the remote control automatically changes to a different frequency.
- The remote control has a range of 150 mt, the ROBOFOX will stop if it travels outside the transmitter range.



Battery pack replacement operation

ROBOFOX HYBRID

- Low petrol consumption.
- Electric track drive without the engine running.

ROBOFOX ELECTRA

- High cutting capacity with direct electric motor drive to the mower.
- Ultra low noise / and ZERO Emission, fully electric with powerful batteries for an unrivaled performance.

- The ROBOFOX design has incorporated protection for vital machine parts with a high quality steel body and integrated roll bar protection. Peruzzo designers have involved users in the field to develop all aspects of the ROBOFOX performance and usability.
- ROBOFOX radio controlled flail mowers have been designed with high quality products such as Bosch motors, electric power packs and radio control which are made in Italy.
- The fully electric transmission and the total lack of a hydraulic system avoids accidental contamination of the environment and reduces servicing costs
- Electronic circuits are constantly monitored by the machine, any fault results in a total stop for safety of machine and anyone or thing nearby.
- ROBOFOX ELECTRA has a very low centre of gravity compared similar machines on the market for maximum stability of the steepest ground.
- The front flail mower can be lifted at the press of a button by electric actuators which adjust the cutting height or lift the mower clear of the ground for transport.

FEATURES



FEATURES ROBOFOX

