

REMOTE-CONTROLLED TRACK MOWER

# agria 9500

Compact mower

agria  
*special*

One **agria**. Many possibilities!

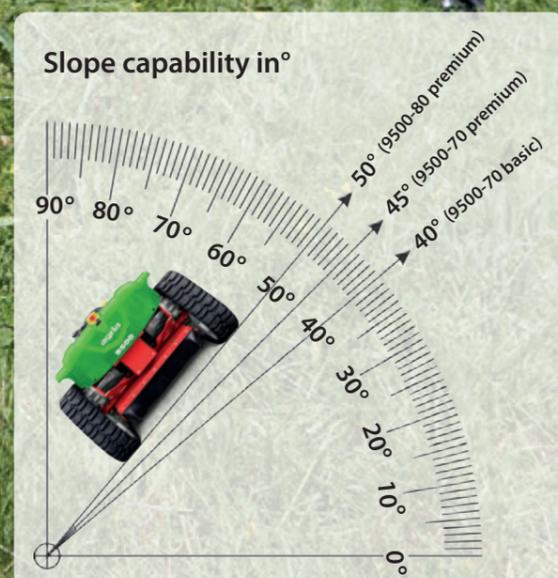


# agria special

Remote-controlled track mowers offer a huge range of applications. At the same time, they protect the operator from direct emissions like vibrations, noise and exhaust fumes.

With the remote-controlled compact mower agria 9500 you are very flexible in the field and start ideally in the world of remote-controlled mowing technology.

Have fun exploring!



## Overview agria 9500

Mostly there are many small details that really add value to this machine. The details of the agria 9500 are standing for flexibility, safety and simple use.



Removable-fuel-tank system by Agria

More at page 13, fig. agria 9500-80



Easy accessible **electric control box** protects the electric components against dust, vibration and moisture

More at page 11



Good visibility thanks to **LED signal lighting**

More at page 14

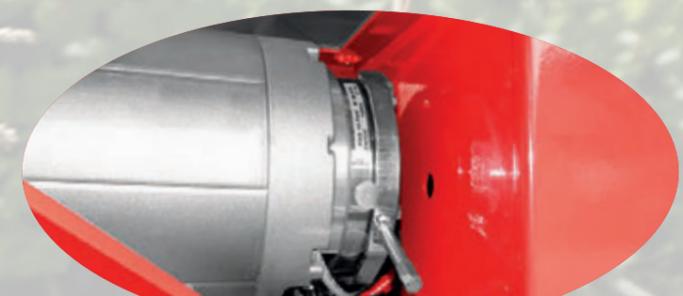


Protection against thrown objects: **Safety flaps tested by DLG**

More at page 14

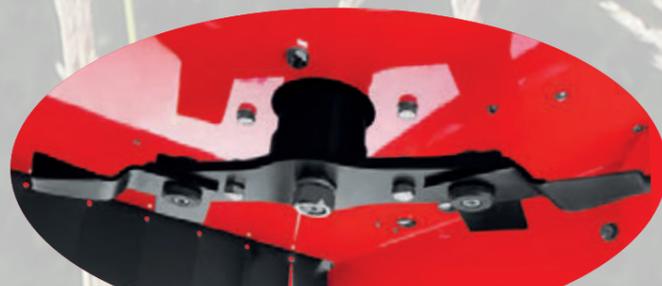


agria 9500-80



**Electromechanical brake** for safety on slopes

More at page 14



Fine cutting result due to specially formed **mulching blades made of hardened steel**

