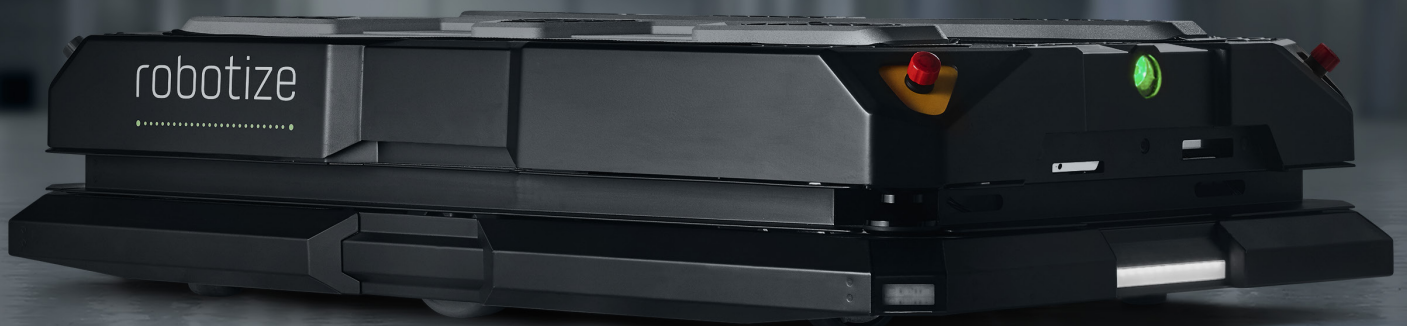


GoPal® E24

The **GoPal** AMR solution from Robotize sets new standards for versatility, efficiency and safety in automated internal pallet transport



Technical Specifications

GoPal E22 / **GoPal E24** / GoPal E24W / GoPal U24W

TECHNICAL SPECIFICATIONS

GoPal® E24

APPLICATION

Autonomous Mobile Robot (AMR) for automatically picking up, transporting and delivering standard Euro-pallets/half Euro-pallets with medium-to-heavy payload (max. 1000 kg).

DIMENSIONS

Length x Width x Height	1400 x 860 x 340 mm
Mass	187 kg

PERFORMANCE

Battery time (autonomy)	6-14 hours or 20 km*
Maximum speed	2,2 m/s (7,9 km/h)*
Turning radius (from robot centre)	950 mm

SAFETY

- Laser scanners (360° protection)
- Mechanical bumper (360° protection)
- 4 x emergency stop buttons

ADDITIONAL OBSTACLE AVOIDANCE SENSORS

3 x 3D cameras (two front facing and one rear facing)

BATTERY

Type / Voltage	LiFePO ₄ / 48 V
Charge time	45 minutes (full charge)
Number of charges	About 5000

CHARGER INTERFACE

- Automatic docking interface (at robot front)
- Connector for manually charging (at robot rear)

**depending on load conditions.*

Due to a policy of continued product development Robotize reserves the right to alter or amend any specification without notice.

TECHNICAL SPECIFICATIONS

GoPal® E24

COMMUNICATION

Wi-Fi	802.11ac
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ENVIRONMENTAL

Operating temperature	-10°C to +45 °C
Humidity (max.)	95 % (non-condensing)

FLOOR REQUIREMENTS

Slope average (max.)	Near-level (2 %)
Friction coefficient (min.)	0.60
Edge height (max.)	4 mm

LOAD

Payload (max.)	1000 kg
Length (max.)	1240 mm
Width (max.)	820 mm
Height (max.)	2400 mm*

PALLET TYPES

Standard Euro-pallets and Standard half Euro-pallets. Others on inquiry.

PALLET CONDITION

Undamaged, original strength maintained (grade A or B)

LANE CONDITIONS

Minimum lane width	1200 mm
Recommended lane width	2100 mm
High speed lane width	2800 mm

**depending on load conditions.*

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