ARA Application Sheet — Autonomer Reithof Assistent

430mm
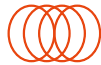200mm
1200mm
1200mm

20 Minutes Initial Setup Time

4,5 Hours Running Time

6 km/h Speed

Autonomous Leveling
Levels every soil type, with the pattern of your choice.

Multi-Tool Carrier
Select from our range of tools, or attach your own.

Anytime, Anywhere
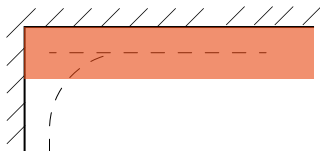Works day and night, indoors and outdoors.

No Infrastructure Required
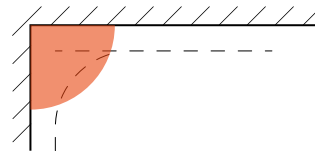ARA is ready to perform — straight out of the box.

Precision Right to the Edge
ARA levels the outside track with precision laser guidance, and pulls the sand in from the edges.

Perfect Corner Management
ARA ensures perfect results — even in the corners.

Where can you see **ARA** in action?

Check it out on one of our test farms:

- Leuchtfeuerhof in Ludwigshafen
- Rappenhof in Leonberg
- Schloßhof in Holzgerlingen

You can also find us at the following events:

- Hengstparade in Marbach (28.09.25 / 03.10.25 / 05.10.25)
- Passion Pferd in Hannover (04.- 07.12.25)

- Manufactured in Germany, priced at 40,000 Euro

Contact

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ARA

Specification Sheet —— Autonomer Reithof Assistent

Dimensions	Runtime	Weight	Incline	Speed
1200 x 1200 x 430 mm	4,5 h	350 kg	45 ° MAX	6 km/h MAX
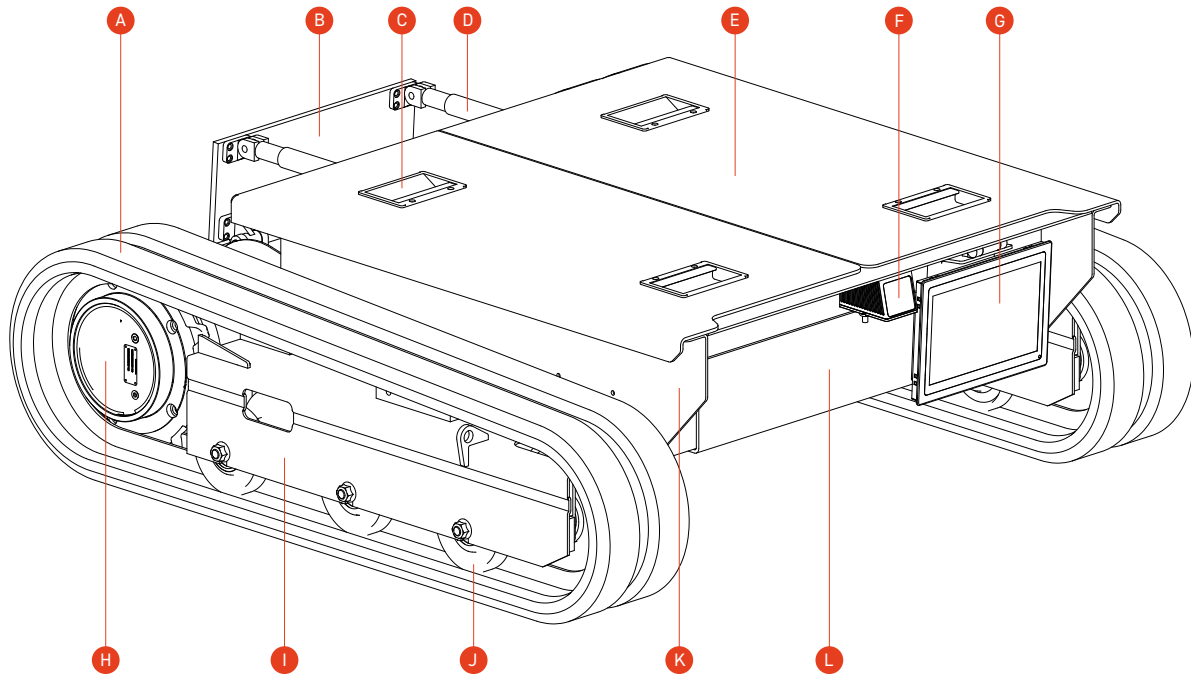
			Robustness —————————————— Built to Last
A Rubber Tracks	B Coupling Flange	C Opening Handles	Unbreakable Chassis ———— 4 mm Stainless-Steel
D Linear Actuator	E Protective Lid	F 3D LiDAR	Ultra-Robust Tracks ——— Construction-Machinery-Grade
G Control Panel	H Electric Drive	I Track Roller Bracket	Zero-Wear Motors —————— 48V Brushless-DC
J Guide Roller	K Chassis	L Battery Compartment	

Continuous Drive Power	2,64 kW
Peak Drive Power	14 kW
Continuous Output Torque	1 kNm
Peak Output Torque	2 kNm
Protection Class	IP65
Top Payload	Up to 500 kg
Towing Capacity	6 t up to 10 % slopes / up to 12 kN
Tool Lifting Load	250 kg
Battery Capacity	4,536 Wh
Battery Type	48 V Li-Ion (exchangeable)

ARA works fully autonomously

Full autonomy, with its on-board sensors and intelligent navigation algorithms.
This includes a reliable detection of its environment, i.e. people, animals and jumping obstacles for horses.

To guarantee maximum safety, make sure that the arena is clear of people and animals before use.

Software support and 8 years software updates available remotely via Wi-Fi.

Contact

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