More at page 6, fig. agria 9500-80



Safe loading with **eye bolts**

More at page 13



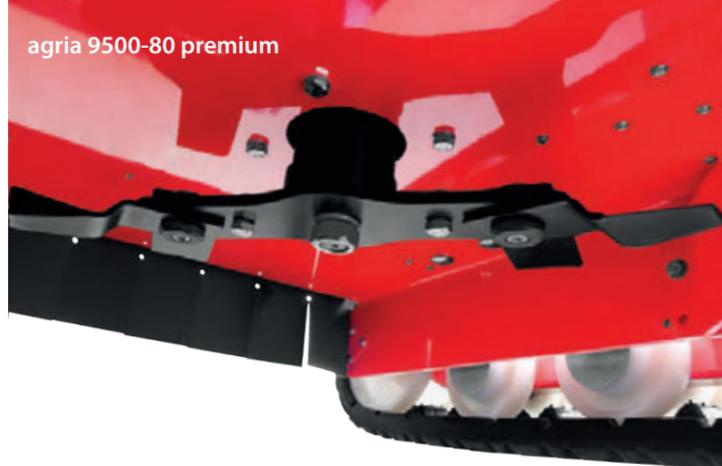
Low weight and **crawler tracks** to protect the soil

More at page 8

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agria 9500-70 premium



agria 9500-80 premium

## Robust mulching blades

The serrated mulching blades (agria 9500-70) and the 4 swinging blades (agria 9500-80) are made of hardened steel and are very robust.

## Best mulching result

In the field, the agria 9500 is not only able to mow wild growth, but also well-kept greens in parks, at hotels or historical places. Specially shaped mulching blades (agria 9500-70) and the swinging blades (agria 9500-80) distribute the cutted material evenly and leave a clean area.



## Full control in your hands

Thanks to the remote control, you stand always on a safe position and you are protected from direct emissions like vibrations, noise and exhaust fumes. In addition, the 2.8" colour display keeps you informed of many device statuses and for example provides you with a warning message, as soon as the machine is moving on a critical slope or should be refueled.



up to 300 meter range

If a frequency is disturbed ( - - - ), the remote control changes to a different frequency in the frequency band automatically ( ~ ). The machine is immediately switched off when a fault occurs.



## Crawler tracks

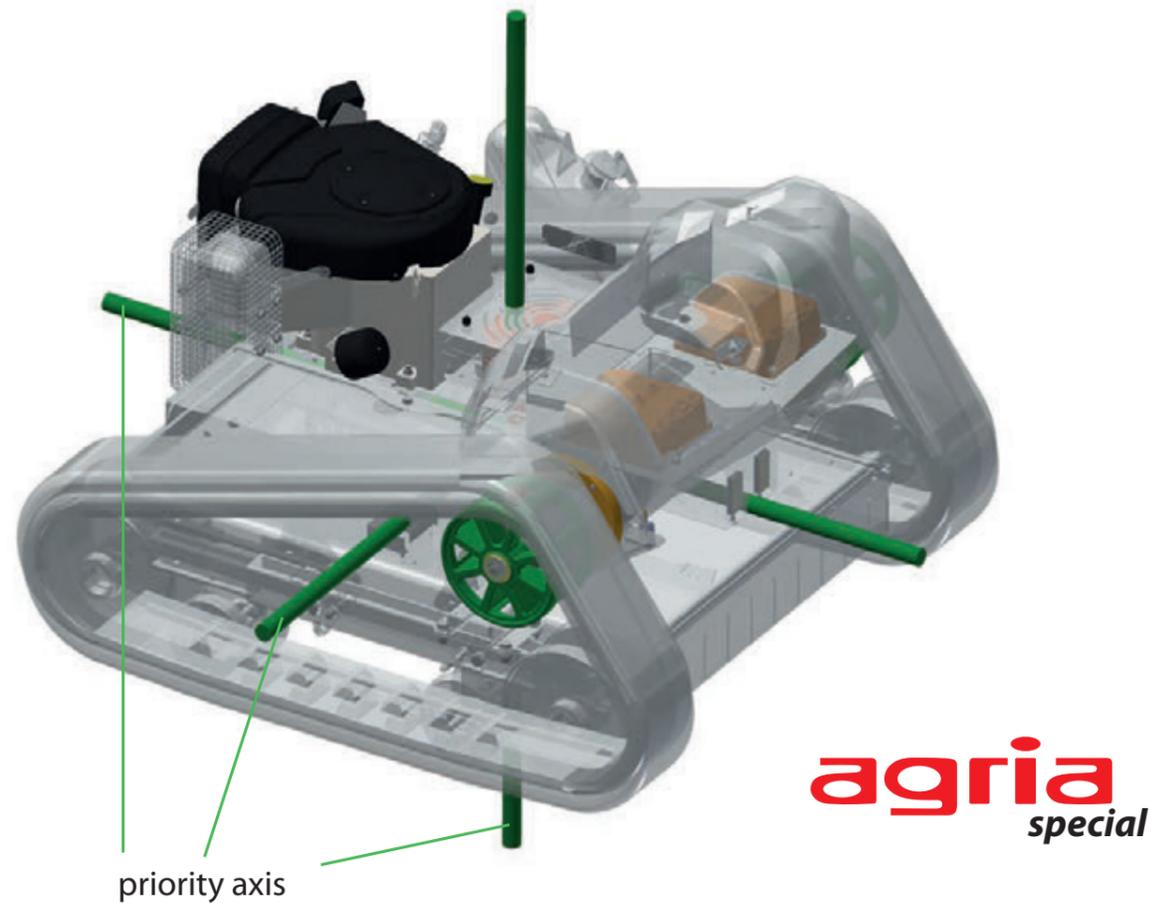
The specially formed crawler tracks keep the machine safe on extreme slopes and cause a lower ground pressure than a human.

