



MOBOTIC



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MOBILE ROBOTIC TECHNOLOGIES

Our unique drive solutions enable you to build compact, reliable and safe Agricultural Mobile Robots and Mobile machinery.

With our extensive expertise in conventional AGV & AMR for intralogistics and automation, we offer the finest standard drive system options for your Mobile Robotic application.

Whether customization or new development is needed, we support your project from concept through development, testing to serial production.

MoboDrive STO

INTEGRATED DRIVE SYSTEMS

Highlights:

- Compact and highly integrated design
- Plug & Play (Power+Communication+Safety)
- Compliant with safety standards for mobile machinery
- Protected and robust design for outdoor use
- Integrated control electronics and encoder systems
- Compatible with standard rims/tires

Applications:

- Autonomous Mobile robots
- Agricultural Mobile machinery
- Mobile Construction & Mining equipment

Safety & Communication:

- Communication interface options: CANopen, EtherCAT, ProfiNET
- Integrated Parking & Emergency brakes
- Safety encoder interface: SSI, BiSS, Sin/Cos



Technical Specifications

	STO-1200-380	STO-1200-560
Suitable for Tire Size	8 inches	12 inches
Maximum Load Capacity	1200 kg	1200 kg
Traction Torque	Up to 320 Nm	Up to 500 Nm
Traction Speed	Up to 25 km/h	Up to 40 km/h
Steering Torque	250 Nm	250 Nm
Supply voltage	24-60 V	24-60 V

Right partner for Mobile Robotic manufacturers of any size

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