

HYDROMEGA®

SELF-PROPELLED TRACKS FLAIL MOWER ROBOSCARP



Unia Europejska
Europejski Fundusz
Rozwoju Regionalnego



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HYDROMEGA®
SOLUTIONS THAT CONNECT

SELF-PROPELLED TRACKS FLAIL MOWER

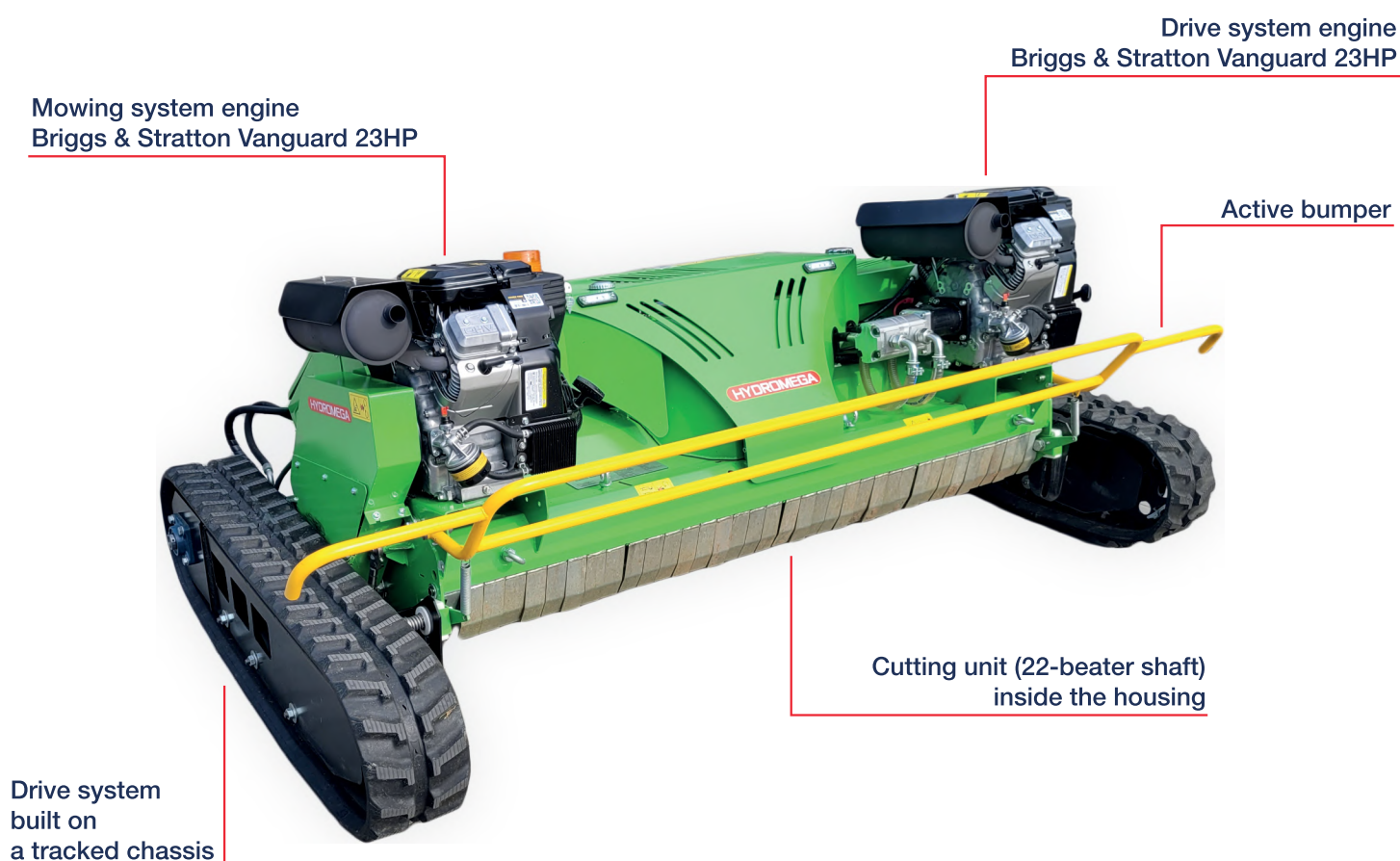
ROBOSCARP

SELF-PROPELLED MOWER FOR DEMANDING TERRAIN

ROBOSCARP mower is a specialized device designed for work in difficult and varied terrain:

