



## **Electric pedestrian stacker** **EJC 230**

**Lift height: 2500-6000 mm / Load capacity: 1200-3000 kg**

# EJC 230

<b>EJC 230</b>	<b>Lift (h3)</b>	<b>Retracted mast height (h1)</b>	<b>Free lift (h2)</b>	<b>Extended mast height (h4)</b>
Duplex mast ZT	2800 mm	2080 mm	100 mm	3466 mm
	3500 mm	2430 mm	100 mm	4166 mm
Duplex mast ZZ	2800 mm	2060 mm	1410 mm	3466 mm
	3500 mm	2410 mm	1760 mm	4166 mm
Triplex mast DZ	4620 mm	2200 mm	1540 mm	5300 mm

# VDI table

Stand-on: 07/2021

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			<b>EJC 230</b>
	1.3	Drive			Electric
	1.4	Operation			Pedestrian
	1.5	Load capacity/load	Q	kg	3000
	1.6	Load centre distance	c	mm	600
	1.8	Load distance, centre of drive axle to fork	x	mm	700
	1.9	Wheelbase	y	mm	1570
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	1291 / 3550
2.3		Axle load unladen front/rear		kg	1150 / 660
Wheels/suspension system	3.1	Tyres			PU
	3.2	Tyre size, front			Ø 230 x 70
	3.3	Tyre size, rear			Ø 85 x 110
	3.4	Additional wheels			Ø 140 x 54
	3.5	Wheels, number front/back (x=driven)			1x + 1/4
	3.6	Tread width, front	b <sub>10</sub>	mm	507
	3.7	Tread width, rear	b <sub>11</sub>	mm	370
Basic dimensions	4.2	Retracted mast height (h1)	h <sub>1</sub>	mm	2080
	4.3	Free lift (h2)	h <sub>2</sub>	mm	100
	4.4	Lift (h3)	h <sub>3</sub>	mm	2800
	4.5	Extended mast height (h4)	h <sub>4</sub>	mm	3466
	4.9	Height of tiller handle in drive position min./max.		mm	850 / 1298
	4.15	Height, lowered	h <sub>13</sub>	mm	95
	4.19	Overall length	l <sub>1</sub>	mm	2180
	4.20	Length including fork shank	l <sub>2</sub>	mm	1030
	4.21.1	Overall width	b <sub>1</sub>	mm	800
	4.22	Fork dimensions	s/e/l	mm	85 x 210 x 1150
	4.32	Ground clearance centre of wheelbase	m <sub>2</sub>	mm	20
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2480
	4.34.1	Aisle width (pallet 800x1200 length)	Ast	mm	2490
	4.35	Turning radius	W <sub>a</sub>	mm	1780
Performance data	5.1	Travel speed laden/unladen		km/h	5.5 / 5.5
	5.2	Lift speed laden/unladen		m/s	0.07 / 0.15
	5.3	Lowering speed laden/unladen		m/s	0.25 / 0.25
	5.8	Max. gradeability laden/unladen		%	2 / 14
	5.10	Service brake			generative
E-motor/Electronics	6.1	Drive motor, performance S2 60 min		kW	1.6
	6.2	Lift motor, performance with S3		kW	3
	6.3	Battery according to DIN 43531/35/36			DIN 43535 B
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 375
	6.5	Battery weight		kg	288
	6.6.1	Energy consumption according to EN cycle		kWh/h	0.92
	6.6.2	CO2 equivalent as per EN 16796		kg/h	0.5

Other	8.1	Type of drive control		AC
	10.7	Sound level as per EN12053, operator's ear	dB (A)	70
<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>				

- VDI no. 1.2: values for standard mast 290 ZT; 280 ZT and with battery as per line 6.5 (except for EJC 230)
- VDI no. 1.8: with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm (except for EJC 230)
- VDI no. 1.9: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.19: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.19: for EJC 220 with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm
- VDI no. 4.20: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.20: for EJC 220 with DZ mast: x - 42 mm; l1 + 42 mm; l2 + 42 mm
- VDI no. 4.33: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.33: diagonal as per VDI: + 214 mm (except for EJC 230)
- VDI no. 4.34: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.34: diagonal as per VDI: + 138 mm (except for EJC 230)
- VDI no. 4.35: for EJC 212 / 214 / 216 with L battery compartment (375 Ah) + 80 mm
- VDI no. 4.35: tiller in upright position (slow travel) (except for EJC 230)
- VDI no. 6.1: 1.6 kW with option of electric steering (only EJC 212)

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified.

ISO 9001  
ISO 14001

Jungheinrich fork lift trucks meet  
European safety requirements.



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