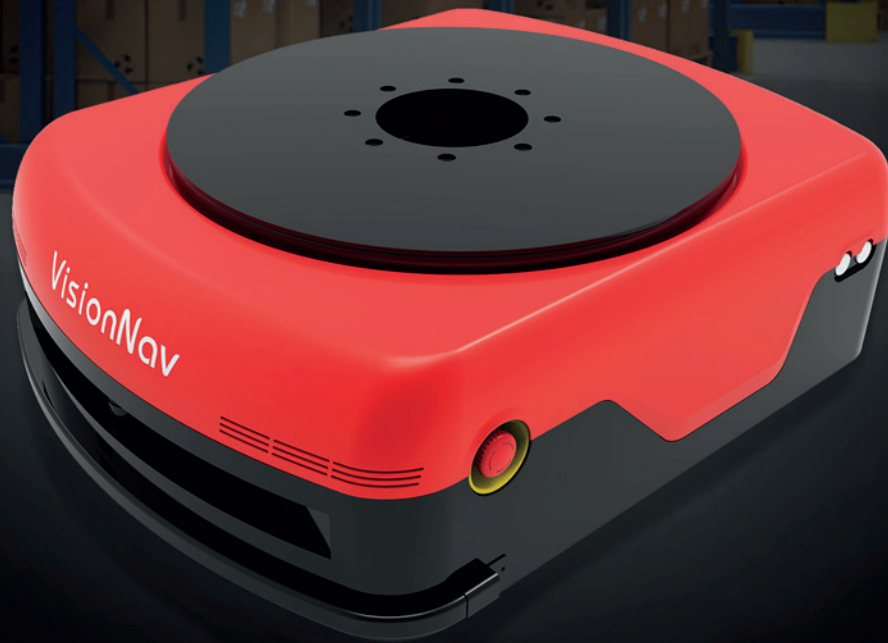


VNK05(L)-10

Latent Jacking Robot

Slam navigation + Large-scale cluster control + High load jacking and handling.



Rapid and easy deployment



Jacking and handling



High-precision operation



Flexible and efficient



Cluster dispatching



Multiple layers of safety



Sensor-fusion navigation



Strong expansibility

AUTOMATE YOUR INTRALOGISTICS



Fundamental Technical Parameters

Product Model	VNK05(L)-10 (A)
Dimensions(Inch)	860x680x310mm (33.86x26.78x12.20in)
Weight	200kg (440.92lb)
Payload	500kg (1102.31lb)
Lift Height	60mm (2.36in)
Driving Speed	≤1.7m/s (≤3.80mph)
Positioning Accuracy	±10mm/1° (±0.39in/1°)
Navigation Type	Lidar Obstacle Avoidance
Driving method	Two-wheel differential drive
Maximum Step Height	5mm (0.20in)
Maximum Groove Width	30mm (1.18in)
Turning Diameter	990mm (38.98in)
Navigation Type	SLIAM + Inertial Navigation
Communication	WIFI / 5G
Working Temperature	0-45°C
Working Humidity	≤90%RH
Ground Flatness	≤5mm/m ² (≤0.20in/m ²)
Max incline (H/L)	5%
Safety Protection	Traffic Control, Radar Obstacle Avoidance, Sakady safety rim
Warning Method	Light + Sound
Battery Type	LiFePO4 (48V40AH)
Battery Life	≥8h
Charging Mode	Manual Charging/ Automatic Charging

* Due to improvements, the specifications and parameters may be changed without notice. Please consult the sales staff for details.

Product Drawing

