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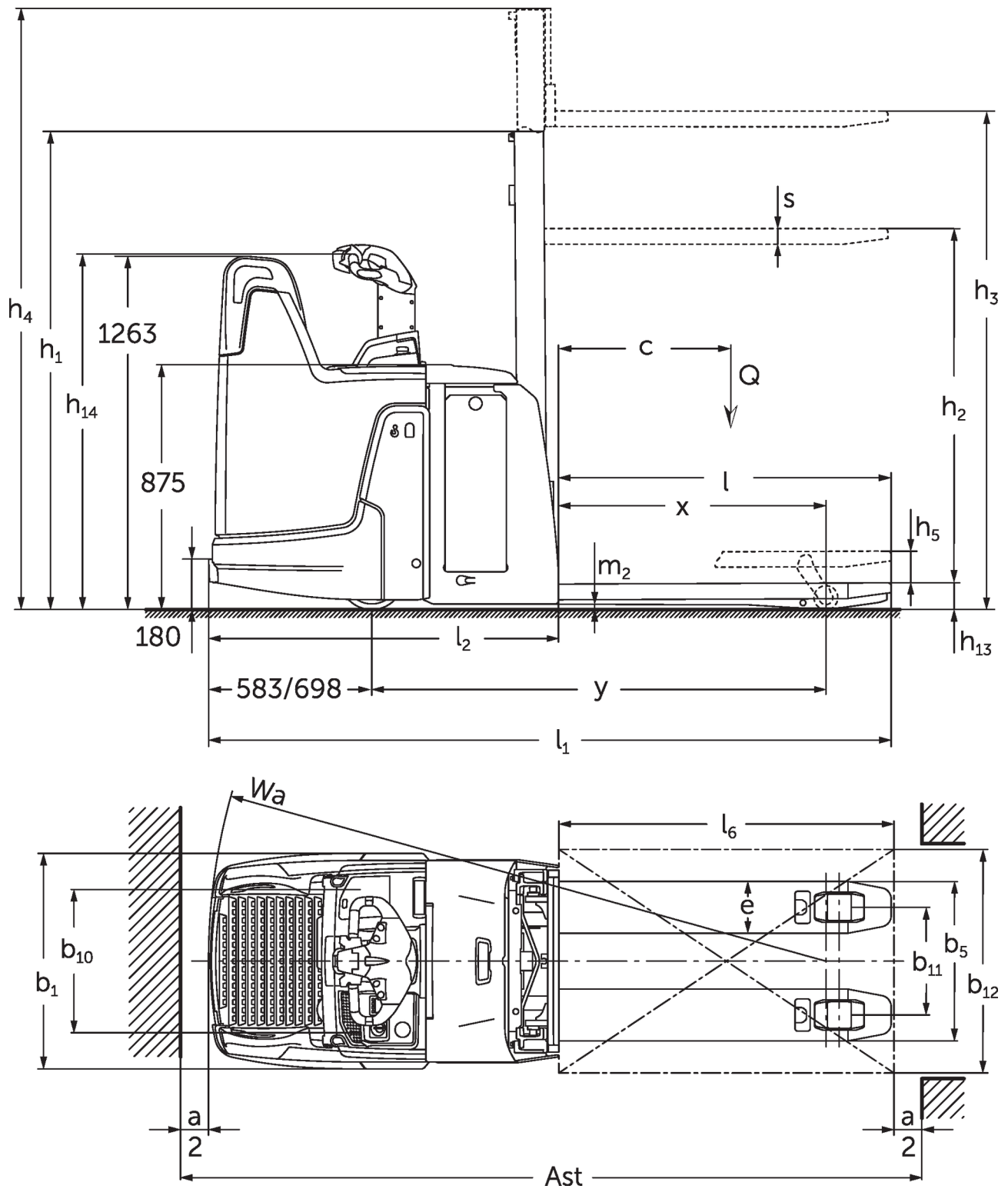


