

MEET GOPAL

Our **GoPal** solution set new standards for flexibility and safety in robotization of internal pallet transport



Our GoPal autonomous mobile robots can be onboarded in a few days and requires almost no site adaptation or hand-holding. You get all the benefits of automation – and none of the hassle

TECHNICAL DATA

GOPAL E24W

APPLICATION

Autonomous transportation robots intended for broader possible variety of pallet formats with medium to heavy weight payload.

DIMENSIONS

| | |
|-------------------------|----------------------|
| Length x Width x Height | 1400 x 1060 x 340 mm |
| Robot weight | 215 kg |

PERFORMANCE

| | |
|----------------|-----------------------------|
| Battery time | 6-14 hours or 20 km |
| Maximum speed | 2 m/s (7.2 km/h) |
| Turning radius | 1050 mm (from robot center) |

SAFETY

Laser scanners with 360° protection
4 x emergency stop buttons
Mechanical bumper with 360° protection

ADDITIONAL OBSTACLE AVOIDANCE SENSORS

3 x 3D camera. Two in the front and one in the back of the robot

ELECTRICAL

| | |
|---------------------|----------------------|
| Battery | LiFePO4, 48 V |
| Battery charge time | 45 min (full charge) |
| Number of charges | About 5000 charges |

CHARGER INTERFACE

Automatic docking interface in front of the robot
Connector in back of the robot for manually charging

TECHNICAL DATA

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WIFI CONNECTION

WiFi 802.11ac

ENVIRONMENTAL

Operating temperature -10°C – 45 °C
Humidity max. 95% non-condensing

FLOOR REQUIREMENTS

Slope average (max) 5%
Friction coefficient (min) 0.6
Maximum height of obstacles 3 mm

LOAD

Maximum payload 1200 kg
Length (max) 1240 mm
Width (max) 1000 mm
Height (max) 2400 mm

PALLET TYPES

Standard EUR pallets / Standard 1/2 EUR pallets / Industrial EUR Pallets
Others on inquiry

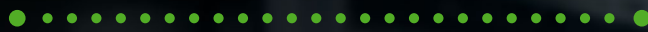
PALLET CONDITION

Undamaged, original strength maintained (grade A or B)

RECOMMENDED LANE CONDITIONS

Operational lane width 220 cm
High speed lane width 320 cm

robotize



Robotize is advanced internal
logistics made safe and simple