



# Electric pedestrian stacker with support arm lift

## EJC 112z

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

 **JUNGHEINRICH**

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EJC 112z	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	<b>2500 mm</b>	<b>1750 mm</b>	<b>100 mm</b>	<b>2975 mm</b>
	2700 mm	1850 mm	100 mm	3175 mm
	2900 mm	1950 mm	100 mm	3375 mm
	3200 mm	2100 mm	100 mm	3675 mm
	3600 mm	2300 mm	100 mm	4075 mm
	4100 mm	2550 mm	100 mm	4575 mm
	4300 mm	2650 mm	100 mm	4775 mm
Duplex mast ZZ	<b>2500 mm</b>	<b>1700 mm</b>	<b>1225 mm</b>	<b>2975 mm</b>
	2900 mm	1900 mm	1425 mm	3375 mm
	3200 mm	2050 mm	1575 mm	3675 mm
	3600 mm	2250 mm	1775 mm	4075 mm
	4100 mm	2500 mm	2025 mm	4575 mm
	4300 mm	2600 mm	2125 mm	4775 mm
Triplex mast DZ	<b>4090 mm</b>	<b>1845 mm</b>	<b>1338 mm</b>	<b>4597 mm</b>
	4300 mm	1915 mm	1408 mm	4807 mm
	4700 mm	2050 mm	1543 mm	5207 mm

# VDI table

Stand-on: 10/2024

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			<b>EJC 112z</b>
	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	Schalldruckpegel nach EN12053	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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