## **Electric pedestrian stacker** **ERD 120 / 220**

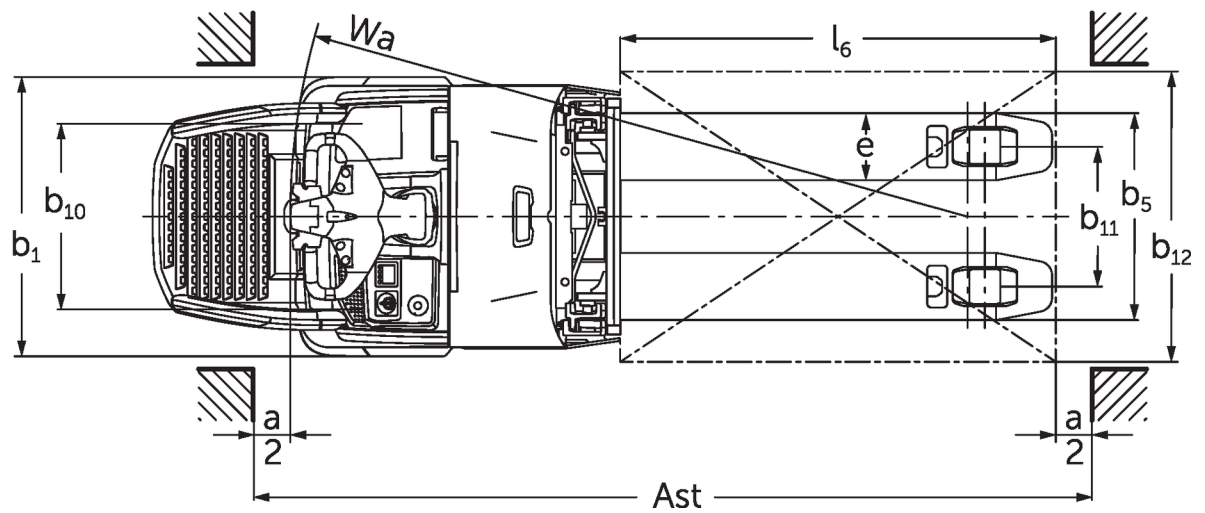
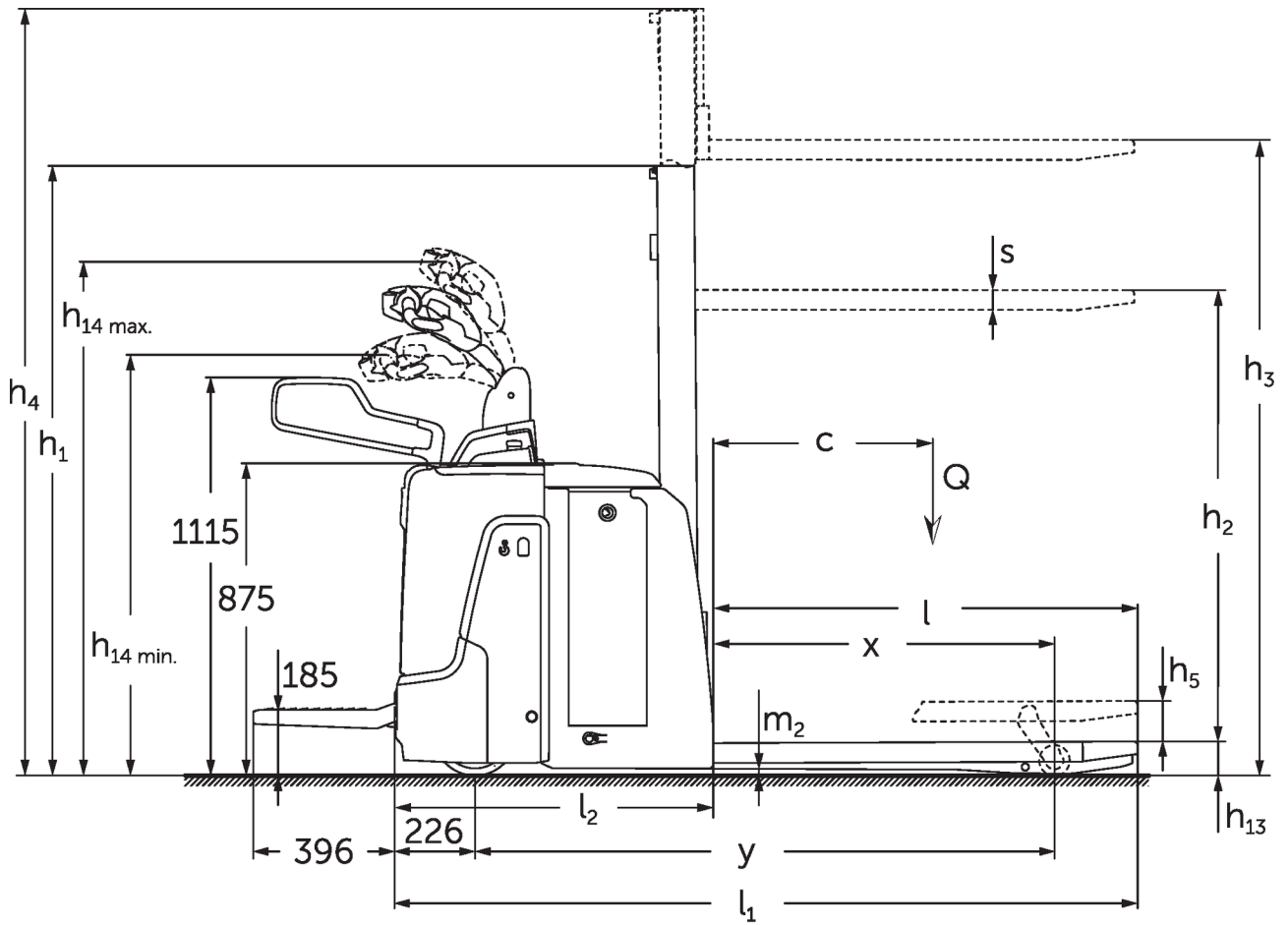
**Lift height: 1500-2905 mm / Load capacity: 2000 kg**

