





# Specification |

## Autonomous Mobile Robots

									
Model		Q2-400D	Q3-600D	Q3-600D(CE)	Q7-1000E	Q7-1000E(CE)	Q7-1500D	Q7-1500D(CE)	
General	Navigation	2D code / V-SLAM / L-SLAM		2D code / V-SLAM / L-SLAM		2D code / V-SLAM / L-SLAM		2D code / V-SLAM / L-SLAM	
	Dimension L*W*H (mm)	780*545*300		950*650*250		1150*820*256		1180*860*265	
	Rotation diameter (mm)	820		995		1200		1265	
	Lifting height (mm)	60		60		60		60	
	Ground clearance(mm)	30		25		25		25	
	Lifting pad size (mm)	724*504		850*600		1030*770		980*800	
	Lifting structure	Electric		Electric		Electric		Electric	
	Weight (kg)	93		132		185		277	
	Rated load (kg)	400		600		1000		1500	
Safety Protection	Screen	●		●		●		●	
	Front protection	Laser		Laser		Laser		Laser	
	Rear protection	○		○ ●		○ ●		○ ●	
	Side protection	○		○ ●		○ ●		○ ●	
	Sound alarm	●		●		●		●	
	Radium spotlight	○		○		○		○ ●	
	Bumper strip	●		●		●		●	
	Scram button	●		●		●		●	
Motion Performance	Operating speed(empty load) (mm/s)	2000		2000		2000		1400	
	Operating acceleration (empty load) (mm/s <sup>2</sup> )	1000		1200		1000		600	
	*Position accuracy (mm)(°)	±10/±1		±10/±1		±10/±1		±10/±1	
Battery Performance	*Run time (h)	8		8		8		8	
	Charging time (h)	≤ 1.5		≤ 1.5		≤ 1.5		≤ 1.5	

\*The positioning accuracy test under ideal conditions, the actual result is affected by the site environment, rack carrier size, docking matching conditions and other factor.

\*Run time tested under rated condition.