The positive design of the track drive system (teeth on the track, tooth gaps in the drive) keep the tracks in position. It is almost impossible for the track to fall off.



## Low center of gravity exactly in the middle of the machine

The centre of gravity is set very low and is also located exactly in the middle of the machine. This means that the agria 9600 is extremely stable and controllable even on steep slopes.



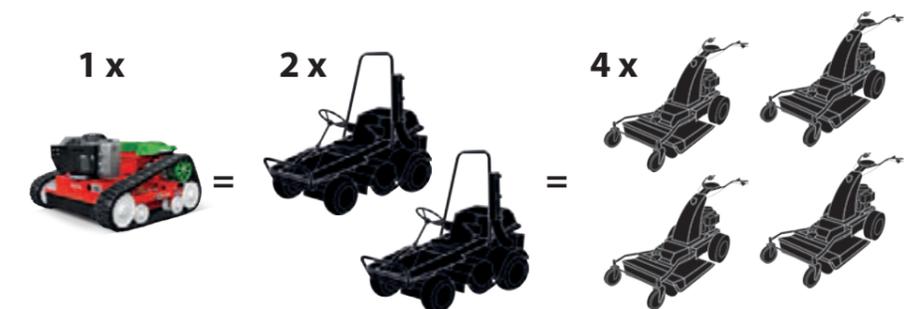
## Very flexible and suitable on slopes

The professional machines are designed for permanent use on slopes of up to 50° (120%). Wherever the operator would stay in a dangerous area, the machines can be used safe and reliable. The rotary blades are cleverly positioned between the crawler tracks. This allows mowing in both forward and reverse directions saving valuable time with far fewer manoeuvres and preventing soil disruption.



## Area performance and costs

Thanks to its high productivity and flexibility, the agria 9500 saves you a lot of time and money.

