Ginnee Intelligent | Robot System

Mobile Robot Series



G400K Latent Lifting AGV

400kg Compact | Flexible Pallet Transport

The G400K is a compact latent lifting AGV engineered by JinLi Intelligent for smart warehousing and light-to-medium intralogistics. With differential drive and dual-mode navigation (QR code / Laser SLAM), it autonomously travels under pallets, lifts up to 400kg, and delivers agile, reliable and automated material transport in tight aisles.

Key Features

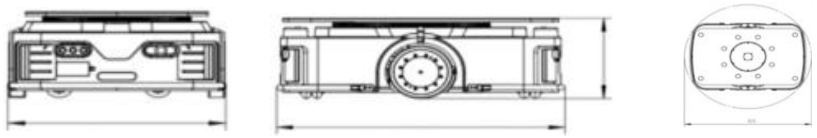
- **Dual-Mode Navigation**
  QR code / Laser SLAM, flexible deployment
- **Compact Footprint**
  740×520mm body, ideal for narrow aisles
- **Differential Drive**
  In-situ 360° rotation, agile maneuvering
- **High Precision Control**
  ±10mm position, ±1° angular accuracy
- **Long Battery Life**
  8h runtime, 1.5h fast charging, auto-recharge
- **Dual LiDAR Safety**
  Front/rear 270° scanners + bumper + e-stop
- **Fleet Management**
  WiFi/5G, multi-robot fleet dispatch
- **Cost-Effective Solution**
  Affordable automation for SMEs

Specifications

Item	Value
Rated Payload	400 kg
Dimensions (L×W×H)	740 × 520 × 250 mm
Rotation Diameter	810 mm
Lifting Height	20 mm
Drive System	Differential Drive
Navigation	QR Code / Laser SLAM
Rated Speed	2 m/s
Position Accuracy	±10 mm
Angular Accuracy	±1°
Battery Life	8 h
Charging Time	1.5 h

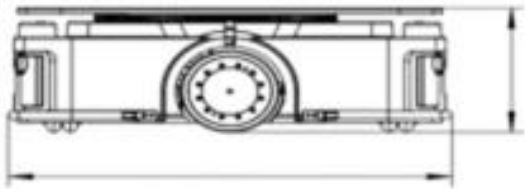
Dimensions

Unit: mm



L: 740
W: 520
H: 250

Charging Position



Shenzhen Ginnee Intellegent Warehousing Robotics Co.,Ltd.

www.ginneerobotics.com