

# ELECTRIC FORKLIFT

## TECHNICAL DATA

X-MOTION NG-P solution is aimed to an automation of all typical horizontal pallets movements. Electrical forklifts equipped with RoboCV X-MOTION NG-P system are targeted to work fast and safely in high traffic alongside humans.

- Situational interaction with nearby machinery
- Fast implementation and easy 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	2100 x 1100 x 3000 mm
Overall weight	1200 kg
Payload	1400 kg
Speed	1,67 m/s
Min. road width for max. speed dial	1800 mm
Min. road width for turn	2900 mm
Positioning accuracy	30 mm
Pallet's position requirement	± 200 mm, ± 15 degrees
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

### Safety system:

- Certified independent system of 2 programmable LiDAR
- Low objects detection using 3D camera
- Safety sensor under the forks
- Turn signals
- Flashing light
- Sound signals
- Cargo control during transportation



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