

08 Towing AMR

The 4th Generation of
Material Handling

XTD401

Indoor tow tractor

Product features

Towing multiple carts at one time



Basic parameters	1.1	Manufacturer			EP
	1.2	Model designation			XTD401
	1.3	Operator type			Pedestrian
	1.4	Load capacity	Q	kg	4000
	1.5	Service weight		kg	820
	1.6	Navigation			SLAM/Reflector
	1.7	Communication			WiFi/5G
	1.8	Positioning accuracy		mm	±20
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	1575/910/2255
	3.2	Load center distance	c	mm	-
	3.3	Load distance, center of drive axle to fork	x	mm	-
	3.4	Wheelbase	y	mm	975
	3.5	Length to face of forks	l2	mm	-
	3.6	Fork dimensions	s/e/l	mm	-
	3.7	Distance between fork-arms	b5	mm	-
	3.8	Lowered height	h13	mm	-
	3.9	Lift height	h3	mm	-
	3.10	Side movement 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	Maximum floor level deviation		mm	≤20
	4.4	Turning radius	Wa	mm	1345
Channel requirements	5.1	Aisle width for pallets 1000×1200 lengthways	Ast	mm	-
	5.2	Aisle width for pallets 1000×1200 crossways	Ast	mm	-
	5.3	Aisle width for one-sided loading/unloading (pallet: 1200 mm L × 1000 mm W)	Ast	mm	-
Safety	6.1	Emergency stop button			Two sides
	6.2	Voice and light			Audible and visible
	6.3	Front protection			Top 180° Lidar + Bottom 180° Lidar
	6.4	Back protection			3D Camera
	6.5	Side protection			-
Option list	6.6	Physical bumper			Lidar
	6.7	Pallet in-place detection switch			Front + two sides