F Series	F20MT
Navigation Modes	Laser SLAM
Payload	2000kg
Speed	Max 1.5m/s
Turning Radius	≥800mm
Positioning Accuracy	±10mm ±1°
Lift Height	120mm
Battery	Lithium-ion battery, 24V/150Ah
Safety Solution	CE&UKCA 360° LiDAR/3D Vision Camera/ Safety Bumpers/ Photoelectric Sensors
Cetification	CE&UKCA

Multi-Terminal Compatibility

PDA

Rugged Handheld Terminal + **Laser** barcode scanning + **Lightweight & flexible**

Tablet Terminal

Real-time task display + **10-min** quick setup + **10"** touchscreen

Wireless Button

Fixed station calling + **LED** task status indicator + **One-trigger** operation

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Trusted Choice of Industry Leaders

Visteon: A Global Leader in Automotive Cockpit Electronics & Electrification Solutions `Manufacturing`

Geekplus Solution

3*M200C

Customer Value

- **2-Week Rapid Deployment** – Reduces 3 FTEs (material handlers)
- **6-Month ROI** – Fastest payback in class
- **Cleanroom-Ready** – Fully compatible with air shower environments

A Leading Global Express Logistics Provider `Logistics`

Geekplus Solution

8*M200C

Customer Value

- **2-Week Deployment** – Rapid implementation
- **2x Productivity** – Double workforce efficiency
- **99.99% Accuracy** – Ultra-precise operation
- **6-Month ROI** – Fast investment recovery

CUSTOMER RECOGNITION

E-commerce	JD.COM 京东	BicCamera	SUNING 苏宁	e STORE LOGISTICS
Retail	TESCO	TJX	Unilever	watsons
Automotive	GEELY	BMW	HYUNDAI	TOYOTA
3PL	SF DHL	NEX NIPPON EXPRESS	DB SCHENKER	ups
Apparel	DECATHLON	adidas	next	SKECHERS
New Energy	CALB	EVE 亿纬锂能	GanfengLithium 赣锋锂业	LG新能源
Pharmaceutical	国药集团 SINOPHARM	九州通	Johnson&Johnson	BAYER
Manufacturing	SAMSUNG ELECTRONICS	BOSCH	MITSUBISHI	SIEMENS
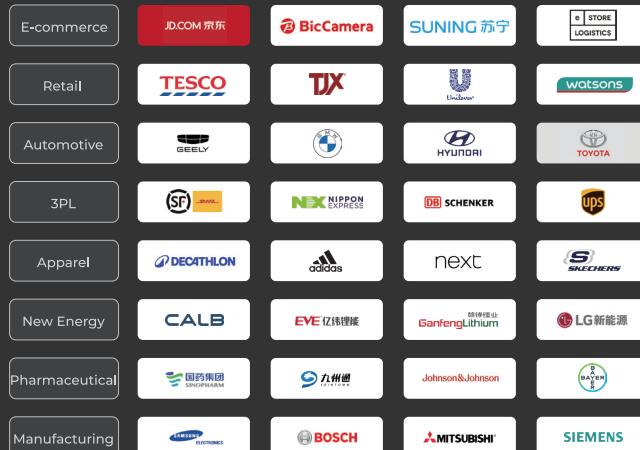
Geekplus

InstaMove

Material Handling Solution

Long deployment cycles delaying production?
1 Day Fast Deployment

Struggling with high maintenance complexity?
24/7 Seamless Operation

Wasting time and effort on manual handling?
2-3x Efficiency Boost.

Blowing your budget on automation upgrade?
1.5 Year High ROI
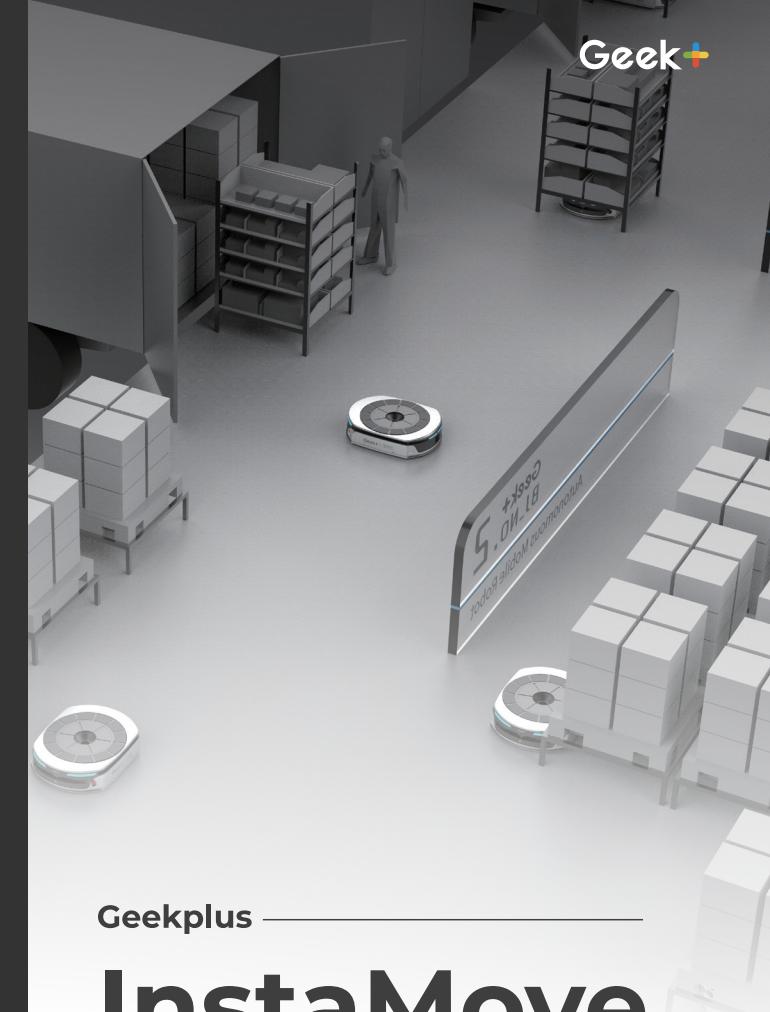
Geekplus
InstaMove Material Handling Solution

InstaMove is an efficient point-to-point flexible material handling solution designed for small-to-medium scale intelligent transportation scenarios, supporting robot fleets of up to 10 units for both point-to-point and fixed-node operations.