**JUNGHEINRICH**

# ERD 120 / 220



# ERD 120 / 220



# ERD 120 / 220

ERD 120, ERD 220, ERD 220 drivePLUS	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	<b>1660 mm</b>	<b>1306 mm</b>	<b>100 mm</b>	<b>2115 mm</b>
	2010 mm	1481 mm	100 mm	2465 mm
	2100 mm	1526 mm	100 mm	2555 mm
	2560 mm	1756 mm	100 mm	3015 mm
	2900 mm	1926 mm	100 mm	3355 mm
Duplex mast ZZ	<b>2500 mm</b>	<b>1706 mm</b>	<b>1250 mm</b>	<b>2956 mm</b>
	2900 mm	1906 mm	1450 mm	3356 mm
Single mast E	<b>1500 mm</b>	<b>1921 mm</b>	<b>1468 mm</b>	<b>1953 mm</b>
	1660 mm	2081 mm	1628 mm	2113 mm
	2100 mm	2521 mm	2068 mm	2553 mm
Triplex mast DT	<b>2050 mm</b>	<b>1213 mm</b>	<b>100 mm</b>	<b>2513 mm</b>
	2350 mm	1313 mm	100 mm	2813 mm
	2500 mm	1363 mm	100 mm	2963 mm
	2905 mm	1498 mm	100 mm	3368 mm

