

ELECTRIC TOW TRACTOR

TECHNICAL DATA

X-MOTION NG-T solution is aimed to an automation of horizontal cargo movements. Electrical tow tractor equipped with RoboCV AUTOPILOT system are targeted to work fast and safely in high traffic alongside humans.

- Situational interaction with nearby machinery
- Easy implementation and setup
- Simple documented API for integration with WMS
- User-friendly management interface of logistics tasks
- Minimum changes in regulations for warehouse staff
- Cost reduction



Dimensions	1600 x 800 x 2200 mm
Overall weight	1220 kg
Trailing load	4000 kg
Max. speed (laden)	7,5 km/h
Max. speed (unladen)	12 km/h
Min. road width for max. speed dial	2900 mm*
Min. road width for turn	2900 mm*
Positioning accuracy	70 mm
Power supply	Li-ion / lead-acid battery
Battery charging	Opportunity charging, battery swap
Operation mode	Automatic / manual
Navigation	LiDAR, odometry, non-infrastructure navigation
Operating time	24/7

*depends on the size of cargo trolley

Safety system:

- Certified independent system of 1 programmable LiDAR
- Low objects detection using 3D camera
- Flashing lights
- Sound signals