- Effectively cuts and shreds grass, weeds, wasteland, shrubs, regrowth, and self-sown trees with a diameter of up to 5 cm.
- Perfectly suited for highway and railroad embankments, ski slopes, agriculture, gardening, and forest maintenance
- It can also be used to maintain green municipal infrastructure and to reclaim meadows and wasteland - both by mowing and leaving the cut grass behind and by mulching plant residues, e.g. after corn harvesting.

The device combines two functions in one work cycle: it cuts vegetation and shreds it at the same time which allows for faster mineralization of biomass and its natural return to the soil, increasing the efficiency of field work and reducing the number of work passes.



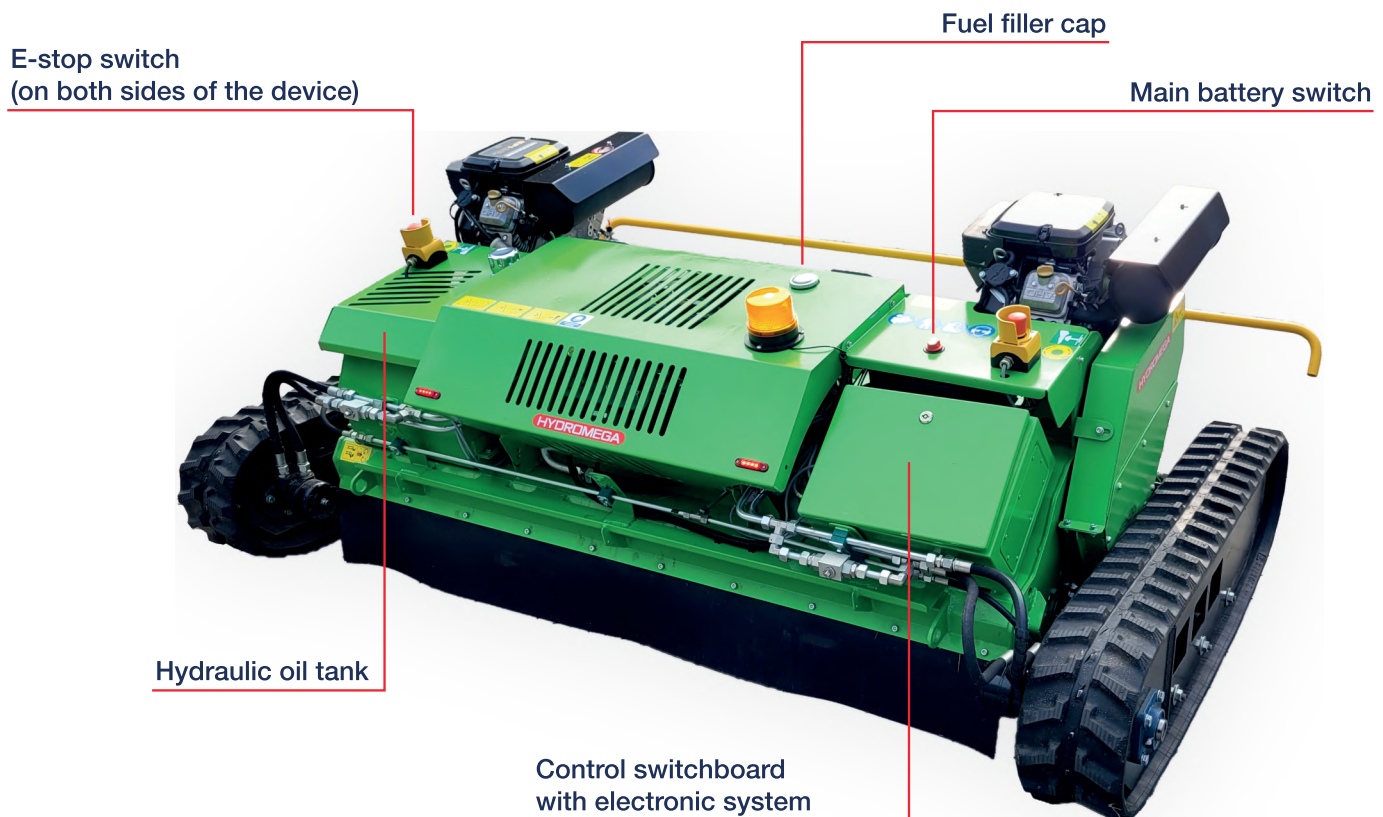
TECHNOLOGY THAT GIVES YOU THE EDGE IN THE FIELD

