



## **Electric pedestrian stacker** **EJC 110 / 112**

Lift height: 2500-4700 mm / Load capacity: 1000-1200 kg

# EJC 110 / 112





# VDI table

Stand-on: 07/2024

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		<b>EJC 110</b>	
	1.3	Drive		Electric	
	1.4	Operation		Pedestrian	
	1.5	Load capacity/load	Q	kg	1000
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	681
	1.9	Wheelbase	y	mm	1184
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	570 / 1180
2.3		Axle load unladen front/rear		kg	510 / 240
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)
	3.2	Tyre size, front			Ø 230 x 70
	3.3	Tyre size, rear			Ø 77 x 75
	3.4	Additional wheels			Ø 150 x 54
	3.5	Wheels, number front/back (x=driven)			1x +1/2
	3.6	Tread width, front	b10	mm	507
	3.7	Tread width, rear	b11	mm	415
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	1950
	4.3	Free lift (h2)	h2	mm	100
	4.4	Lift (h3)	h3	mm	2900
	4.5	Extended mast height (h4)	h4	mm	3375
	4.9	Height of tiller handle in drive position min./max.	h14	mm	850 / 1305
	4.15	Height, lowered	h13	mm	90
	4.19	total length	l1	mm	1822
	4.20	Length including fork shank	l2	mm	672
	4.21.1	total width	b1	mm	800
	4.22	Fork dimensions	s/e/l	mm	56 x 185 x 1150
	4.25	Width across forks	b5	mm	570
	4.32	Ground clearance centre of wheelbase	m2	mm	30
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2071
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2121
4.35	Turning radius	Wa	mm	1402	
Performance data	5.1	Travel speed laden/unladen		km/h	6 / 6
	5.2	Lift speed laden/unladen		m/s	0.12 / 0.22
	5.3	Lowering speed laden/unladen		m/s	0.33 / 0.33
	5.8	Max. gradeability laden/unladen		%	8 / 16
	5.10	Service brake			generative
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	1
	6.2	Lift motor, performance with S3		kW	1.7
	6.3	Battery according to DIN 43531/35/36			British Standard
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 200
	6.5	Battery weight		kg	185
	6.6	Energy consumption according to VDI cycle		kWh/h	0
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.61
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.3

Other	8.1	Type of drive control		AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	62
<p>- This data sheet according to VDI guideline 2198 only states the technical values of the standard truck. Different tyres, other masts, additional equipment etc. may result in different values.</p>				

The values in the table apply for the S-VBE (1-3) battery compartment, ZT2900 mast, battery 200 Ah.

- VDI no. 1.8: with DZ mast: x - 42 mm
- VDI no. 1.9: with M Li-ion battery compartment: y + 72 mm.
- VDI no. 4.19: with M Li-ion battery compartment: l1 + 72 mm. with DZ mast: l1 + 42 mm.
- VDI no. 4.20: with M Li-ion battery compartment: l2 + 72 mm. with DZ mast: l2 + 42 mm.
- VDI no. 4.34.1: with M Li-ion battery compartment: l2 + 72 mm. diagonal as per VDI: + 212 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.34.2: with M Li-ion battery compartment: l2 + 72 mm. diagonal as per VDI: + 137 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.35: with M Li-ion battery compartment: l2 + 72 mm.
- VDI no. 6.2: with EJC 110: S3 10%. With EJC 112: S3 12%.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified as well as our Genuine Parts  
Center in Kaltenkirchen. ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements. 

 **JUNGHEINRICH**