MOVING THE WORLD INTELLIGENTLY

CONVEYOR LOGISTICS
Empowered by **Geek+**

Geekplus Pallet-to-Person Solution

Operational Flexibility

· Support B2B and B2C operations with the same solution
· Bulk reserve storage on pallets, order picking for pieces and cases

High-Density Storage

· >35% more storage density compared to traditional AS/RS
· 5-8x higher storage capacity than traditional picking solutions*

One-stop Integrated Solution

· The Integrated Robot Management System dispatches multiple robots
· Add robots as you grow; the system can support thousands of robots concurrently

The Geekplus Pallet-to-Person solution is an innovative, multilevel storage and retrieval system integrated with upper-level storage and ground-level picking technology. The solution increases warehouse throughput, storage capacity, operational flexibility, and can integrate with intelligent equipment (unstacking machine, automatic wrapper or packer, robotic arm, etc.) to realize an unmanned smart warehouse.

Applications: B2B and B2C operations that demand high picking efficiency and storage capacity working with whole pallets, original containers, and picking of small, medium, and large items.
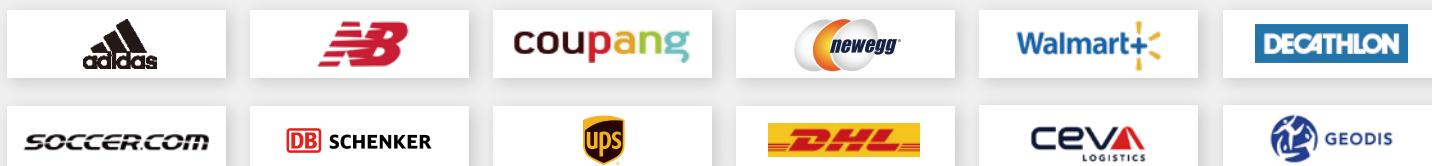**Applicable Industries:** Retail, 3PL, FMCG, Pharmaceuticals, Automotive

X1200

X-series robots work within the racks, running on a track to complete inbound/outbound tasks. Their narrow body design saves up to 60% aisle space compared to a traditional forklift.

Model	X1200	P800R V6
Dimensions(L*W*H)	1090*1030*160 mm	1095*830*195 mm
Power Supply	Battery	Battery
Maximum Payload	1200 kg	1000 kg
Payload Size(L*W*H)	1200*1000*1800 mm	1020*1020 mm~1250*1250 mm
Driving Mode	Motor	Two-wheel differential drive
Speed	1.5 m/s no load, 1.0 m/s fully loaded	2.3 m/s no load, 2 m/s fully loaded
Positional Accuracy	±2 mm	<±10 mm
Running Time	Can run for 2-3 hours on a 10-minute charge	Can run for 2 hours on a 10-minute charge
Security	Laser obstacle detection, goods inspection, derailment prevention, etc.	Obstacle detection
Breaking Mode	Off-current breaking (servo)	Drive motor breaking
Control Mode	Automatic control, manual control	Automatic control, manual control
Navigation	RFID + location pieces	QR code
Working Temperature	32~113 °F	14~113 °F

Trusted by Customers

*Details provided about the properties and usability of the products are purely for information purposes and do not constitute a guarantee of these characteristics. The extent of goods delivered is determined by the subject matter of the specific contract. No liability accepted for errors or omissions subject to technical alternations and product availabilities in territories.

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