

True Partner
Technology

Product Catalog



www.truepartnertechnology.com

True Partner Technology delivers mobile robot solutions in the Benelux (Belgium, Netherlands, Luxembourg) markets, as well as a number of Asian markets (Hong Kong, Singapore, Malaysia, Thailand, Indonesia, Philippines).

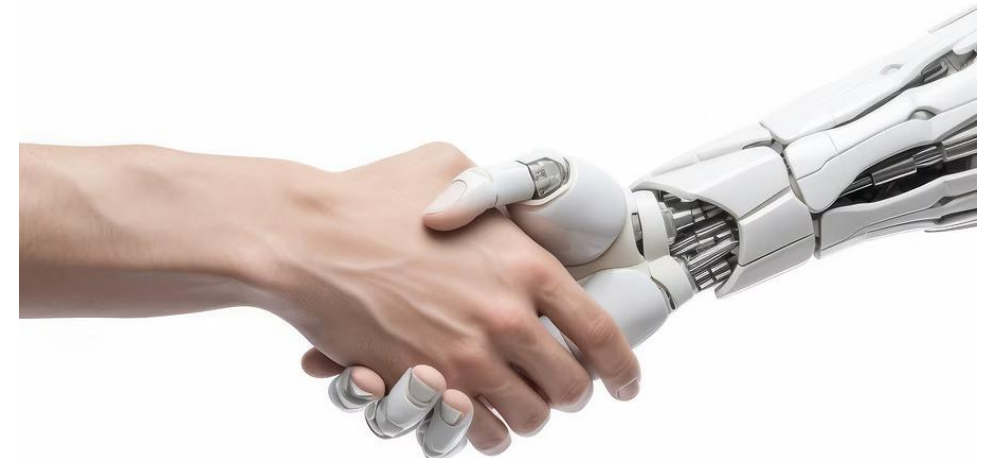
We partner with Chinese manufacturers of high-quality autonomous systems and combine their proven hardware with a locally-based service layer built on local infrastructure. This means you gain the benefits of world-class robotics without the usual complexity.

The 4 True Partner Technology Advantages

- Operational focus, not technology focus
- Data Governance & Local Compliance
- Local support and partnership
- Proven manufacturing, local service

We Deliver, Robotics solutions for

- Smart Logistics & Warehouse Automation
- Hotel & Hospitality Operations
- Food & Beverage Operations
- Retail & Store Operations



True Partner Technology (TPT) Robot Portfolio

W3s

Food delivery

Restaurants, hotels, hospitals



X3

Reception

Lobbies, offices, clinics



C3

Cleaning

Retail, healthcare, hotels



S2

Security

Warehouses, malls, factories



D Series

Delivery AMRs

Factory intralogistics



L Series

Lifting AMRs

Shelf lifting, line feeding



S Series

Sub-lift AMRs

Low-profile warehouse automation



F Series

Smart Forklift

Pallet transport, line-side handling





TPT Robot W3s

Food delivery robot for restaurants, hotels, cafés, hospitals, and service-intensive indoor venues.

- Autonomous indoor navigation with real-time path planning.
- Delivery, return-tray, and cruise modes for flexible service workflows.
- Obstacle avoidance with multi-sensor fusion for busy aisles.
- Single-point and multi-point delivery plus multilingual voice broadcast.
- Automatic return-to-charge after task completion.

Restaurants

Hotels

Hospitals

Supermarkets



Size	50 × 50 × 130 cm
Payload	40 kg (10 kg/layer)
Tray quantity	4 layers
Moving speed	0.7 m/s
Battery	12,800 mAh
Runtime	8–10 h
Charge time	4–5 h
Auto charging	Supported

TPT Robot S2

Autonomous security and patrol robot for smart surveillance and early-warning use cases.

- 24-hour patrol capability across preset indoor routes.
- Visible-light and thermal-imaging monitoring.
- High-temperature recognition, smoke detection, and human-body recognition.
- Automatic charging after patrol tasks are completed.
- Designed for remote night inspection and low-manpower coverage.

Warehouses

Factories

Shopping Malls

Night Patrol



Robot size	650 × 700 × 670 mm
Weight	24 kg
Screen	5.5 inches
Battery	12,800 mAh
Charge time	9 h
Run time	10 h
Camera system	Visible + thermal
Auto charging	Supported



TPT Robot X3

Reception and guidance robot for hospitality, corporate, healthcare, and residential environments.