- Thanks to proportional control independent for each track, the machine offers excellent maneuverability even in difficult terrain.
- Equipped with 22 blades, the flail mower effectively handles not only tall grass, but also shrubs, regrowth, and self-sown trees with a diameter of up to 5 cm.
- Proportional hydraulics allow for smooth and precise adjustment of the device, enabling precise movement of the machine in all conditions.
- The mower is extremely intuitive to operate thanks to a modern remote control with the option of full automation in the custom version.
- Reduced noise levels and extended service intervals are additional advantages that translate into lower operating costs and greater comfort.

**2 YEARS
OF WARRANTY
SERVICE**

**OPERATOR
TRAINING**

**REPLACEMENT
DEVICE**



		ROBOSCARP
HYDROSTATIC DRIVE SYSTEM		
Type of combustion engine	1 x Pb 95	Briggs & Stratton Vanguard Gasoline 23HP 17.2 kW
Number of cylinders / type		Two cylinders / Cast iron
Drive system power	KM/kW	23 / 17,2
Drive system pump	cm³ / rpm	Toothed 2 x 6.3
Max. operating pressure in the drive system	MPa	14
Max. drive system pump capacity	dm³ / min	2 x 22
Type of drive system motors	pcs.	2 x Hydraulic motor
Oil tank capacity	[dm³]	19
Hydraulic system working medium	type	HL hydraulic mineral oil
Permissible viscosities	ISO class	VG-46 (May-September) / VG-32 (Other)
Min. purity of oil to be filled		Class 9 according to NAS1638 / 20/18/15 according to ISO ISO 4406
MOWING SYSTEM DRIVE		
Type of combustion engine	1 x Pb 95	Briggs & Stratton Vanguard Gasoline 23HP 17.2 kW
Number of cylinders / type		Two cylinders / Cast iron
RPM / Torque on the shaft	rpm/Nm/kW	3600 / 46 / 17,2
Fuel consumption	L / h	6
Mowing system power	KM/kW	23 / 17,2
Rotational speed of the flail shaft	rpm	Ca.2860
OPERATING PARAMETERS		
Mowing width	mm	1800
Mowing height	mm	50 ÷ 120
Efficiency	ha/h	1,25 / 1
Flail roller diameter	mm	133
Type and number of blades	pcs.	Hammer drills / 22
Maximum travel speed	km/h	8
Continuous travel speed	km/h	0 - 8
Mowing area per tank	ha	4,5 - 5
Driving method		Self-propelled – remote control
Method of operation		Machine operation – remote control Cutting unit – lift adjustment – remote control
Track width	mm	200
Flail blades	pcs. / type	22 (working width 100 mm)
Track axle spacing	mm	2140
DEVICE PARAMETERS		
Overall length	mm	1420
Overall width	mm	2540
Overall height	mm	850
Weight	kg	780
Fuel tank	quantity / layout / capacity	1 / central / 22 l

Exclusive Distributor:
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