

TECHNICAL DATASHEET

RI RILOG2000195-OUT Outdoor Handling Logistic Robot

Outdoor Pallet Truck Robot - Payload: up to 2,000 kg - Lifting height: 195 mm



Outdoor-ready autonomous pallet handling

Purpose-built for outdoor pallet transport, the RI RILOG2000195-OUT combines IP65 protection with 3D LiDAR + GPS + IMU navigation for industrial yards and semi-exposed logistics areas. It handles payloads up to 2,000 kg at speeds up to 1.0 m/s.

Up to 2,000 kg

PAYLOAD

195 mm

LIFTING HEIGHT

IP65

OUTDOOR PROTECTION

**3D LiDAR + GPS
+ IMU**

NAVIGATION SYSTEM

DIMENSIONS & HANDLING

Dimensions (L x W x H)	1,555 x 935 x 1,990 mm	Total weight	760 kg
Fork size (L/W/T)	1,150 / 170 / 60 mm	Load center	600 mm
Turning radius	1,565 mm	Chassis ground clearance	30 mm
Payload	2,000 kg	Lifting height	195 mm

OUTDOOR PERFORMANCE & NAVIGATION

Navigation system	3D LiDAR + GPS system + IMU	IP specification	IP65
Operating speed	1.0 m/s	Repeatability / angle accuracy	±15 mm / ±1°
Drive type	Single Steering Wheel	Gradeability (load/unload)	5% / 5%
Wading depth	50 mm	Service brake	Electromagnetic

POWER & DRIVE

Battery voltage / capacity	24 V / 60 Ah	Battery type	Lithium-ion
Battery weight	23 kg	Drive / lift motor	1.0 kW AC / 0.8 kW DC
Lift speed (load/unload)	35 / 35 mm/s	Steering system	All-electric servo