

# MEET GOPAL

Our **GoPal** solution set new standards for flexibility and safety in automation 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 400

---

### APPLICATION

Autonomous transportation robot tailor-made for standard EUR pallets with low to medium weight payload.

---

### DIMENSIONS

Length x Width x Height	1400 x 860 x 315 mm
Robot weight	175 kg

---

### PERFORMANCE

Battery time	10-14 hours or ~20 km depending on load conditions
Maximum speed	2,4 m/s (8,6 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 400

---

### WIFI CONNECTION

WiFi 802.11ac

---

### ENVIRONMENTAL

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

---

### FLOOR REQUIREMENTS

Slope average (max) 10%  
Friction coefficient (min) 0.6  
Maximum height of obstacles 4 mm

---

### LOAD

Maximum payload 425 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)

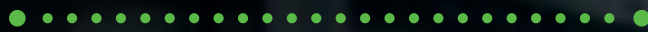
---

### RECOMMENDED LANE CONDITIONS

Operational lane width 200 cm  
High speed lane width 300 cm

---

# robotize



Robotize is advanced internal  
logistics made safe and simple.