# VDI table

Stand-on: 10/2020

		Jungheinrich				
		ERD 120	ERD 220	ERD 220 drivePLUS		
Characteristic	1.1	Manufacturer (abbreviated description)				
	1.2	Manufacturer's type designation				
	1.3	Drive	Electric			
	1.4	Operation	Stand-on/pedestrian			
	1.5	Load capacity/load	Q kg	2000		
	1.5.1	Rated capacity/load with mast lift	Q kg	1000		
	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	956		
1.9	Wheelbase	y mm	1624			
Weights	2.1.1	Service weight (incl. battery)	kg	1010		
	2.2	Axle load laden front/rear	kg	1830 / 1185		
	2.3	Axle load unladen front/rear	kg	260 / 750		
Wheels/suspension system	3.1	Tyres	PU			
	3.2	Tyre size, front	ø 230 x 65	ø 230 x 77		
	3.3	Tyre size, rear	ø 85 x 95 / ø 85 x 75			
	3.4	Additional wheels	ø 140 x 50			
	3.5	Wheels, number front/back (x=driven)	1x + 2 / 2 oder 4			
	3.6	Tread width, front	b <sub>10</sub> mm	512		
	3.7	Tread width, rear	b <sub>11</sub> mm	385		
Basic dimensions	4.2	Retracted mast height (h1)	h <sub>1</sub> mm	1306		
	4.3	Free lift (h2)	h <sub>2</sub> mm	100		
	4.4	Lift (h3)	h <sub>3</sub> mm	1660		
	4.5	Extended mast height (h4)	h <sub>4</sub> mm	2115		
	4.6	Initial lift	h <sub>5</sub> mm	110		
	4.9	Height of tiller handle in drive position min./max.	mm	1230 / 1410		
	4.15	Height, lowered	h <sub>13</sub> mm	90		
	4.19	Overall length	l <sub>1</sub> mm	2084		
	4.20	Length including fork shank	l <sub>2</sub> mm	894		
	4.21.1	Overall width	b <sub>1</sub> mm	770		
	4.22	Fork dimensions	s/ e/l mm	56 / 185 / 1190		
	4.25	Width across forks	b <sub>5</sub> mm	570		
	4.32	Ground clearance centre of wheelbase	m <sub>2</sub> mm	19		
	4.34	Aisle width (pallet 1000x1200 sideways)	A <sub>st</sub> mm	2300		
4.34.1	Aisle width (pallet 800x1200 length)	A <sub>st</sub> mm	2310			
4.35	Turning radius	W <sub>a</sub> mm	1866			
Performance data	5.1	Travel speed laden/unladen	km/h	8.2 / 9	9.5 / 12.5   9.5 / 14	
	5.2	Lift speed laden/unladen	m/s	0.17 / 0.32		
	5.3	Lowering speed laden/unladen	m/s	0.45 / 0.35		
	5.7	Gradeability laden/unladen	%	8 / 16	10 / 20	
	5.10	Service brake		generative		
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min	kW	2	2.8   3.2	
	6.2	Lift motor, performance with S3	kW	2.2		
	6.3	Battery according to DIN 43531/35/36		DIN 43535 B		
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 250		

	6.5	Battery weight	kg	235		
	6.6	Energy consumption according to VDI cycle	kWh/h	0		
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.68	0.62	0.71
	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.4	0.3	0.4
	6.7	Throughput	t/h	84	108	
	6.8.1	Energy consumption with max. throughput	kWh/h	0.83	1.44	1.48
Other	8.1	Type of drive control		AC		
	10.7	Sound level as per EN12053, operator's ear	dB (A)	71	68	67
- 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.						

1) All data based on: Stand-on platform: Folding (folded up); battery compartment: M-LBE; mast: ZT1660; fork length: 1190 mm; initial lift: raised 2) Batteries available up to a capacity of 465 Ah. 3) In double-deck applications: Mast lift max. 1 t / overall load max. 2 t 4) Values for folding stand-on platform. With fixed stand-on platform: 1256 mm (1296 mm with L battery compartment high-LBE) or 1204 / 1284 mm with height-adjustable tiller 5) Values for proportional hydraulics. With black/white hydraulics (standard): 0.26 / 0.27 m/s 6) Value for M-LBE battery compartment. M-VBE, L-LBE & L high-LBE: +72 mm; L-VBE: +117 mm 7) Value for fork length 1190 mm. Fork length 1150 mm: -40 mm 8) Value for initial lift raised. Lowered initial lift: +48 mm 9) Value for folding platform folded up. Folding platform folded down: +396 mm; compact, fixed platform: +357 mm; extended, fixed platform: +472 mm; L platform: +477 mm 10) Value for proportional hydraulics. With black/white hydraulics (standard): 1.9 kW 11) Value for ZT mast. Single stage mast: +1 mm; DT mast: +10 mm; ZZ mast: +29 mm

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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