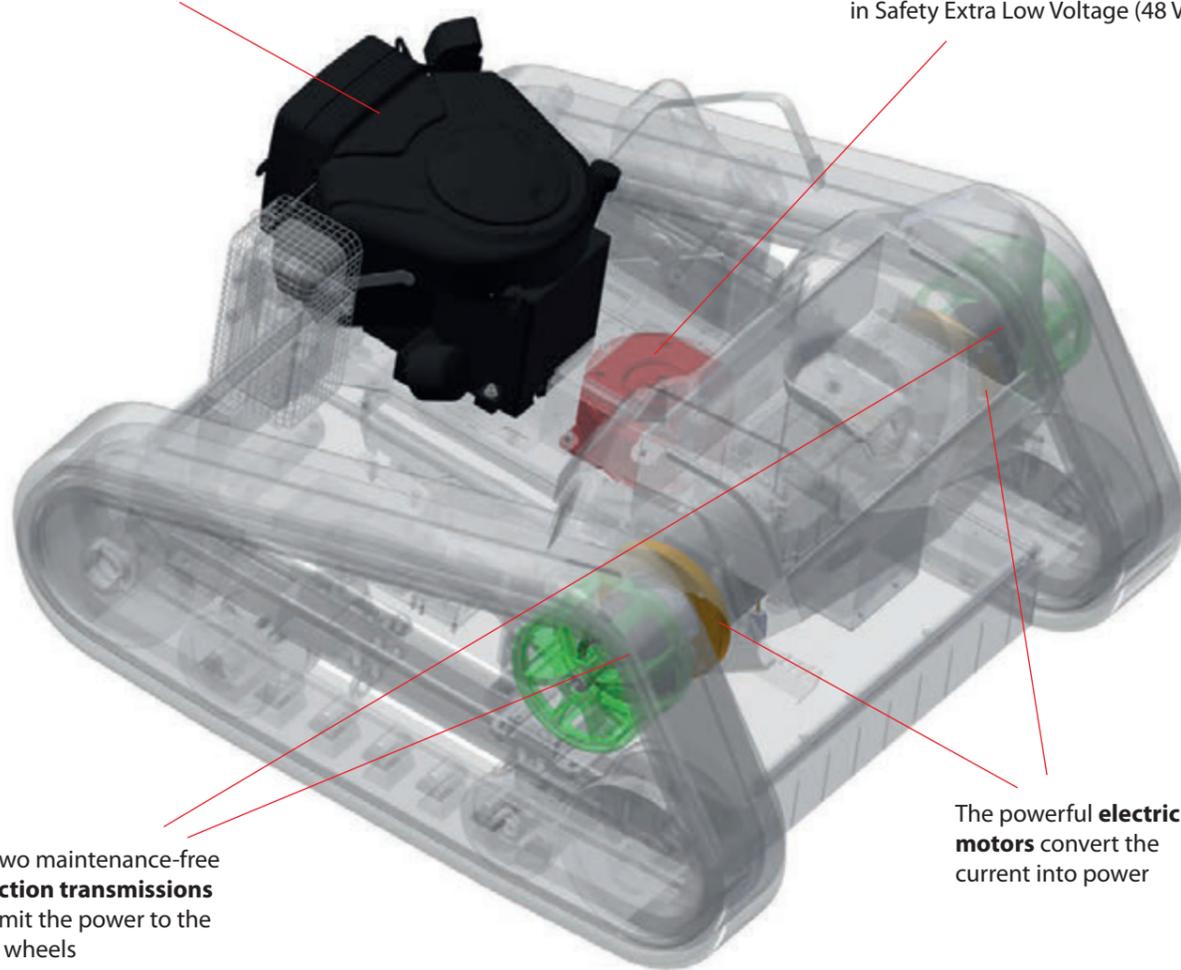


## Generator and track motors wear- and maintenance-free

Both generator and track motors are brushless and therefore wear- and maintenance-free. The combination of petrol engine and electric drive works much more efficiently and therefore more environmentally friendly than hydraulic concepts.

