

12 Intelligent Stacker Series

The 4th Generation of
Material Handling



XS206CA

Counter balance stacked AMR

Product features

Docking with various equipment
for various operations



XRSC082



XRSC122

Basic parameters	1.1	Manufacturer			EP
	1.2	Model designation			XS206CA
	1.3	Drive			Electric
	1.4	Operator type			Pedestrian
	1.5	Load capacity	Q	kg	600
	1.6	Service weight		kg	1340
	1.7	Navigation			Slam/Reflector
	1.8	Communication			Wi-fi + 5G
	1.9	Positioning accuracy		mm	±10
	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	62
	2.4	Usage time		h	4-5
Size	3.1	Dimensions	l1/b1/h1	mm	2076/1046/2157 (L*W*H)
	3.2	Load centre distance	c	mm	500
	3.3	Load length	x	mm	109
	3.4	Wheelbases	y	mm	700
	3.5	Fork vertical length	l2	mm	1156
	3.6	Fork dimensions	s/e/l	mm	40/100/920
	3.7	Outer width of forks	b5	mm	350-560
	3.8	Height with forks lowered	h13	mm	60
	3.9	Lifting height	h3	mm	3020
	3.10	Forward distance	l4	mm	-
Other parameters	4.1	Travel speed, laden/unladen		m/s	1/1
	4.2	Max. gradeability, laden/unladen		%	5/8
	4.3	cross-ditch ability		mm	≤20
	4.4	turning radius	Wa	mm	1109
Channel requirements	5.1	Straight forward and backward (with standard shelves) width	Ast	mm	1246
	5.2	Right-angle turn (with standard shelves) width	Ast	mm	1830
	5.3	Width of unilateral pick-up and unloading	Ast	mm	3055
Safety	6.1	Emergency stop button			Two sides
	6.2	Voice and light			Voice + Light warning
	6.3	Front protection			270° Lidar + 3D camera
	6.4	Back protection			Fork-tip lidar + Physical bumper
	6.5	Physical bumper			Lidar
	6.6	Pallet in-place detection switch			Fork root bottom
Option list	7.1	Battery			●24V/205Ah
	7.2	Charger			●24V-50A Manual ○24V/100A Manual
	7.3	Warning light			●Turn light ●Warning light
	7.4	Front protection			●Double lidar,270° ●3D Camera
	7.5	Rear protection			●Fork-tip photoelectricity ○Fork root camera ○Fork root Lidar
	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