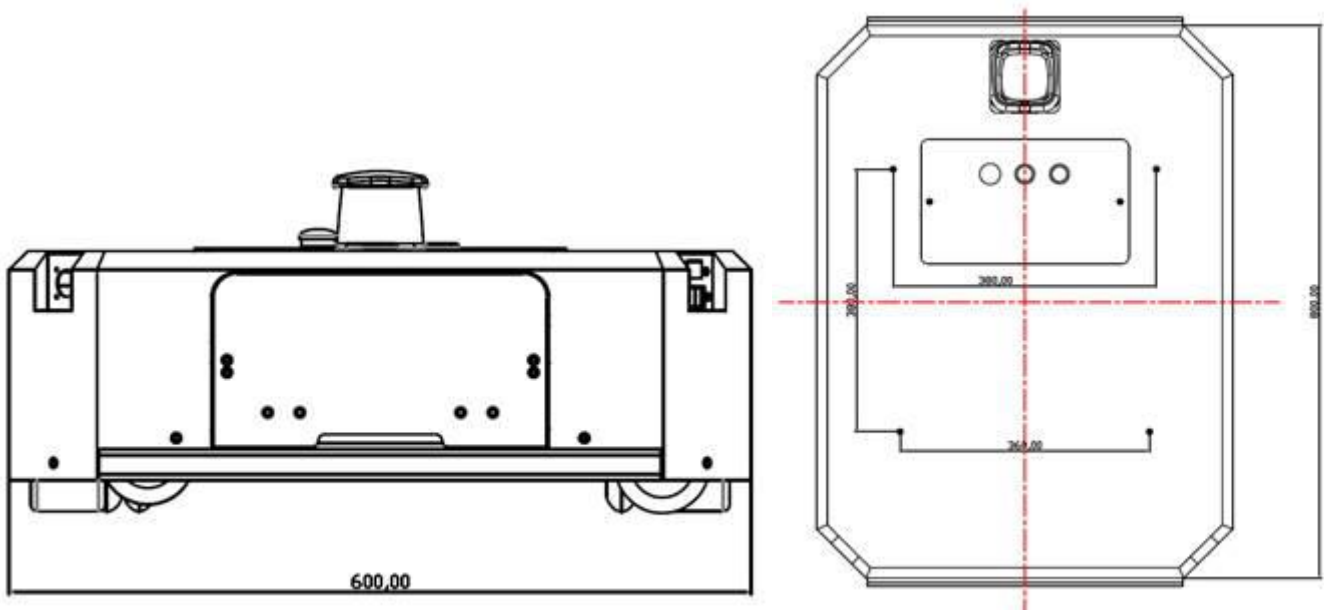
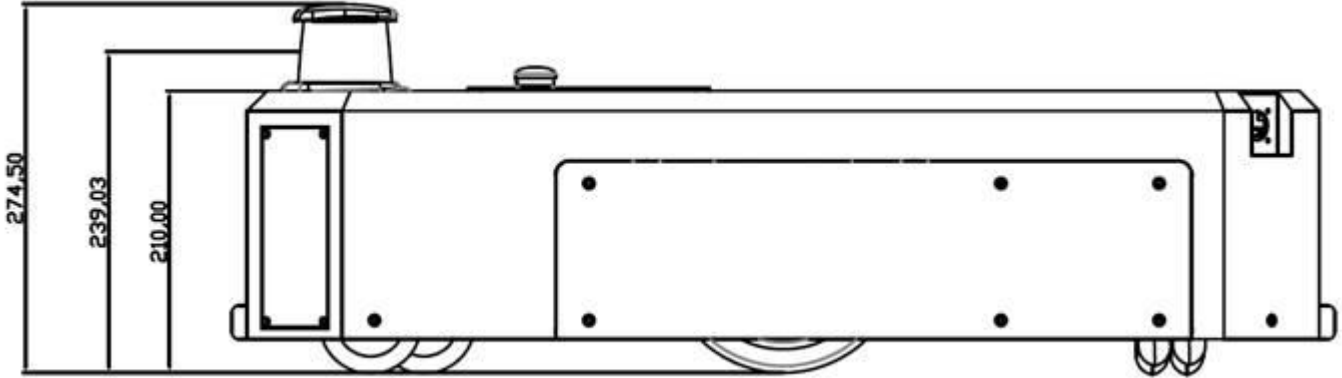


Standard Chassis W300SC

INS + Lidar SLAM + 300kg load + support upper expansion

Dimension





Specification

Basic specification	Name	Standard AMB Chassis
	Model	W300SC
	Loading (kg)	300KG
	Self-weight (kg)	180(±10KG)
	Positioning accuracy (mm)	+ 10mm
	Dimension (L * w * h) mm	800 * 600 * 275mm (including lidar height)
	Navigation mode	LIDAR SLAM navigation
performance	Driving mode	Servo motor / two wheel differential drive
	control mode	Manual / automatic
	Form of motion	Horizontal linear motion
	No load maximum	1.7m/s



	speed	
	Orientation accuracy	$\pm 0.5^\circ$
	Acceleration time (no load)	3S
	Acceleration time (full load)	5S
	Body rotation speed (90 degrees)	< 1.5s
	Body rotation speed (180 degrees)	< 3/s
Battery	Driving voltage (V)	DC48V
	Battery capacity	32AH
	Battery type	Lithium Battery
	Battery life	800 cycles, capacity $\geq 80\%$
	Endurance time	$\geq 8h$
	Charging time	$\leq 1.5h$
	Battery replace	drawer type
	Charging mode (optional)	Off line charging / automatic charging
Security	Anti-collision mode	Lidar obstacle avoidance
		Front and rear crash strips to avoid obstacles
	Emergency stop	Emergency stop button



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