



## Electric pedestrian stacker with support arm lift

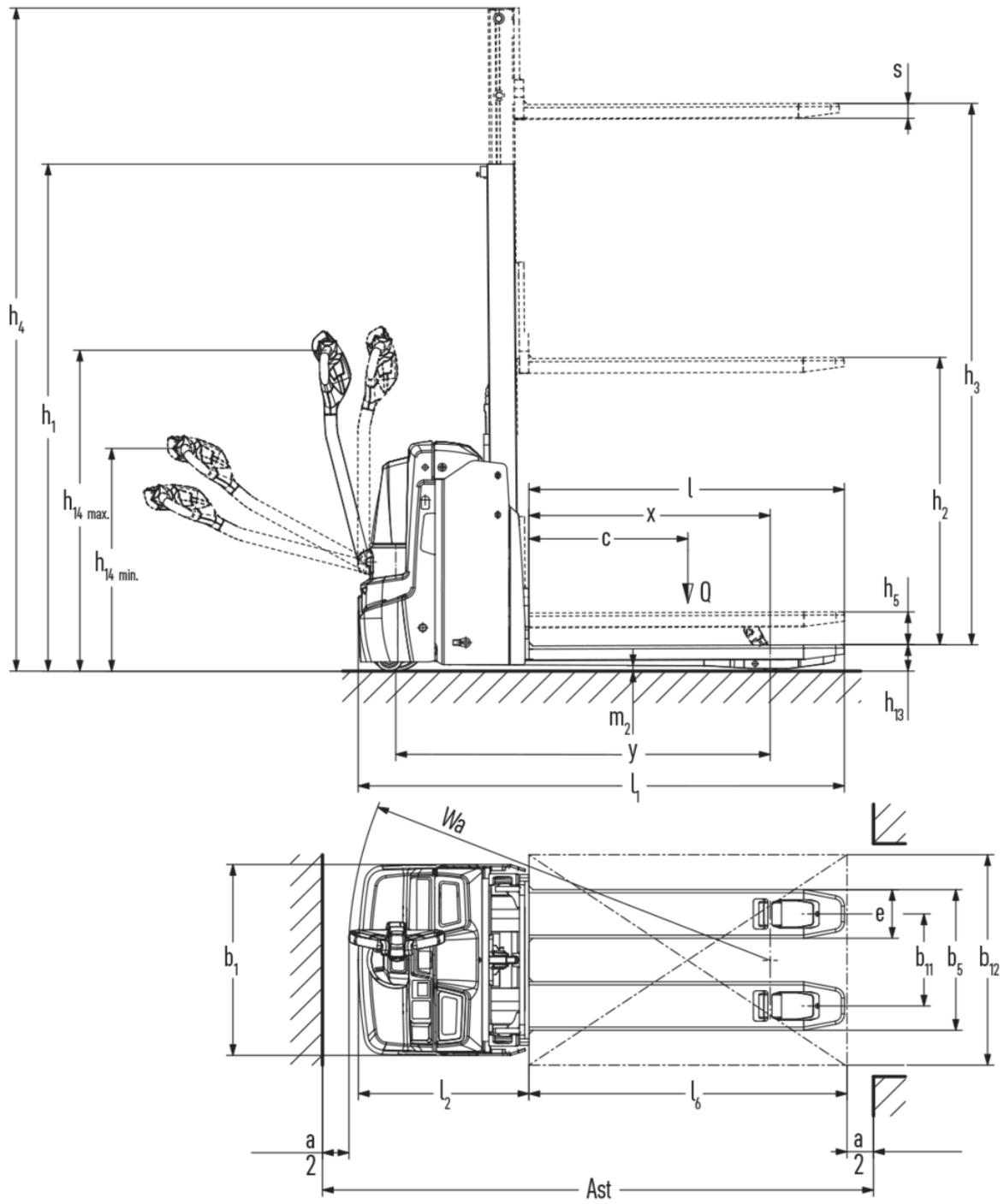
**EJD 120i**

Lift height: 1500-2100 mm / Load capacity: 2000 kg

**LION**  
technology

**JUNGHEINRICH**

# EJD 120i



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EJD 120i	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	1660 mm	1306 mm	100 mm	2115 mm
	2010 mm	1481 mm	100 mm	2465 mm
	2100 mm	1526 mm	100 mm	2555 mm
Single mast E	1500 mm	1921 mm	1468 mm	1953 mm
	1660 mm	2081 mm	1628 mm	2113 mm
	2100 mm	2521 mm	2068 mm	2553 mm

## VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			EJD 120i
	1.3	Drive type			electric
	1.4	Operation			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	953
	1.9	Wheelbase	y	mm	1452
Weights	2.1.1	Service weight (incl. battery)		kg	716
	2.2	Axle load laden front/rear		kg	988 / 1728
	2.3	Axle load unladen front/rear		kg	505 / 211
Wheels/chassis	3.1	Tyres			Polyurethane (PU)
	3.2	Tyre size, front			Ø 230 x 65
	3.3	Tyre size, rear			Ø 85 x 95 / Ø 85 x 75
	3.4	Additional wheels			Ø 100 x 40
	3.5	Wheels, number front/back (x=driven)			1x +2/2 oder 4
	3.6	Tread width, front	b10	mm	520
	3.7	Tread width, rear	b11	mm	350
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	1265
	4.3	Free lift (h2)	h2	mm	90
	4.4	Lift (h3)	h3	mm	1660
	4.5	Extended mast height (h4)	h4	mm	2116
	4.6	Initial lift	h5	mm	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	820 / 1237
	4.15	Height, lowered	h13	mm	93
	4.19	Total length	l1	mm	1834
	4.20	Length including fork shank	l2	mm	644
	4.21.1	total width	b1	mm	726
	4.22	Fork dimensions	s/e/l	mm	68 x 187 x 1190
	4.25	Width across forks	b5	mm	535
	4.32	Ground clearance centre of wheelbase	m2	mm	23
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2293
4.34.8	Aisle width (pallet 800x1200 crosswise)	Ast	mm	2425	
4.35	Turning radius	Wa	mm	1623	
Performance data	5.1	Travel speed laden/unladen		km/h	6 / 6
	5.2	Lift speed laden/unladen		m/s	0.14 / 0.25
	5.3	Lowering speed laden/unladen		m/s	0.31 / 0.25
	5.7	Gradeability laden/unladen		%	8 / 15
	5.8	Max. gradeability laden/unladen		%	8 / 15
	5.10	Service brake			

Electric motor/electronics	6.1	Drive motor, performance S2 60 min	kW	1.1
	6.2	Lift motor, performance with S3	kW	2.2
	6.3	Battery according to DIN 43531/35/36		no
	6.4	Battery voltage/nominal capacity	V / Ah	25.6 / 100
	6.5	Battery weight	kg	35
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.42
	6.6.2	CO2 equivalent according to EN ISO 23308	kg/h0	0.2
	6.7	Throughput	t/h	92
6.8	Turnover efficiency according to VDI 2198	t/kWh	120	
Other	8.1	Type of drive control		AC
	10.7	Sound pressure level according to EN12053	dB (A)	61
- 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 compartment XS, mast ZT1660, radar mast raised.

- VDI No. 1.5: In double-deck operation: mast lift max. 1 t / total load max. 2 t. Permissible up to a lift height  $h_{13} + h_3$  of 1800 mm. The larger load must be transported on the radar arms (below).
- VDI No. 1.8: With lowered radar arms:  $x + 56$  mm.
- VDI No. 1.9: With lowered radar arms:  $y + 56$  mm; With battery compartment S:  $y + 30$  mm.
- VDI No. 4.19: For battery compartment S:  $l_1 + 30$  mm.
- VDI No. 4.20: For battery compartment S:  $l_2 + 30$  mm.
- VDI No. 4.34.1: With lowered radar arms:  $A_{st} + 56$  mm; For battery compartment S:  $A_{st} + 30$  mm.
- VDI No. 4.34.2: With lowered radar arms:  $A_{st} + 56$  mm; With battery compartment S:  $A_{st} + 30$  mm.
- VDI No. 4.35: With lowered radar arms:  $W_a + 56$  mm; With battery compartment S:  $W_a + 30$  mm.
- VDI No. 5.2: Lifting speed with/without load for radar lift: 0.05 / 0.05 km/h.
- VDI No. 5.3: Lowering speed with/without load for radar lift: 0.03 / 0.05 km/h.
- VDI No. 6.2: Characteristic value at S3 = 5% duty cycle.

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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The Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.