

XNA151**Narrow aisle stacking****Product features**

Up to 13m high narrow aisle stacking

Fitting in current VNA aisles

3D slam and QR hybrid navigation for most accurate truck positioning

3D camera controls for accurate load positioning

Unique 2-way stacking option



Basic parameters	1.1	Manufacturer			EP
	1.2	Model designation			XNA121
	1.3	Operator type			Pedestrian
	1.4	Load capacity	Q	kg	1200
	1.5	Service weight		kg	6500
	1.6	Navigation			3D SLAM/QR code
	1.7	Communication			Wi-Fi/5G
	1.8	Positioning accuracy		mm	±10
Battery parameters	2.1	Battery voltage/nominal capacity		V/Ah	48/560
	2.2	Battery type			Li-ion battery
	2.3	Battery weight		kg	
	2.4	Usage time		h	
Size	3.1	Dimensions	l1/b1/h1	mm	3145/1602/4465
	3.2	Load center distance	c	mm	600
	3.3	Load distance, center of drive axle to fork	x	mm	213
	3.4	Wheelbase	y	mm	1665
	3.5	Length to face of forks	l2	mm	3200
	3.6	Fork dimensions	s/e/l	mm	40/100/1136
	3.7	Distance between fork-arms	b5	mm	685
	3.8	Lowered height	h13	mm	70
	3.9	Lift height	h3	mm	8500
	3.10	Side movement distance	l4	mm	1300
Other parameters	4.1	Travel speed, laden/unladen		m/s	1/1
	4.2	Max. gradeability, laden/unladen		%	
	4.3	Maximum floor level deviation		mm	
	4.4	Turning radius	Wa	mm	1989
Channel requirements	5.1	Aisle width for pallets 1000×1200 lengthways	Ast	mm	1844
	5.2	Aisle width for pallets 1000×1200 crossways	Ast	mm	2581
	5.3	Aisle width for one-sided loading/unloading (pallet: 1200 mm L × 1000 mm W)	Ast	mm	1844
Safety	6.1	Emergency stop button			Front
	6.2	Voice and light			Audible and visible
	6.3	Front protection			Top 180° Lidar + Bottom 180° Lidar
	6.4	Back protection			Fork-tip sensor/Physical bumper
	6.5	Side protection			Lidar
Option list	6.6	Physical bumper			Front + two sides
	6.7	Pallet in-place detection switch			Rear Fork Root