



TRACTOR LINE

TriBOT 5000

TriBOT 5000

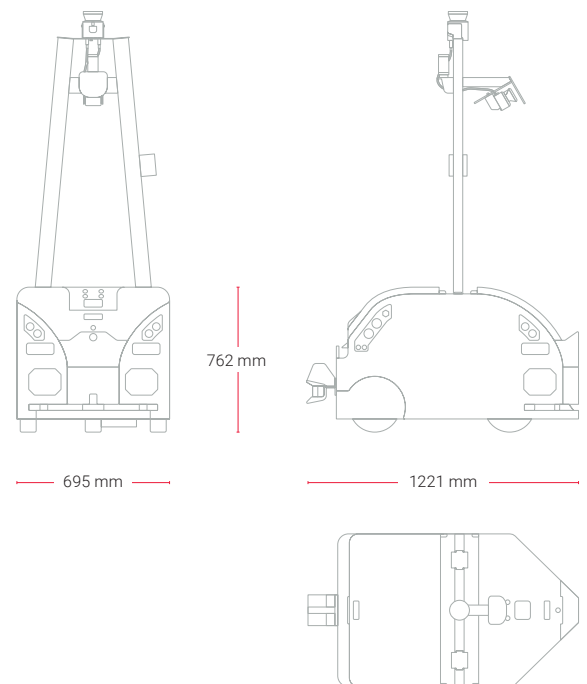
Maximize your productivity by automating the transportation of your goods up to 5 Tn.

With minimum dimensions, large capacity and great manoeuvrability, TriBOT 5000 is a strong, easy, safe and flexible solution for horizontal heavy load transportation and order picking over long distances.

- **STRONG:** High towing capacity in high performance use.
- **EASY:** Easy to set up, user-friendly interface and simplified maintenance.
- **SAFE:** Our AGVs are fully safety equipped.
- **FLEXIBLE:** Multiple navigation systems, magnetic or SLAM. Easy configurable routes.



Towing capacity	3200 N
Maximum payload	5000 kg
Dimensions (LxWxH)	1221 x 695 x 762 mm
Movement	Unidirectional
Navigation system	Magnetic + RFID tags SLAM-Natural with predefined virtual path (optional)
Speed range	From 0.035 to 2 m/s*
Turning radius (without trolley)	1150 mm
Slope	Up to 2%
Positioning accuracy	Up to ± 10 mm
Manual movement	Control pad Wired remote control Clutch system (external tool - optional)
Battery	Li-Ion 24 V 120 Ah
Charging system	Online charging system (brushes) External charger
Environment	Indoor
Safety systems	1 x Safety PLC 1 x Safety curtain laser** 1 x Safety Laser for indoor environment 4 x Emergency stop button
Optional elements	M2M module + Connected Services External charger Bluespot, beacon & flashing light
Fleet management system	SIGAT MultiAGV
Communication	WiFi Radio frequency system M2M
Connectivity	2 x USB, Ethernet, IoT Through IT: ERP, MRP, MES, DDBB interface Industrial connectivity: OPC, wired connection


ASTI

*Depends on navigation technology

**Not included in basic model

www.astimobilerobotics.com