Through streamlined system configuration and optimized deployment cycles, InstaMove delivers a cost-effective automation solution that enables flexible, high-efficiency intelligent transportation, helping customers maximize automation benefits with optimal investment.

Solution Highlights

1 Day
Rapid Deployment
- Lightning-fast deployment adapts to your business in real time.
- Pre-built templates handle 90% of routine scenarios instantly.

24/7
Seamless Operation
- Real-time visual alerts for instant troubleshooting.
- Drag-and-drop simplicity lets customers self-manage effortlessly.

2-3x
Efficiency Boost
- 2-3x more efficient than manual handling
- Adapts flexibly to diverse operational needs

1.5 Year
High ROI
- Lower upfront costs, minimal investment barriers
- Achieve full ROI within 1.5 years with rapid deployment & lean operations

Solution Components

Robot → M Series Robot or F Series Forklift or P Series Robot

System → GMS Lite + RMS Lite + IPC

DTE & Network → DTE + Network Equipment
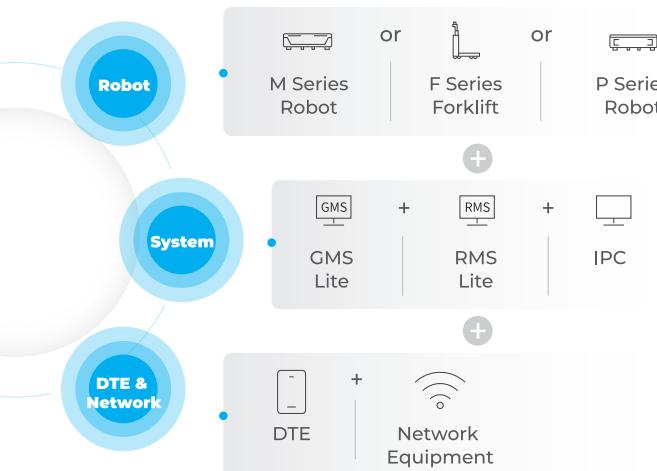
Lightweight & Flexible
– Ideal for Small-to-medium Projects

InstaMove solution is designed for point-to-point or fixed-node material handling in robotic clusters of up to 10 units.

Warehouse Logistics
LOGISTICS

- Return Quality Inspection: Automatically transport returned items to QC & repackaging workstations.
- Packaging Material Delivery: Timely supply of packaging materials to designated packing stations.
- Small-Batch Order Picking: Efficiently move order items to packing/sorting zones

Manufacturing
MANUFACTURING

- Raw Material Inspection: Transport pre-sorted materials to quality control stations.
- High-Frequency Material Delivery: Small-batch, just-in□time distribution of production materials.
- Sample Transport: Automated delivery of samples to testing laboratories.
- WIP (Work-in-Progress) Handling: Efficient movement of semi-finished goods between production stations.
- Tool Distribution: On-demand delivery of tools to assembly/production lines.

Multi-Model Adaptability
- Flexible Scenario Switching

M Series	M200C	MP600R	MP1000R	MP1500R
Navigation Modes	SLAM+QR Code+Vision Assistance			
Payload	300kg	600kg	1000kg	1500kg
Compatible Rack Dimensions	720*720 ~ 1100*1100mm	850*850 ~ 1500x1500 mm	1020*1020 ~ 1800x1800 mm	1250*1250 ~ 2500*2500 mm
Dimension L*W*H	760*520*313mm	950*650*250mm	1090*830*250mm	1325*1020*250mm
Speed	Unload 1.5m/s Full-load 1.5m/s	Unload 2.0m/s, Full-load 1.5m/s		
Run Time	10-Minute Charging for 2 Hour Operation			
Certification	CE\ETL\PId			

P Series	P500	P800	P1200
Navigation Modes	QR code		
Payload	600kg	1000kg	1200kg
Compatible Rack Dimensions	880*880 ~ 1020x1020 mm	1020*1020 ~ 1250x1250 mm	1250*1250 ~ 1600*1600 mm
Dimension L*W*H	950*702*275mm	1090*830*195mm	1325*1020*275mm
Speed	Unload 2.0m/s Full-load 1.5m/s	Unload 2.3m/s Full-load 2.0m/s	Unload 2.6m/s Full-load 2.2m/s
Run Time	10-Minute Charging for 2 Hour Operation		
Certification	CE\ETL		

Rapid Deployment
- Get Started in Minutes

IPC
(Environmentally Adaptive) (Low Power)
(High Stability) (Easy Maintenance)

IPC	
CPU	i5-10500E
Memory	32G
Hard Disk	1T SSD
Core/Thread number	6/12
Temperature	-10~ 50 °C (w/ industrial wide-temp SSD, 0.7m/s air flow)
Chipset	W480E/H420E *G6400E/G5900E CPU supported by H420E only.
BIOS	AMI SPI Flash 256Mb for W480E SKU, 128Mb for H420E SKU