



With a carrying capacity of 100 kg and compact size, it is suitable for use in small spaces. It particularly facilitates material handling in tight areas and congested zones, leading to labor and time savings. Moreover, its fully automatic operation minimizes human errors and enhances workplace safety.



# PX MOVER 100

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## SPECIFICATIONS

### General Specifications

Maximum Payload	100 kg
Maximum Speed	1.5 m/s
Positional Accuracy	± 50 mm linear, 3° angular
Dimensions	950x650x300 mm
Weight	100 kg
Minimum Turning Radius	0 mm

### Battery System

Battery	24 V – 40 Ah Lithium – Ion
Battery Run Time	6 hours
Battery Charging Current	25 A (max)
Charging Methods	Manual charging or automatic charging configurable with central fleet management system

### Safety & Control

Sensory System	2 x Pilz PSENscan safety rated laser scanner, 2 x Intel Realsense D435 Depth camera 2 x Drive Wheel Encoder Inertial Measurement Unit
Communication	WiFi (IEEE 802.11a/b/g/n compatible)
Emergency Stop	2 x Emergency Stop Button
Management of Safety and Auxiliary Modules	Pilz PNOZ mm0p safety relay

### Input/Output

8 x Digital Input & 8 x Digital Output (For Extra Module Control)
4 x USB Input (Input for Peripheral Units)

### Configuration

Dockable Carts
Lift with Linear Actuator
Top Conveyor Module