

GoPal® E24

The **GoPal** AMR solution from Robotize sets new standards for versatility, efficiency and safety in automated material transportation



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	2,4 m/s (8,6 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)



TECHNICAL SPECIFICATIONS

GoPal® E24

COMMUNICATION

Wi-Fi	802.11ac
-------	----------

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.

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



robotize
.....

Robotize official partner



www.hkkgroup.pl

robotize



Advanced internal logistics
made safe and simple

www.robotize.com