Product Specification

	 **Basic** **(RMS-10B1)**	 **Standard** **(RMS-10E1)**	 **Advanced** **(RMS-15E1)**
Robot Dimension	600mm (W) 950mm (L) 990mm (H)	600mm (W) 950mm (L) 990mm (H)	700mm (W) 1180mm (L) 990mm (H)
Load Surface	600mm (W) 750mm (L)	600mm (W) 750mm (L)	700mm (W) 1000mm (L)
Platform Height	455mm	455mm	455mm
Payload	120kg	120kg	300kg
Towing Capacity ※1	300kg	300kg	600kg
Max Speed	7.5km/h	7.5km/h	7.5km/h
Minimum Radius of Rotation	~0.72m	~0.72m	~1.0m
Max Travel Distance per Full Charge ※2	20km	20km	20km
Max Slope Gradient (Full Load)	6 degree	6 degree	1 degree
Max Step ※3	3cm	3cm	1cm
Follow-Me	✓	✓	✓
Line Trace	✕	✓	✓
Memory Trace®	✕	✓ (Add on)	✓ (Add on)
No. of Memory Trace Routes	5	>5	>5
Highway	✕	✓ (Add on)	✓ (Add on)
Detection Range	Max 30m, Class 1 Safety, Height 33cm	Max 10m, Class 1 Safety, Height 30cm	Max 10m, Class 1 Safety, Height 35cm
Battery and Charging	Lead Acid, 24V, 34Ah, full charge 8 hours	Lead Acid, 24V, 34Ah, full charge 8 hours	Lead Acid, 24V, 72Ah, full charge 8 hours
IP Class	IPX2	IPX2	IPX2
Safety Components	Emergency Stop Button (Front) Bumper Sensor Alarm System (Sound) Indicator Lights (Add on)	Emergency Stop Button (Front) Bumper Sensor Alarm System (Sound) Indicator Lights (Add on)	Emergency Stop Button (Front) Bumper Sensor Alarm System (Sound) Indicator Lights (Add on)
Wi-Fi Communication	✕	✓	✓
I/O Terminal	✕	✓	✓

※**1** Although Follow Me has a traction force (N), it cannot guarantee the safety of the towed object and its surroundings. Since the maximum towing weight is determined by the relationship between the towed object and the floor surface/environment, sufficient safety verification is required in advance. Even within the range of tractive force (N), the mass of the towed object cannot be exceeded.

※**2** May decrease due to ambient temperature, load, and battery deterioration over time. It is based on our test conditions.

※**3** For towing operations and heavy load transportation, the maximum speed may be limited for safety reasons.