

The specifications below are just sample/basic specifications and can be changed at the request of the purchaser.

Driving	Maximum speed	Forward and backward 2.0m/sec
	Driving position precision	±10mm
	Fork height precision	±1mm
	Reaction time of emergency stop	30m/sec
	Number of concurrent AMRs	100 per system
	Usage time	8 hrs continuous / 2 hrs charging
	Weight (vehicle/load)	1.2t / 1t
Components	LiDAR for navigation	200m measuring distance
	Battery	Li-Ion/ 24V/ 120A
	Motors & Controllers	1.4KW/ AC 24V
	PLC (Main control)	CODESYS V3
	Communication Module	MOXA
	Safety	4 LiDARs, 4 Emergency buttons , SW
Software	AMR main controller	PLC
	Traffic server	Windows
	ACS master	Windows (User-defined control system)
	ASC server (Optional)	WEB (Easy-to-use solution in the field)
	Tablet control panel (optional))	WEB
	Fixed control panel (optional)	PLC
Communication	Modbus TCP/IP	10m/sec
	HTTP/REST	20m/sec