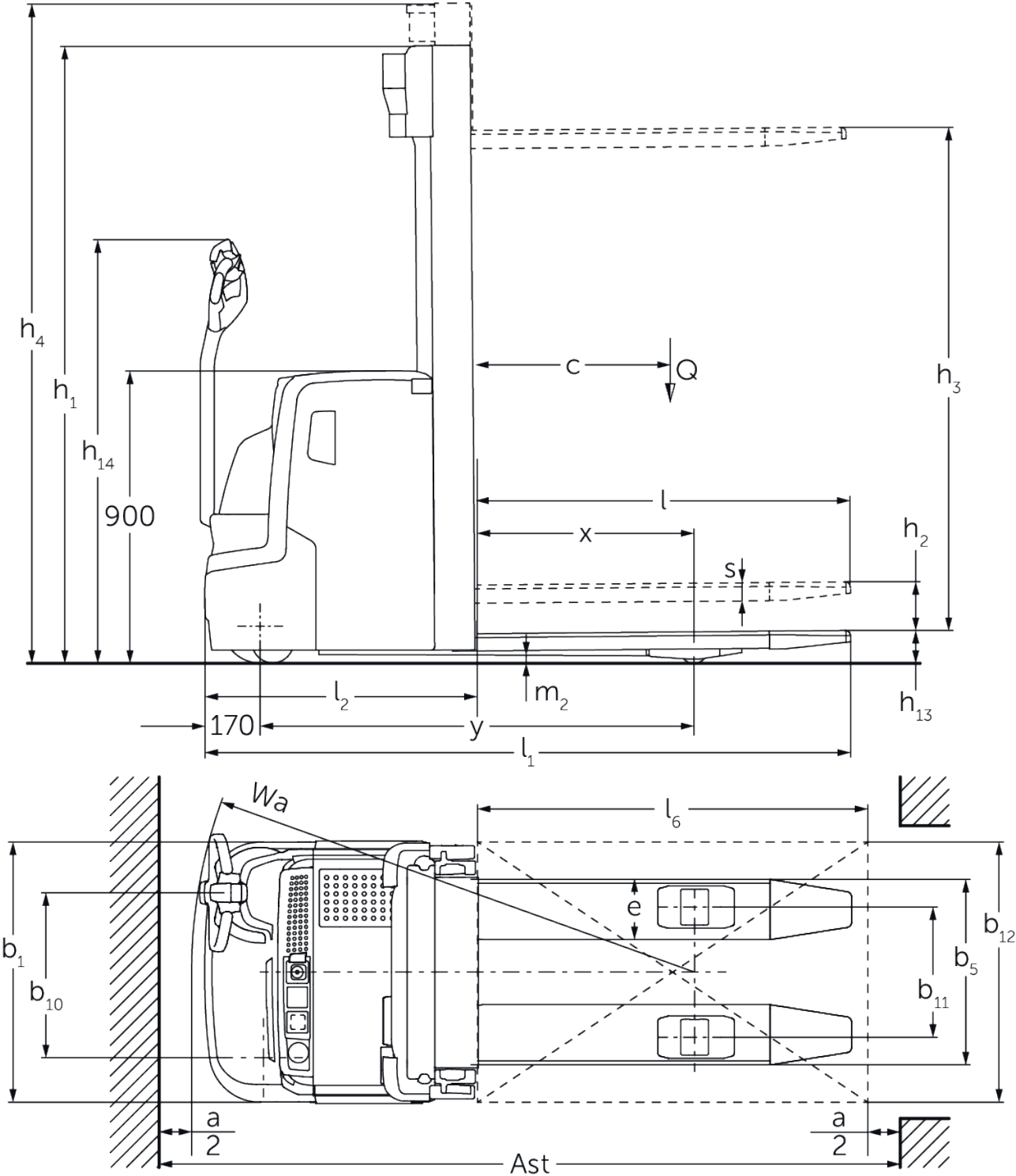




Electric pedestrian stacker **EJC 212-230**

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

EJC 212-230



EJC 212-230

EJC 212	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2500 mm	1750 mm	100 mm	2975 mm
	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	2500 mm	1700 mm	1225 mm	2975 mm
	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	4090 mm	1845 mm	1338 mm	4597 mm
	4300 mm	1915 mm	1408 mm	4807 mm
	4700 mm	2050 mm	1543 mm	5207 mm
EJC 214	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2500 mm	1750 mm	100 mm	2975 mm
	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
	4500 mm	2750 mm	100 mm	4975 mm
Duplex mast ZZ	2500 mm	1700 mm	1225 mm	2975 mm
	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	4090 mm	1830 mm	1341 mm	4579 mm
	4300 mm	1900 mm	1411 mm	4789 mm
	4690 mm	2030 mm	1541 mm	5179 mm
	5350 mm	2250 mm	1761 mm	5839 mm
EJC 214, EJC 216	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Triplex mast DZ	6000 mm	2500 mm	1968 mm	6532 mm
EJC 216	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2400 mm	1750 mm	100 mm	2925 mm
	2600 mm	1850 mm	100 mm	3125 mm
	2800 mm	1950 mm	100 mm	3325 mm
	3100 mm	2100 mm	100 mm	3625 mm
	3500 mm	2300 mm	100 mm	4025 mm
	3800 mm	2450 mm	100 mm	4325 mm
	4000 mm	2550 mm	100 mm	4525 mm
	4200 mm	2650 mm	100 mm	4725 mm
	4400 mm	2750 mm	100 mm	4925 mm