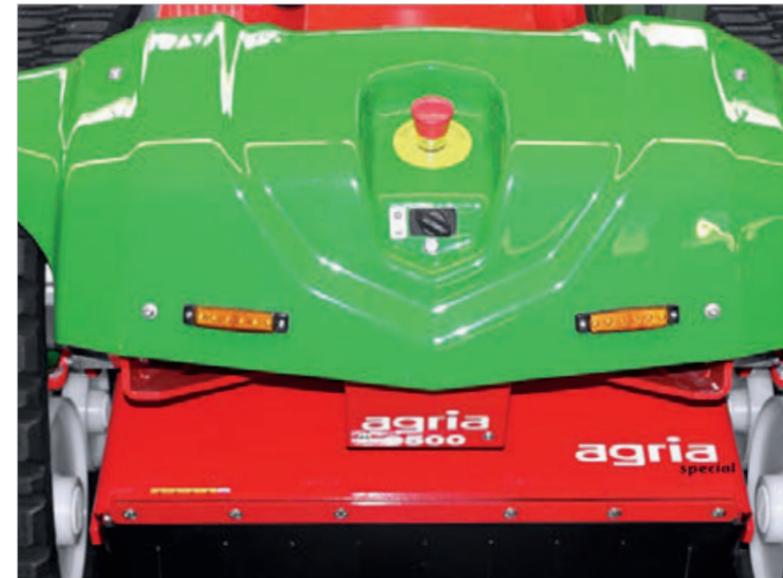
The **petrol engine** drives the mower and

The **generator** generates electricity in Safety Extra Low Voltage (48 V)



The two maintenance-free **reduction transmissions** transmit the power to the drive wheels

The powerful **electric motors** convert the current into power



## E-Box

The entire electronics are placed in an easily accessible electrical control box. The E-box protects the components against dust and moisture, and because of the rubber buffers also against vibrations.



## Electrical height adjustment

The electrical cutting height adjustment allows a stepless adjustment of the cutting height between 30 - 130 mm by remote control. You can see the set cutting height on the remote control display.



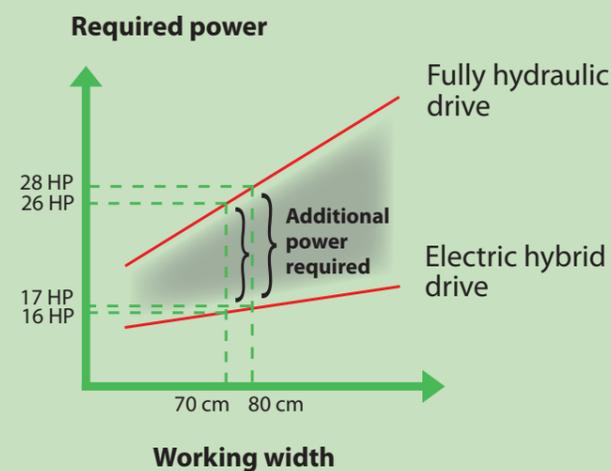
## Automatic V-belt tensioner

Due to the automatic V-belt tensioner, the V-belt does not have to be re-tensioned by hand and always has the recommended tension. You also save this maintenance unit and have time for the important things.

The electric hybrid drive is about **65% more effective** than a fully hydraulic drive system.

This means:  
To achieve a comparable performance like the **agria 9500-70 premium** with approx. 16 HP, a fully hydraulic unit requires approx. **10 HP more!**

To achieve a comparable performance like the **agria 9500-80 premium** with approx. 17 HP, a fully hydraulic unit requires approx. **11 HP more!**

