



# PTK1000

## Technical Specifications

# TECHNICAL SPECIFICATIONS

## SPEED AND PERFORMANCE

Maximum Total Payload	1000 kg
Maximum Speed	1.5 m/sn
Turning Radius	0°
Accuracy	X,Y ± 25 mm

## SIZE AND WEIGHT

Dimensions	2100 mm x 1350 mm x 450 mm
Base Weight	400 kg

## BATTERY AND POWER SYSTEM

Nominal Battery Voltage	25.6 V Li-Ion
Battery Capacity	200 Ah
Charge Time	3 hours
Nominal Run Time	10 hours

### Managed Battery Charging

24/7 continuous operation with 85% individual vehicle uptime is achieved with automated and brief visits to the PTK charger at opportune times without human intervention. Battery charge levels are intelligently managed by the PTK Fleet Manager

## INTERFACING AND COMMUNICATION

Attachments and Accessories	Conveyor, PTK Charger, Portable Manuel Charger, Industrial Joystick
Communication	Wifi (802.11 a/b/g/n, 2.4 Ghz, 5 Ghz), Local Network
Attachment Control System Power	24VDC 15A, regulated, unswitched
Attachment Supply Power	24V DC nominal 50A, Unregulated battery power, switched with safety circuit
Custom Attachment Interface	1x Ethernet, 1x USB 3.0, 1 CAN bus, 2 general purpose inputs and outputs, 1 payload attachment control line, 1 payload attachment fault line, dual channel emergency stop breakout
Safety Features	Front and rear safety-rated LIDAR sensors, 4 emergency stop buttons, 2 safety cameras

## ENVIRONMENTAL

Operating Ambient Temperature	-20°C to 50°C
Storage Temperature	-30°C to 50°C
IP Rating	IP 54