- Voice AI, customizable Q&A, and multilingual interaction.
- Autonomous wayfinding and visitor escorting.
- Remote video assistance for consultation and support.
- Face recognition for VIP greeting and visitor analytics.
- Dual-screen format for directory, ads, and information display.

Hotel Lobby

Office Buildings

Hospitals

Residential



Head screen	10.1 inch
Front screen	19 inch HD
Battery	12,800 mAh
Working time	~10 h
Charging	Auto return supported
Connectivity	4G / Wi-Fi
Navigation	Autonomous mapping
Content tools	Q&A, ads, welcome msgs

TPT Robot C3

Autonomous commercial cleaning robot for indoor hard-floor environments.

- Vacuuming, mopping, and dust-mopping in one platform.
- Automatic water refill and sewage discharge via docking station.
- Cliff detection, collision sensing, emergency stop, and child lock.
- Suitable for tile, marble, and wood indoor surfaces.
- Scheduled cleaning with autonomous charging and dock return.

Retail

Hotels

Hospitals

Schools



Robot size	50 × 60 × 58 cm
Net weight	53.8 kg
Battery	46,000 mAh
Charge time	2.5 h
Work time	4 h
Display	5 inch
Water / sewage	25 L / 25 L
Auto charging	Supported

TPT Industrial Robot D Series

Industrial delivery AMRs for internal material flow, line-side replenishment, and factory intralogistics.

- Free, track, hybrid, and follow navigation options.
- Fast deployment with flexible carrier customization.
- Peripheral options include elevator, doors, call buttons, rollers, and shelves.
- Well suited to repetitive transport tasks and 24/7 operations.

Production Lines

Warehousing

Raw Materials

Finished Goods



D-80



D-150



D-300



D-300E

Model	Load	Passage	Speed	Battery	Charge
D-80	80 kg	60 cm	1.2 m/s	12 h	5 h
D-150	150 kg	70 cm	1.2 m/s	12 h	5 h
D-300	300 kg	70 cm	1.2 m/s	12 h	5 h
D-300E	300 kg	80 cm	1.2 m/s	12 h	5 h

TPT Industrial Robot L Series

L-type lifting AMRs for shelf lifting, line feeding, and heavier factory logistics tasks.

- Autonomous shelf identification and lifting functions.
- Quick integration with MES, ERP, and WMS systems.
- Supports multi-robot RCS scheduling.
- Strong fit for warehouses, production lines, and heavy-duty internal logistics.

Shelf Lifting

MES / ERP / WMS

Line Feeding

Heavy Payloads



Model	Load	Passage	Speed	Battery	Charge
L-150	150 kg	70 cm	1.2 m/s	12 h	5 h
L-300	300 kg	70 cm	1.2 m/s	12 h	5 h
L-300E	300 kg	80 cm	1.2 m/s	12 h	5 h
L-600	600 kg	80 cm	1.2 m/s	12 h	5 h



TPT Industrial Robot S Series

Low-profile sub-lift AMRs for shelf transport, warehouse movement, and compact-space automation.

- Low-profile design for constrained operational areas.
- Autonomous lifting and shelf identification for unmanned handling.
- Compatible with elevator, door, speaker, call-button, roller, cabinet, and shelf peripherals.
- Good fit for warehouse automation and mixed logistics workflows.

Warehouse Carts

Compact Spaces

Shelf Transfer

Automated Handling



S-150



S-300



S-300E



S-600

Model	Load	Passage	Speed	Battery	Charge
S-150	150 kg	70 cm	1.2 m/s	12 h	5 h
S-300	300 kg	70 cm	1.2 m/s	12 h	5 h
S-300E	300 kg	80 cm	1.2 m/s	12 h	5 h
S-600	600 kg	80 cm	1.2 m/s	12 h	5 h

TPT Industrial Robot F-series

Smart Forklift

Autonomous pallet movement for factories, warehouses, and line-side handling.