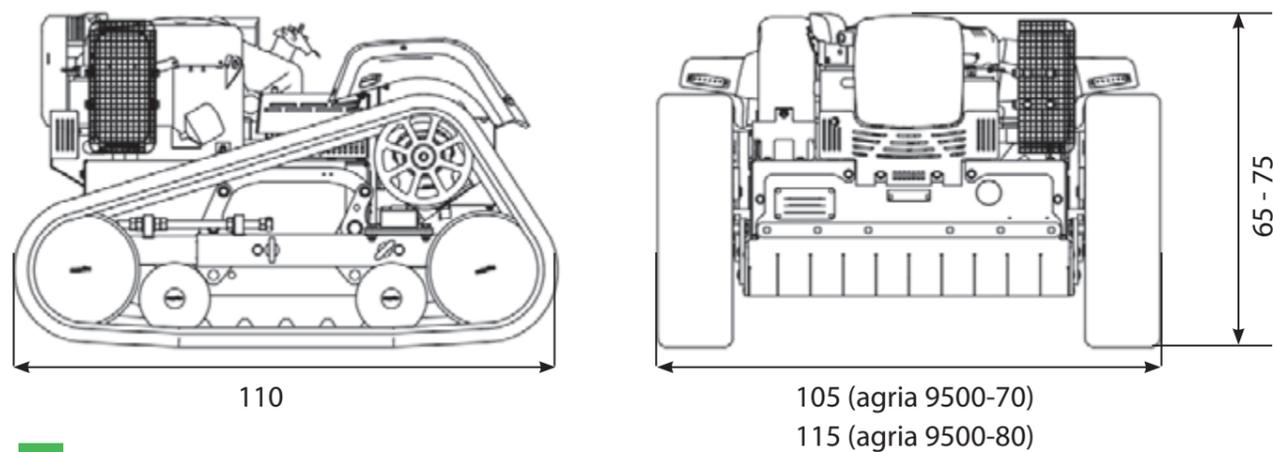


## Low height

The very compact design is also visible in the low height of the machine. This makes it easy to work even on areas that are difficult to access, such as greens under solar panels.



## Dimensions in cm



## Safe loading

Four cast eye bolts are provided for conveniently locating tie-down hooks when transporting. The fuel canisters are secured in place by a retainer.



## Easy transport

Because of the compact design, the agria 9500 can be transported with small transport vehicles.



## Replacement-fuel-canister-system by Agria

The Replacement-fuel-canister-system by Agria makes refuelling easy and safe even in difficult terrain.

The standard 5 liter canisters (agria 9500-70 premium) / 10 liter canisters (agria 9500-80) can be easily removed, replaced and reconnected.

With this system, the agria 9500 can even be used in water protection areas without any problems. The fuel quantity is sufficient for a use of approx. 3 hours (agria 9500-70 premium) / five hours (agria 9500-80 premium).



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## Safety

- Protection against thrown objects: Safety flaps tested by DLG according to EN12733
- Emergency shut-off switch on the machine
- Emergency shut-off switch on the remote control
- Automatic shutdown when the transmission signal is lost
- Safety Extra Low Voltage 48 V
- Electromechanical Fail Safe Brake
- Safe transport
- Operators manual always available by QR-Code



## Electromechanical Fail Safe Brake

Electromechanical Fail Safe Brakes are mounted on both electric motors. These ensure maximum safety even on steep slopes.

## LED signal lighting

Thanks to standard LED signal lighting, the machine is clearly visible from the front and rear even in poor visibility conditions.



## LED signal beacon

When starting the machine the conspicuous LED signal beacon is switched on automatically (available as an option)



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TECHNICAL SPECIFICATIONS		agria 9500-80 premium
Article number		9500 211
Engine		Kawasaki FS 600V 2-cylinder 4 stroke petrol engine 12,7 kW (17,3 HP)
Torque		40,4 Nm @ 2200 rpm
Fuel system		1 x 10 liter; removable fuel tanks by Agria
Drive system		Step- and brushless electric drive, 48 V DC, Safety Extra Low Voltage
Speed ranges/ Speeds		3 speed ranges can be selected stepless: Range 1: 0 - 2 km/h; range 2: 0 - 3.8 km/h; range 3: 0 - 5.8 km/h
Brake		Electromechanical Fail Safe Brake
Slope capability		50° (119%)
Mower		High grass rotary mulcher
Blade		Swinging blades for dense vegetation, 1 blade carrier with 4 swing blades
Mower drive		Belt drive with electromagnetic clutch
Working width		80 cm
Cutting height		30-130 mm, adjustable by remote
Surface power		max. 3.000 m <sup>2</sup> /h (5 km/h)
Remote Control		Autec-Safety RC-System with 2,8" display
max. Range		max. 300 m
Recommended working range		max. 100 m
Tilt sensor for the remote control		•
Dimensions L x W x H		110 x 115 x 65 - 75 cm
Ground pressure		0,08 kg/cm <sup>2</sup>
Weight (with full jerrycans)		approx. 350 kg
Options		LED Signal lamp, Crawler tracks with non-slip cleat-profile

