MEET GOPAL

Our GoPal solution set new standards for flexibility and safety in automatisation 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 E24

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 860 x 315 mm Robot weight 187 kg

PERFORMANCE

Battery time	6-10 hours or ~15 km depending on load conditions
Maximum speed	2 m/s (7.2 km/h)
Turning radius	850 mm (from robot center)

SAFETY

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

ADDITIONAL OBSTACLE AVOIDANCE SENSORS

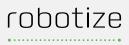
3 x 3D camera. Two in the front and one in the back of the robot

ELECTRICAL

Battery	LiFePO4, 48 V
Battery charge time	45 min (full charge)
Number of charges	About 5.000 charges

CHARGER INTERFACE

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



TECHNICAL DATA GOPAL E24

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WiFi	802.11ac
ENVIRONMENTAL	
Operating temperature	-10°C – 45°C
Humidity	max. 95% non-condensing
FLOOR REQUIREMEN	TS
Slope average (max)	10%
Friction coefficient (min)	0.6
Maximum height of obstacles	4 mm
LOAD	
NA	4000

Maximum payload	1000 kg
Length (max)	1240 mm
Width (max)	800 mm
Height (max)	2400 mm

PALLET TYPES

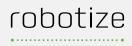
Standard EUR pallets / Standard ¹/₂ EUR pallets Others on inquiry

PALLET CONDITION

Undamaged, original strength maintained (grade A or B)

RECOMMENDED LANE CONDITIONS

Operational lane width	200 cm
High speed lane width	300 cm



robotize

Robotize is advanced internal logistics made safe and simple.