

MoboDrive ST0

INTEGRATED DRIVE SYSTEMS for Outdoor Mobile Robots and Machinery

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.

Available with a controller for multi-wheel configuration

MoboDrive STO

INTEGRATED DRIVE SYSTEMS for OUTDOOR

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

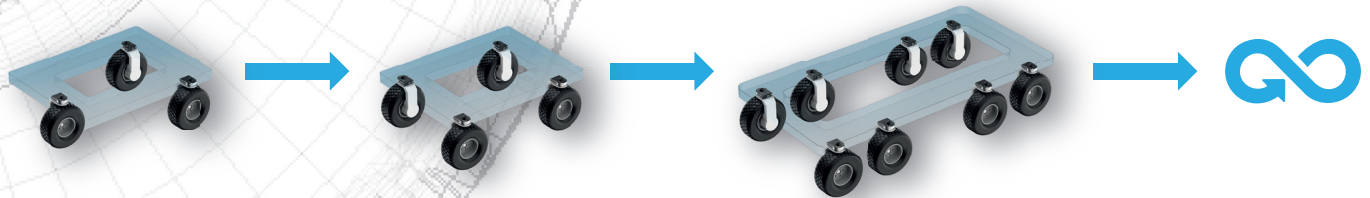
Safety & Communication:

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

Tire profile for any application (up to 26")



Load scalable with number of wheels from 100kg to infinity



Technical Specifications	STO-1200-380	STO-1200-560	STO-1200-700
Rim size	380 x 130 mm	560 x 160 mm	700 x 130 mm
Maximum Load Capacity	1200 kg	1200 kg	1200 kg
Traction Torque	Up to 320 Nm	Up to 500 Nm	Up to 500 Nm
Traction Speed	Up to 25 km/h	Up to 40 km/h	Up to 45 km/h
Steering Torque	250 Nm	250 Nm	470 Nm
Supply voltage	24-60 V	24-60 V	24-60 V

Right partner for Mobile Robotic manufacturers of any size