TECHNICAL SPECIFICATIONS		agria 9500-70 premium	agria 9500-70 basic
Article number		9500 111	9500 011
Engine		Briggs & Stratton Vanguard 1- cylinder 4 stroke petrol engine 11.9 kW (16.2 HP)	Briggs & Stratton Intek 1- cylinder 4 stroke petrol engine 9.7 kW (13.2 HP)
Torque		30.6 Nm @ 2.400 rpm	22 Nm @ 2.500 rpm
Fuel system		1 x 5 liter; removable fuel tanks by Agria	1 x 2.8 liter; fixed tank
Drive system		Step- and brushless electric drive, 48 V DC, Safety Extra Low Voltage	Step- and brushless electric drive, 48 V DC, Safety Extra Low Voltage
Speed ranges/ Speeds		3 speed ranges can be selected stepless: Range 1: 0 - 2 km/h; range 2: 0 - 3.8 km/h; range 3: 0 - 5.8 km/h	3 speed ranges can be selected stepless: Range 1: 0 - 2 km/h; range 2: 0 - 3.8 km/h; range 3: 0 - 5.8 km/h
Brake		Electromechanical Fail Safe Brake	Electromechanical Fail Safe Brake
Slope capability		45° (100%)	40° (84%)
Mower		High grass rotary mulcher	High grass rotary mulcher
Blade		Mulching blade	Mulching blade
Mower drive		Belt drive with electromagnetic clutch	Belt drive with electromagnetic clutch
Working width		70 cm	70 cm
Cutting height		30-130 mm, adjustable by remote	30-130 mm, adjustable by hand
Surface power		max. 2.500 m <sup>2</sup> /h (5 km/h)	max. 2.500 m <sup>2</sup> /h (5 km/h)
Remote Control		Autec-Safety RC-System with 2,8" display	Autec-Safety RC-System with 2,8" display
max. Range		max. 300 m	max. 300 m
Recommended working range		max. 100 m	max. 100 m
Tilt sensor for the remote control		-	-
Dimensions L x W x H		110 x 105 x 65 - 75 cm	110 x 105 x 65 - 75 cm
Ground pressure		0,08 kg/cm <sup>2</sup>	0,08 kg/cm <sup>2</sup>
Weight (with full jerrycans)		approx. 344 kg	approx. 336 kg
Options		LED Signal lamp, Crawler tracks with non-slip cleat-profile, Swinging blades for dense vegetation	LED Signal lamp, Crawler tracks with non-slip cleat-profile, Swinging blades for dense vegetation



## NOT ENOUGH?



In our catalogue Professional Solutions 2021 you find our complete product range. We would be pleased to provide you detailed information with individual topics such as for example soil cultivation and weed removal in our videos.



Discover the agria 9500 in the video:



## DEMONSTRATION AT YOUR SITE



Convince yourself of our machines and make an appointment for a non-binding demonstration at your site. So you can see how the machine performs on your surfaces before you buy it.

Take the machine into your own hands - we are sure that you won't let it go again.



# agria

Agria-Werke GmbH  
Bittelbronner Straße 42 · D-74219 Möckmühl  
Tel. +49 6298 39-0 · Fax +49 6298 39-111  
info@agria.de · www.agria.de



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