

XQ1401

Indoor towed AMR

Product features

Tow multiple trolleys

Automatically switch operating modes



Basic parameters	1.1	Manufacturer			EP
	1.2	Model designation			XQ1401
	1.3	Drive			Electric
	1.4	Operator type			Standing
	1.5	Load capacity	Q	kg	4200
	1.6	Service weight		kg	820
	1.7	Navigation			Slam/Reflector
	1.8	Communication			Wi-fi + 5G
	1.9	Positioning accuracy		mm	±20
	1.10	Indoor/Outdoor			Indoor
Battery parameters	2.1	Battery voltage/nominal capacity		V/Ah	24/205
	2.2	Battery type			Li-ion battery
	2.3	Battery weight		kg	260
	2.4	Usage time		h	5-6
Size	3.1	Dimensions	l1/b1/h1	mm	1513/910/2182 (L*W*H)
	3.2	Load centre distance	c	mm	975
	3.3	Load length	x	mm	-
	3.4	Wheelbases	y	mm	975
	3.5	Fork vertical length	l2	mm	-
	3.6	Fork dimensions	s/e/l	mm	-
	3.7	Outer width of forks	b5	mm	-
	3.8	Height with forks lowered	h13	mm	-
	3.9	Lifting height	h3	mm	-
	3.10	Forward distance	l4	mm	-
Other parameters	4.1	Travel speed, laden/unladen		m/s	1/1.4
	4.2	Max. gradeability, laden/unladen		%	3/15
	4.3	cross-ditch ability		mm	≤20
	4.4	turning radius	Wa	mm	1345
Channel requirements	5.1	Straight forward and backward (with standard shelves) width	Ast	mm	-
	5.2	Right-angle turn (with standard shelves) width	Ast	mm	-
	5.3	Width of unilateral pick-up and unloading	Ast	mm	-
Safety	6.1	Emergency stop button			Two sides
	6.2	Voice and light			Voice + Light warning
	6.3	Front protection			Lidar + 3D camera
	6.4	Back protection			-
	6.5	Physical bumper			Front + two sides
	6.6	Pallet in-place detection switch			-
Option list	7.1	Battery			●24V/205Ah
	7.2	Charger			●24V-50A Manual ○24V/100A Manual
	7.3	Warning light			●Blue light ●Turn light ○Warning light
	7.4	Front protection			●Single lidar,180° ○Double lidar,270° ●Depth Camera
	7.5	Rear protection			-
	7.6	Interaction method			●Screen ○Buttons
	7.7	Docking with other devices			○Elevator ○Access door ○Call box
Auto-charge	8.1	Rated input power (50Hz)			Single-phase 220V
	8.2	Communication			WIFI
	8.3	Size		mm	622/422/1062
	8.4	Charging power			●24V/100A