



ANT ROBOTICS

ADIR POWER

HEAVY MOBILE ROBOT PLATFORM

Reliable mobile robot system for industrial environments - flexible, heavy-duty and economical. The platform can be configured and expanded to your needs.



ROS COMPATIBLE

Can be outfitted for remote control, people following or driving along defined routes



INDOOR / OUTDOOR

Suitable for combined indoor and outdoor operations, navigation in various environments



HEAVY DUTY

Designed for continuous & reliable operation under the most severe conditions and 40% inclines



INTRODUCING ADIR POWER, THE HEAVY INDUSTRIAL ROBOT PLATFORM

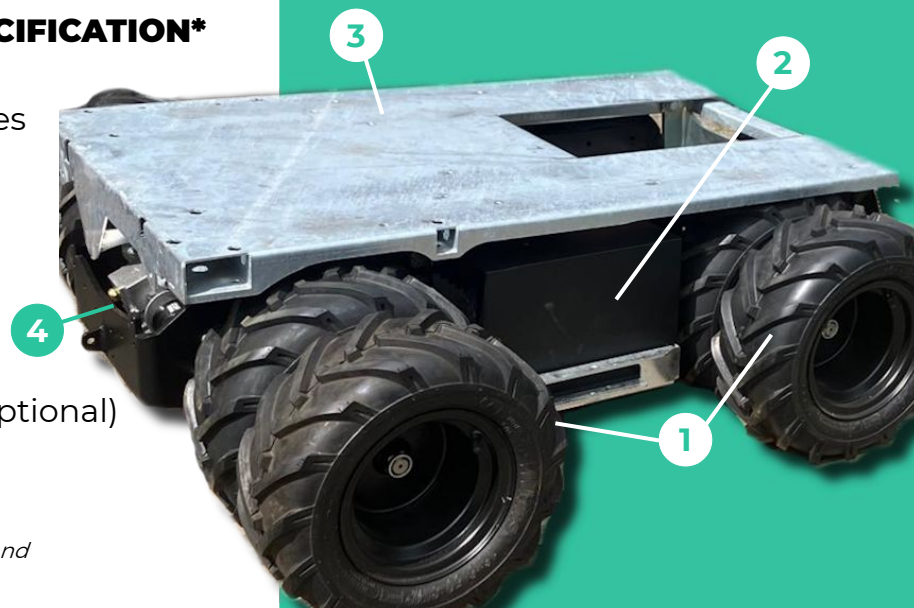
ADIR POWER has a longer wheelbase and wider tracks, which makes the machine more stable on steep terrain.

ADIR POWER is equipped with more powerful engines, several reduction options, a tipping platform and a 48V system, allowing it to work on slopes of up to 40%.

ADIR POWER can be used for transportation and maintenance tasks, e.g. in orchards and vineyards, with lane following assistant and obstacle detection.

ADIR POWER TECHNICAL SPECIFICATION*

- 1 4-wheel drive with dual tires
- 2 48V LiFePO4 battery
- 3 Tilting transport platform
- 4 Lane following assistant (optional)



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

Size	1.45 m x 1.15 m x 0.4 m (L x B x H)
Weight / Payload	150 kg / 600 kg
Speed	4 km/h max.
Accessories	Cable joystick, tilting platform (45°), lane following assistant with obstacle detection (optional)
Drivers & APIs	ROS Noetic, Gazebo
Drive	4-Wheel Electric Drive @ 1,70 kW with interchangeable dual tires
Feedback	Battery, Motor Current, Wheel Velocity, Odometry, Runtime Status, Fault Status, IMU (optional)
Communication	USB, RS232, CAN



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