



ANT ROBOTICS

ADIR

TUNNEL SPRAYER

Reliable mobile robot system for agricultural applications - flexible, robust and economical. The platform can be configured and expanded according to your needs.



AUTONOMOUS NAVIGATION

Can be equipped for remote control, people tracking or driving along defined routes



INDOOR / OUTDOOR

Suitable for combined indoor and outdoor use, in tunnels and greenhouses



HEAVY DUTY

Designed for continuous and reliable operation under the toughest conditions



INTRODUCTION OF **ADIR**, THE AUTONOMOUS TUNNEL SPRAYER

ADIR is very robust and strong enough for loads of over 400 kg.

ADIR has a water tank with a capacity of 150 - 200 liters and a 2-row boom with 3 or 6 nozzles per row. The sprayer can be manufactured individually from the boom depending on the position. The rack-mounted sprayer is also small and compact.

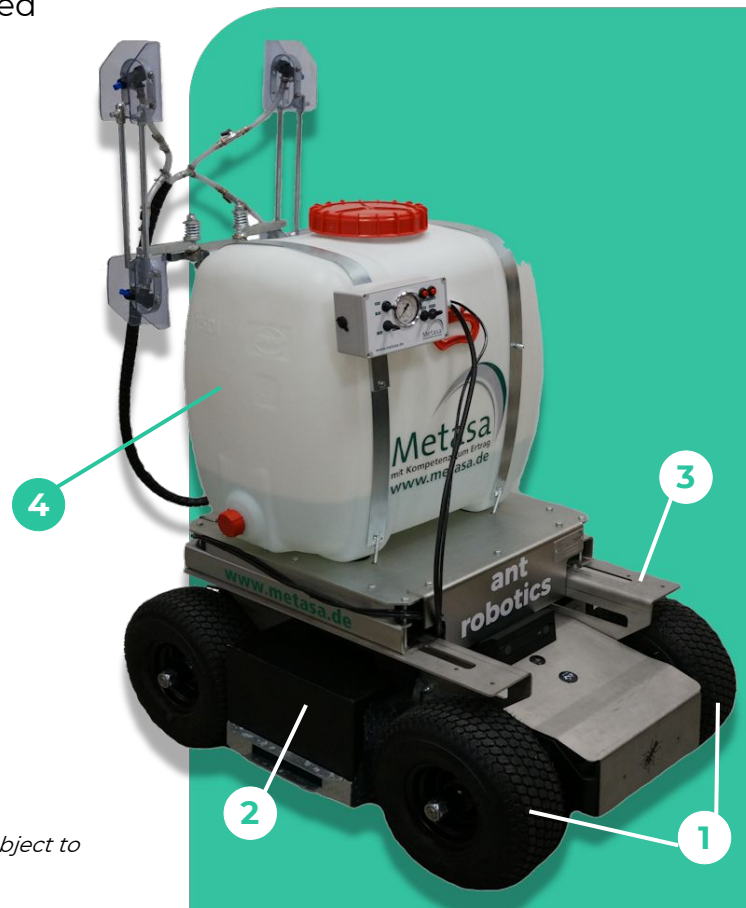
ADIR is easy to operate with the supplied user interface (GUI) and versatile in the following applications:

- Foil tunnels
- Scaffolds & racks
- Greenhouses

ADIR TECHNICAL SPECIFICATION*

- 1 4-wheel drive
- 2 48V LiFePO4 battery
- 3 Reinforced steel chassis
- 4 PSM-Sprayer from Metasa

**Specifications are for illustrative purposes only and are subject to change*



Size	1.1 m x 0.8 m x 0.4 m (L x B x H)
Weight / payload	150 kg / 400 kg
Speed	4 km/h max.
Tires	15x6.00-6 (single or double tires, various profiles)
Status messages	Battery, motor current, wheel speed, odometry, runtime status, error status, IMU
Drive	4-wheel electric drive @ 1.70 kW with interchangeable tires
Crops	Strawberries, raspberries, vegetables (e.g. tomatoes, peppers)

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