

Electric stand-on and sideways-seated stacker

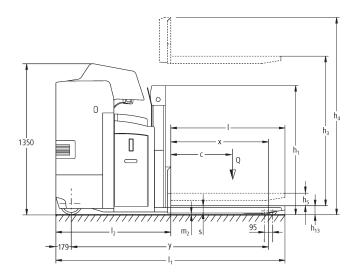
ESD 120

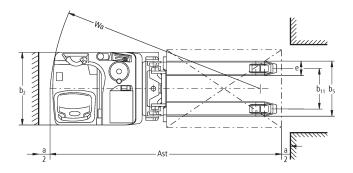
Lift height: 1660-1960 mm / Load capacity: 2000 kg





ESD 120





ESD 120

ESD 120	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplay react 7T	1660 mm	1250 mm	100 mm	2200 mm
Duplex mast ZT	1960 mm	1425 mm	100 mm	2500 mm

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich
	1.2	Manufacturer's type designation			ESD 120
	1.3	Drive			Electric
	1.4	Operation			Stand-on
	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	С	mm	600
	1.8	Load distance, centre of drive axle to fork	Х	mm	930
	1.9	Wheelbase	У	mm	1835
	2.1	tare weight		kg	1258
	2.1.1	Service weight (incl. battery)		kg	1258
10	2.2	Axle load laden front/rear		kg	1220 / 2038
Weights	2.3	Axle load unladen front/rear		kg	884 / 374
e B	3.1	Tyres			Polyurethane (PU)
Wheels/suspension system	3.2	Tyre size, front			Ø 230 x 77
	3.3	Tyre size, rear			Ø 85 x 75
	3.4	Additional wheels			Ø 140 x 57
	3.5	Wheels, number front/back (x=driven)			1 + 1x / 4
	3.6	Tread width, front	b10	mm	485
	3.7	Tread width, rear	b11	mm	380
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	1250
	4.3	Free lift (h2)	h2	mm	100
	4.4	Lift (h3)	h3	mm	1660
	4.5	Extended mast height (h4)	h4	mm	2200
	4.6	Initial lift	h5	mm	105
	4.8	Seat height/stand height	h7	mm	245
	4.15	Height, lowered	h13	mm	95
	4.19	total length	l1	mm	2260
	4.20	Length including fork shank	12	mm	1070
	4.21.1	total width	b1	mm	760
	4.22	Fork dimensions	s/e/l	mm	60 x 190 x 1190
	4.25	Width across forks	b5	mm	570
	4.32	Ground clearance centre of wheelbase	m2	mm	20
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2485

5.1	Travel speed laden/unladen	km/h	10 / 12
5.2	Lift speed laden/unladen	m/s	0.14 / 0.22
5.3	Lowering speed laden/unladen	m/s	0.23 / 0.17
5.8	Max. gradeability laden/unladen	%	6 / 12
5.10	Service brake		generative
6.1	Drive motor, performance S2 60 min	kW	2.8
6.2	Lift motor, performance with S3	kW	2.2
6.3	Battery according to DIN 43531/35/36		В
6.4	Battery voltage/nominal capacity	V / Ah	24 / 375
6.5	Battery weight	kg	297
6.6	Energy consumption according to VDI cycle	kWh/h	0
6.6.1	Energy consumption according to EN cycle	kWh/h	0.66
6.6.2	CO2 equivalent as per EN 16796	kg/h	0.4
8.1	Type of drive control		AC
	5.2 5.3 5.8 5.10 6.1 6.2 6.3 6.4 6.5 6.6 6.6.1 6.6.2	5.2 Lift speed laden/unladen 5.3 Lowering speed laden/unladen 5.8 Max. gradeability laden/unladen 5.10 Service brake 6.1 Drive motor, performance S2 60 min 6.2 Lift motor, performance with S3 6.3 Battery according to DIN 43531/35/36 6.4 Battery voltage/nominal capacity 6.5 Battery weight 6.6 Energy consumption according to VDI cycle 6.6.1 Energy consumption according to EN cycle 6.6.2 CO2 equivalent as per EN 16796	5.2 Lift speed laden/unladen m/s 5.3 Lowering speed laden/unladen m/s 5.8 Max. gradeability laden/unladen % 5.10 Service brake 6.1 Drive motor, performance S2 60 min kW 6.2 Lift motor, performance with S3 kW 6.3 Battery according to DIN 43531/35/36 6.4 Battery voltage/nominal capacity V / Ah 6.5 Battery weight kg 6.6 Energy consumption according to VDI cycle kWh/h 6.6.1 Energy consumption according to EN cycle kWh/h 6.6.2 CO2 equivalent as per EN 16796 kg/h

⁻ 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 L-LBE battery compartment, ZT1660 mast, raised support arm lift.

- VDI no. 1.5: in double-decker mode: mast lift max. 1 t / overall load max. 2 t.
- VDI no. 1.5.2: in double-decker mode: mast lift max. 1 t / overall load max. 2 t.
- VDI no. 1.8: lowered support arm lift: x + 70 mm.
- VDI no. 1.9: lowered support arm lift: y + 70 mm. with XL-LBE battery compartment: y + 72 mm.
- VDI no. 4.19: with XL-LBE battery compartment: l1 + 72 mm.
- VDI no. 4.20: with XL-LBE battery compartment: l2 + 72 mm.
- VDI no. 4.34.1: with XL-LBE battery compartment: aisle width + 72 mm.
- VDI no. 4.35: lowered support arm lift: Wa + 70 mm. with XL-LBE battery compartment: Wa + 72 mm.