Duplex mast ZZ	2400 mm	1700 mm	1175 mm	2925 mm
	2800 mm	1900 mm	1375 mm	3325 mm
	3100 mm	2050 mm	1525 mm	3625 mm
	3500 mm	2250 mm	1725 mm	4025 mm
	4000 mm	2500 mm	1975 mm	4525 mm
	4200 mm	2600 mm	2075 mm	4725 mm
Triplex mast DZ	3990 mm	1830 mm	1298 mm	4522 mm
	4200 mm	1900 mm	1368 mm	4732 mm
	4590 mm	2030 mm	1498 mm	5122 mm
	5250 mm	2250 mm	1718 mm	5782 mm
EJC 220	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2540 mm	1950 mm	100 mm	3195 mm
	2840 mm	2100 mm	100 mm	3495 mm
	3540 mm	2450 mm	100 mm	4195 mm
Duplex mast ZZ	2540 mm	1900 mm	1245 mm	3195 mm
	2840 mm	2050 mm	1395 mm	3495 mm
	3540 mm	2400 mm	1745 mm	4195 mm
Triplex mast DZ	3750 mm	1900 mm	1218 mm	4432 mm
	4200 mm	2050 mm	1368 mm	4882 mm
	4800 mm	2250 mm	1568 mm	5482 mm
EJC 230	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
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	4200 mm	2080 mm	1400 mm	4880 mm
	4620 mm	2200 mm	1540 mm	5300 mm

VDI table

Stand-on: 11/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich				
	1.2	Manufacturer's type designation		EJC 212	EJC 214	EJC 216	EJC 220	EJC 230
	1.3	Drive		Electric				
	1.4	Operation		Pedestrian				
	1.5	Load capacity/load	Q kg	1200	1400	1600	2000	3000
	1.6	Load centre distance	c mm	600				
	1.8	Load distance, centre of drive axle to fork	x mm	689	668			700
	1.9	Wheelbase	y mm	1196	1264		1336	1570
Weights	2.1.1	Service weight (incl. battery)	kg	880	1039	1044	1207	1716
	2.2	Axle load laden front/rear	kg	660 / 1420	794 / 1645	814 / 1830	878 / 2329	1291 / 3550
	2.3	Axle load unladen front/rear	kg	590 / 290	721 / 318	724 / 320	805 / 402	1150 / 660
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 110			Ø 85 x 85	Ø 85 x 110
	3.4	Additional wheels		Ø 140 x 54				
	3.5	Wheels, number front/back (x=driven)		1x + 1 / 2			1x + 1 / 4	
	3.6	Tread width, front	b ₁₀ mm	507				
	3.7	Tread width, rear	b ₁₁ mm	400				370
Basic dimensions	4.2	Retracted mast height (h1)	h ₁ mm	1950			2100	2080
	4.3	Free lift (h2)	h ₂ mm	100				
	4.4	Lift (h3)	h ₃ mm	2900		2800	2840	2800
	4.5	Extended mast height (h4)	h ₄ mm	3375		3325	3495	3466
	4.9	Height of tiller handle in drive position min./max.	mm	850 / 1305				
	4.15	Height, lowered	h ₁₃ mm	90			95	
	4.19	Overall length	l ₁ mm	1827	1916		1988	
	4.19.4	Length including fork length	l ₁ mm	-				2180
	4.20	Length including fork shank	l ₂ mm	677	766		838	1030
	4.21.1	Overall width	b ₁ mm	800				
	4.22	Fork dimensions	s/ e/l mm	56 x 185 x 1150				85 x 210 x 1150
	4.23	Fork carriage connection class		2A			2B	
	4.25	Width across forks	b ₅ mm	570			580	
	4.32	Ground clearance centre of wheelbase	m ₂ mm	28		25	18	20
	4.34	Aisle width (pallet 1000x1200 sideways)	Ast mm	2068	2178		2250	2430
	4.34.1	Aisle width (pallet 800x1200 length)	Ast mm	2118	2228		2300	2480
	4.35	Turning radius	W _a mm	1407	1496		1568	1780
Performance data	5.1	Travel speed laden/unladen	km/h	6 / 6				5.5 / 5.5
	5.2	Lift speed laden/unladen	m/s	0.2 / 0.4	0.16 / 0.3	0.15 / 0.3	0.11 / 0.34	0.07 / 0.15
	5.3	Lowering speed laden/unladen	m/s	0.45 / 0.35			0.5 / 0.35	0.25 / 0.25
	5.8	Max. gradeability laden/unladen	%	8 / 16		7 / 16	5 / 16	2 / 14
E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	1	1.6			
	6.2	Lift motor, performance with S3	kW	3				
	6.3	Battery according to DIN 43531/35/36		no				
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 200	24 / 300		24 / 375	
	6.5	Battery weight	kg	185	243		288	
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.77	0.83	0.91	1.08	0.92

	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.4	0.5	0.6	0.5
Other	8.1	Type of drive control		AC			
	10.7	Sound level as per EN12053, operator's ear	dB (A)	63			70
- 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.							