Key highlights

- Free / track / hybrid / follow-me navigation
- ±10 mm / ±1° positioning accuracy
- Auto dock or manual charging; 6–8 h charge time
- 7×24 service possible with charging piles
- LiDAR + depth camera + RGB camera sensor suite
- 10.1" screen, WeChat / app / cloud management



F-2000

Detailed specs

Rated load	2000 kg
Vehicle weight	370 kg
Dimensions (L×W)	1645 × 850 mm
Fork size	1150 / 170 / 60 mm
Lift height	205 mm
Turning radius	1340 mm
Travel speed	1.0 / 1.5 m/s
Battery / charge	48V 50Ah / 5.5 h
Operating time	6–8 h
Braking	Electromagnetic
Protection rating	IP43
Designed for automated pallet movement and flexible intralogistics.	
Connectivity	4G / Wi-Fi / Bluetooth 5.0

Fully Self-developed and Expandable Peripherals

The entire product line has strong scalability, and different modules can be installed to meet the actual needs of different business scenarios based on customer on-site business processes.

IoT Devices

Autonomous elevator riding/ automatic door/ rolling door/ gate



Automatic Notification Devices

Notifications through lights, speakers, telephones, etc.



Call Devices

Can be called via call buttons, PADs, phones, etc.



Follow Devices

Robots can recognize and follow people



Other Industrial Peripherals

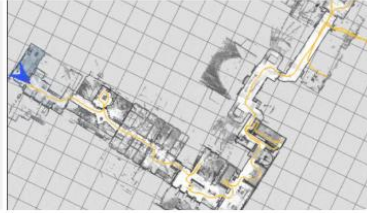
Barcode scanners, RFID, printing, USB devices



TPT Industrial Robots Advantages

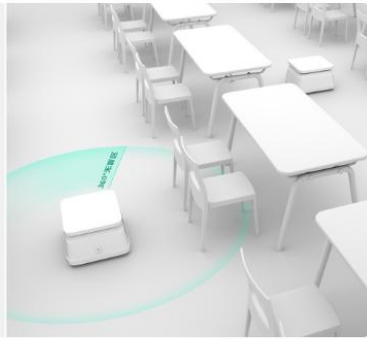
Rapid Deployment in Minutes, Simple and Convenient

- Fully Remote Deployment
- Zero On-site Presence Required
- No Limitation on Site Size



Stable Positioning, Navigation, and Obstacle Avoidance in Complex Factory Environments

- Multi-sensor Fusion Technology Based on AI Deep Learning Algorithms
- Global + Local Multi-level Navigation Routing
- Sensible Obstacle Avoidance in Three-dimensional Space
- Unaffected by Environmental Changes



Open at the Source Code Level, Quick Integration with Factory Systems

- Open API/SDK at the Chassis Level
- Compatible with WMS, MES, RCS Systems
- Modular Openness at the Algorithm Level for Software and Hardware



Flexible Customization for Factory Material Handling

- Flexible Adjustment of Workflow Settings
- Routes and Material Handling Processes Easily Adjustable
- Intelligent Autonomous Charging Strategy



Multi-robot Intelligent Scheduling

- Local + Cloud-based Scheduling



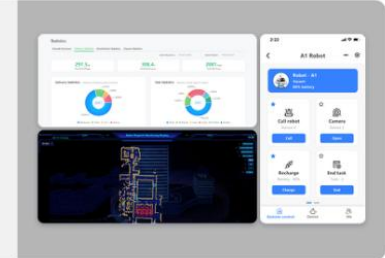
Compatible with Indoor and Outdoor Environments

- Walking in Indoor and Outdoor Environments
- Seamless Navigation in Complex Indoor and Outdoor Conditions



Multi-terminal + Cloud Integration Solution

- Robots can be Operated via Robot Terminals, Mobile Phones, PADs, PCs, etc.



Robot Big Data Cloud Computing Platform (Support Private Cloud, Offline Operation)

- Flexible Over-the-Air (OTA) Upgrades for the Entire Robot
- Real-time Remote Monitoring via Cloud
- Cloud-based Data Recording and Analysis Tasks, Traceable Processes
- Visualized Operation Data Displayed on Large Screens



Platform, Support, and Integration

Commercial deployment

- Installation & onboarding
- Mapping and configuration
- Training
- Remote support

Fleet & content control

- App / cloud tools
- Remote monitoring
- Content updates
- Multi-robot scheduling

Industrial integration

- MES / ERP / WMS
- Open peripherals
- Workflow flexibility
- OTA upgrades

Commercial model

- Purchase or rental
- Use-case matching
- Site assessment
- After-sales support

Global Offices

Regional offices supporting sales, deployment, and customer service.

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