



# Mobile Robot



AGV



SLAM Navigation



Collaborative Robot

	<b>MR-T4</b>	<b>MR-T12</b>
Platform size (L*W*H)	984 x 640 x 660 (mm)	984 x 640 x 670 (mm)
Payload of AGV	70 Kg	
Maximum Speed	50 m/min	
Rotation Radius	600 mm@30 m/min*1	
Navigation Sensor	Optical Guidance	
Moving Model	Forward · Backward · U-turn	
Drive System	Differential Wheel	
Weight	230 Kg	242 Kg
Robot	TM Robot TM5	TM Robot TM12
Number of Robots' Axis	6	
Payload of Robot	4 Kg	12 Kg
Vision System	Built-in TM Robot	
Battery	NEC Lithium Iron Battery (12V/35AH)*2	
Gripper	Electric Gripper	
Optional	Online Charging	



\*1: Depend on different condition.  
 ●Prefactor Tech have the right to make change on appearance and specifications of this system.  
 ●Don't use the contents of this product without permission.

E-mail : [service@prefactortech.com](mailto:service@prefactortech.com)  
 Web : [www.prefactortech.com](http://www.prefactortech.com)

## Solution



### Semi-Conductor

Mobile robots can carry out POD/FOUP to the right position, to replace manpower, and to improve productivity of workshop.



### Machining

Mobile robots can be used for material transfer between different machines and can be flexible for different equipment such as lathes and milling machines.



### Medical treatment

The mobile robot can carry out clinical services and medical equipment handling, achieve human-machine mixing, making the process more stable.