The values in the table apply to battery room S-VBE (EJC 212), M-VBE (EJC 214/216), L-VBE/SBE (EJC 220/230), Mast ZT2800/2840/2900 mm.

- VDI no. 1.8 with EJC 212/214/216: For DZ mast: x - 42 mm.
- VDI no. 1.8 with EJC 220: With battery compartment L-VBE or L-SBE and DZ mast: x - 1 mm, M Li-Ion and DZ mast: x - 71 mm.
- VDI no. 1.9 with EJC 212: With battery compartment M-VBE or M Li-Ion: y + 68 mm, L-VBE or L-SBE: y + 140 mm.
- VDI no. 1.9 with EJC 214/216: With battery compartment M Li-Ion: y + 0 mm, L-VBE or L-SBE: y + 72 mm.
- VDI no. 1.9 with EJC 220: With battery compartment L-VBE or L-SBE and DZ mast: y + 70 mm, M Li-Ion: y - 72 mm.
- VDI no. 3.3 with EJC 212/214/216: Tandem: Ø85 x 85 mm.
- VDI no. 4.19 with EJC 212: With DZ mast: l1 + 42 mm; With battery compartment M-VBE or M Li-Ion: l1 + 68 mm, L-VBE or L-SBE: l1 + 140 mm.
- VDI no. 4.19 with EJC 214/216: With DZ mast: l1 + 42 mm; With battery compartment M Li-Ion: l1 + 0 mm, L-VBE or L-SBE: l1 + 72 mm.
- VDI no. 4.19 with EJC 220: With DZ mast: l1 + 71 mm; With battery compartment M Li-Ion: l1 - 72 mm.
- VDI no. 4.20 with EJC 212: With DZ mast: l2 + 42 mm; With battery compartment M-VBE or M Li-Ion: l2 + 68 mm, L-VBE or L-SBE: l2 + 140 mm.
- VDI no. 4.20 with EJC 214/216: With DZ mast: l2 + 42 mm; With battery compartment M Li-Ion: l2 + 0 mm, L-VBE or L-SBE: l2 + 72 mm.
- VDI no. 4.20 with EJC 220: With DZ mast: l2 + 71 mm; With battery compartment M Li-Ion Ah: l2 - 72 mm.
- VDI no. 4.34 with EJC 212: Diagonal according to VDI: Ast + 215 mm; With battery compartment M-VBE or M Li-Ion: Ast + 68 mm, L-VBE or L-SBE: Ast + 140 mm; With DZ mast: Ast + 42 mm.
- VDI no. 4.34 with EJC 214/216: Diagonal according to VDI: Ast + 215 mm; With battery compartment M Li-Ion: Ast + 0 mm, L-VBE or L-SBE: Ast + 72 mm; With DZ mast: Ast + 42 mm.
- VDI no. 4.34 with EJC 220: Diagonal according to VDI: Ast + 215 mm; With DZ mast: Ast + 71 mm; With battery compartment M Li-Ion: Ast - 72 mm.
- VDI no. 4.34 with EJC 230: Diagonal according to VDI: Ast + 221 mm.
- VDI no. 4.34.1 with EJC 212: Diagonal according to VDI: Ast + 138 mm; With battery compartment M-VBE or M Li-Ion: Ast + 68 mm, L-VBE or L-SBE: Ast + 140 mm; With DZ mast: Ast + 42 mm.
- VDI no. 4.34.1 with EJC 214/216: Diagonal according to VDI: Ast + 138 mm; With battery compartment M Li-Ion: Ast + 0 mm, L-VBE or L-SBE: Ast + 72 mm; With DZ mast: Ast + 42 mm.
- VDI no. 4.34.1 with EJC 220: Diagonal according to VDI: Ast + 138 mm; With DZ mast: Ast + 71 mm; With battery compartment M Li-Ion: Ast - 72 mm.
- VDI no. 4.34.1 with EJC 230: Diagonal according to VDI: Ast + 240 mm.
- VDI no. 4.35 with EJC 212: With battery compartment M-VBE or M Li-Ion: Wa + 68 mm, L-VBE or L-SBE: Wa + 140 mm.
- VDI no. 4.35 with EJC 214/216: With battery compartment M Ah Li-Ion: Wa + 0 mm, L-VBE or L-SBE: Wa + 72 mm.
- VDI no. 4.35 with EJC 220: With battery compartment L-VBE or L-SBE and DZ mast: Wa + 70 mm.
- VDI no. 5.3: With ZZ / DZ masts: The lowering speed in free lift is below the specified values.

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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