

Electric pedestrian stacker with support arm lift

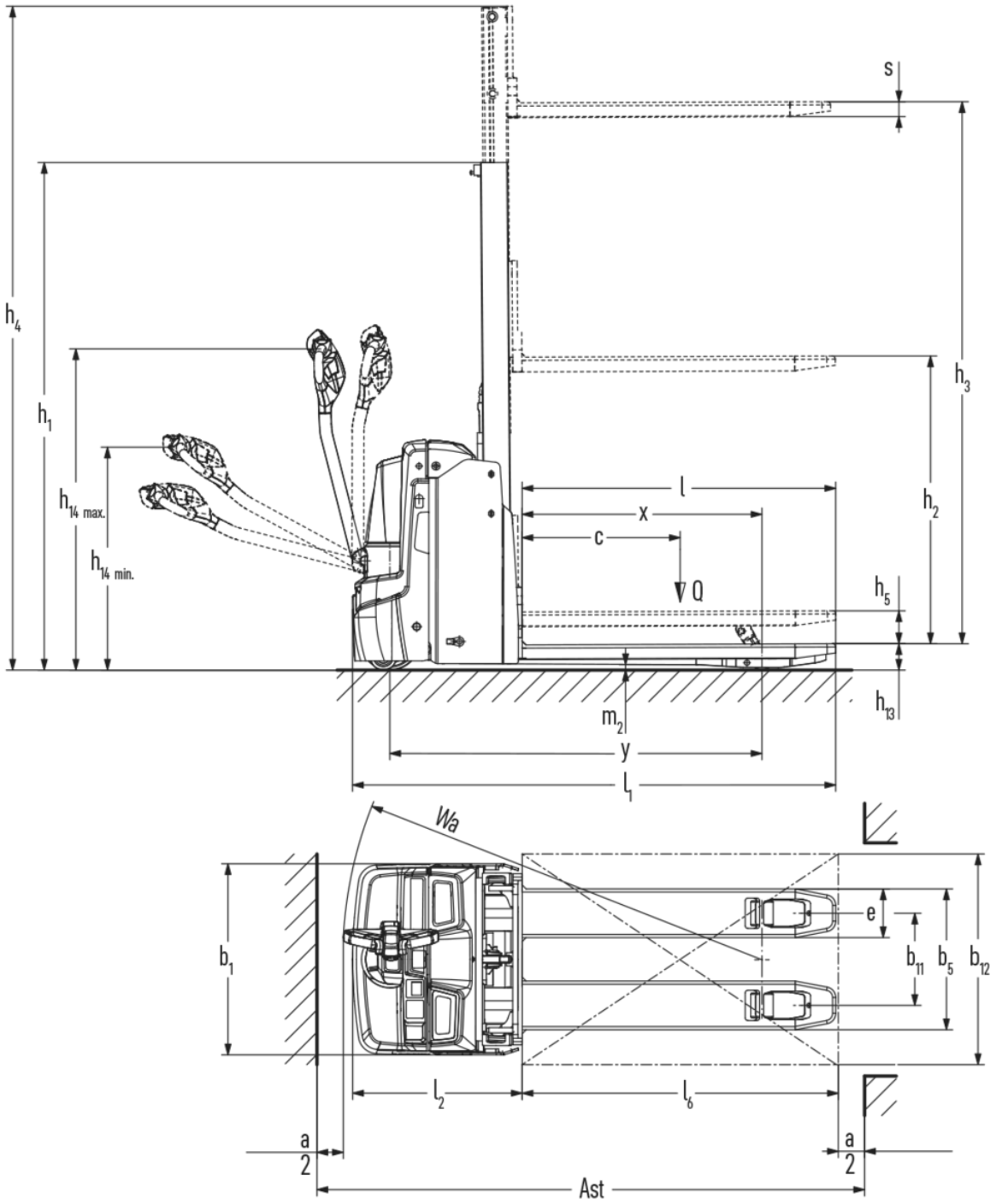
EJD 120i

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

LI-ION technology

JUNGHEINRICH

EJD 120i


s
h4
h1
h14 max.
h14 min.
h3
h2
l
x
c
Q
h5
h13
m2
y
l1
Wa
b1
e
b11
b5
b12
l2
l6
a
2
a
2
Ast

EJD 120i

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 800×1200 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			generative

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/h	0.23
	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 for the XS battery compartment, ZT 1660 mast, raised support arm lift.

- VDI no. 1.5: in double-decker operation: mast lift max. 1 t / total load max. 2 t. Permitted up to a lift height h13 + h3 of 1,800 mm. The heavier load is to be transported on the support arms (below).
- VDI no. 1.8: with lowered support arms: x + 56 mm.
- VDI no. 1.9: with lowered support arms: y + 56 mm; with S battery compartment: y + 30 mm.
- VDI no. 4.19: with S battery compartment: l1 + 30 mm.
- VDI no. 4.20: with S battery compartment: l2 + 30 mm.
- VDI no. 4.34.1: with lowered support arms: aisle width + 54 mm; with S battery compartment: aisle width + 30 mm.
- VDI no. 4.34.2: with lowered support arms: aisle width + 29 mm; with S battery compartment: aisle width + 30 mm.
- VDI no. 4.35: with lowered support arms: Wa + 56 mm; with S battery compartment: Wa + 30 mm.
- VDI no. 5.2: lift speed laden / unladen for support arm lift: 0.05 / 0.05 km/h.
- VDI no. 5.3: lowering speed laden / unladen for support arm lift: 0.03 / 0.05 km/h.
- VDI no. 6.2: specified value with S3 = 5% power-on time.

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.

CE

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