



Electric pedestrian stacker with support arm lift

EJC 112z

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

 **JUNGHEINRICH**

EJC 112z



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VDI table

Stand-on: 07/2024

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich		
	1.2	Manufacturer's type designation		EJC 112z		
	1.3	Drive		Electric		
	1.4	Operation		Pedestrian		
	1.5	Load capacity/load	Q	kg	1200	
	1.5.1	Rated capacity/load with mast lift	Q	kg	1200	
	1.5.2	Rated capacity/load with support arm lift	Q	kg	2000	
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	910	
1.9	Wheelbase	y	mm	1502		
Weights	2.1.1	Service weight (incl. battery)		kg	980	
	2.2	Axle load laden front/rear		kg	965 / 1215	
	2.3	Axle load unladen front/rear		kg	707 / 273	
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)	
	3.2	Tyre size, front			Ø 230 x 70	
	3.3	Tyre size, rear			Ø 85 x 95 /75	
	3.4	Additional wheels			Ø 140 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	2880	
	4.5	Extended mast height (h4)	h4	mm	3375	
	4.6	Initial lift	h5	mm	122	
	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	1933	
	4.20	Length including fork shank	l2	mm	783	
	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	20	
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2168	
4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2267		
4.35	Turning radius	Wa	mm	1728		
Performance data	5.1	Travel speed laden/unladen		km/h	6 / 6	
	5.2	Lift speed laden/unladen		m/s	0.18 / 0.29	
	5.3	Lowering speed laden/unladen		m/s	0.49 / 0.39	
	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	3	
	6.3	Battery according to DIN 43531/35/36				A
	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	0.66
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.4
Other	8.1	Type of drive control		AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	64
- 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.				

Values for S-VBE battery compartment, ZT2900 mast 200-Ah battery, raised support arms.

- VDI no. 1.5: in double-decker mode (optional): mast lift max. 0.6 t / overall load max. 2.0 t.
- VDI no. 1.5.1: in double-decker mode (optional): mast lift max. 0.6 t / overall load max. 2.0 t.
- VDI no. 1.5.2: in double-decker mode (optional): mast lift max. 0.6 t / overall load max. 2.0 t.
- VDI no. 1.8: with DZ mast: $x - 42$ mm. with lowered support arms: $x + 54$ mm.
- VDI no. 1.9: with battery compartment M-VBE or M Li-ion: $y + 69$ mm. With lowered support arms: $y + 54$ mm.
- VDI no. 4.19: with DZ mast: $l1 + 42$ mm, with battery compartment M-VBE or M Li-ion: $l1 + 69$ mm.
- VDI no. 4.20: with DZ mast: $l2 + 42$ mm, with battery compartment M-VBE or M Li-ion: $l2 + 69$ mm.
- VDI no. 4.34.1: with battery compartment M-VBE or M Li-ion: aisle width + 69 mm. diagonal as per VDI: + 368 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.34.2: with battery compartment M-VBE or M Li-ion: aisle width + 69 mm. diagonal as per VDI: + 204 mm. with DZ mast: aisle width + 42 mm.
- VDI no. 4.35: with battery compartment M-VBE or M Li-ion: $Wa + 69$ mm. with lowered support arms: $Wa + 54$ mm.
- VDI no. 5.8: the values in the table relate to the rated load (1.5). With maximum load in the support arm lift (1.5.2): max. gradeability laden = 5%.
- VDI no. 6.2: with S3 6%.

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. 

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