

## SMART ROBOTIC SOLUTIONS FOR FACTORIES

### The Advantages of Robots



#### H-FRAME DESIGN WITH 4 ADJUSTABLE TRAYS

Enables the robot to navigate flexibly through narrow passages (minimum width 70 cm), with a maximum load capacity of 150 kg. One robot can replace 2 to 4 workers.



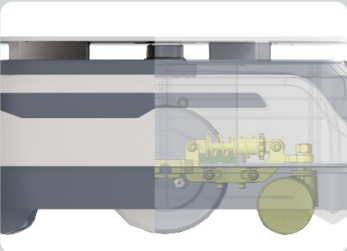
#### 360° SENSORS, 3D ENVIRONMENT RECOGNITION

Provides comprehensive information to the robot, ensuring precise and safe movement, with intelligent and flexible obstacle avoidance capabilities.



#### BUILD MAPS USING LIDAR SENSORS AND CLOUD MANAGEMENT

The robot operates autonomously without guide devices, self-locates, and effortlessly updates and adjusts maps as the factory layout changes.



#### SPEED CONTROL SYSTEM

Automatically adjusts speed based on load and when navigating uneven surfaces.



#### INTER-ROBOT COMMUNICATION

Robots communicate with each other to coordinate their actions without causing congestion in pathways.



#### INTEGRATED SCREEN AND AUDIO SYSTEM

Suitable for semi-automatic production lines, featuring multiple operational modes, a user-friendly interface, and a convenient audio notification system.

### Convenient - Fast - Accurate - Cost effective



**Convenient** Quick setup and operation, easy to modify, online management system, user-friendly interface and system for worker, Vietnamese audio language, and flexible operational modes based on purpose and productivity requirements.



**Fast** The Robots can move at speeds of 0.3 to 1.2 m/s, Ensuring continuous operation and smooth workflow.



**Accurate** 360° sensor system with 3D obstacle recognition: ensures safety and accuracy in operation, with a speed control system to prevent cargo from falling. Cloud storage technology provides comprehensive querying of all information and operational history.



**Cost effective** Capable of handling large loads, customizable trays for increased capacity, automatic charging, and continuous 24/7 operation. Cost-effective, yet capable of replacing 2 to 4 service staff.

