

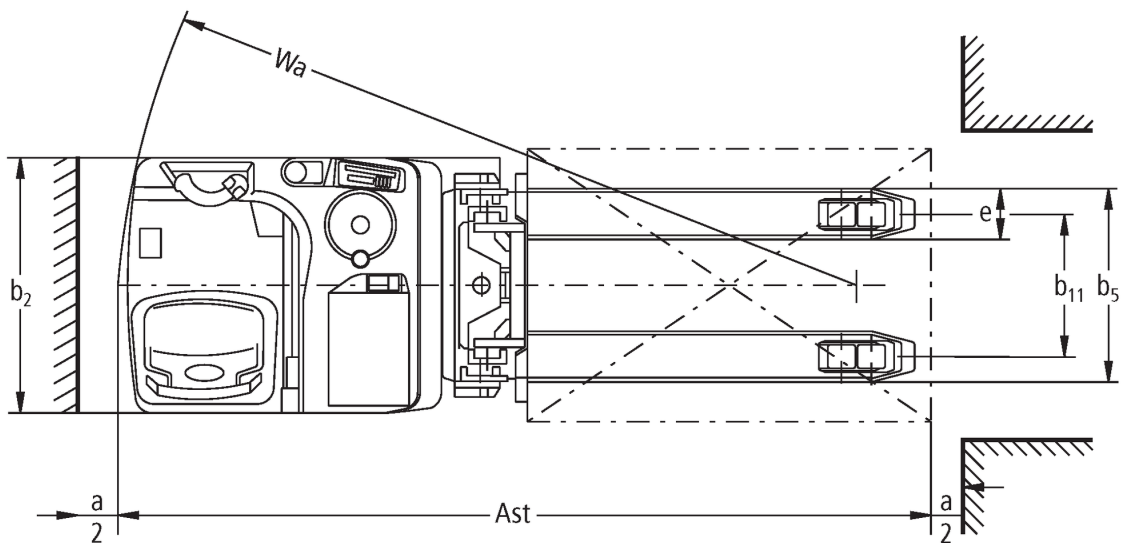
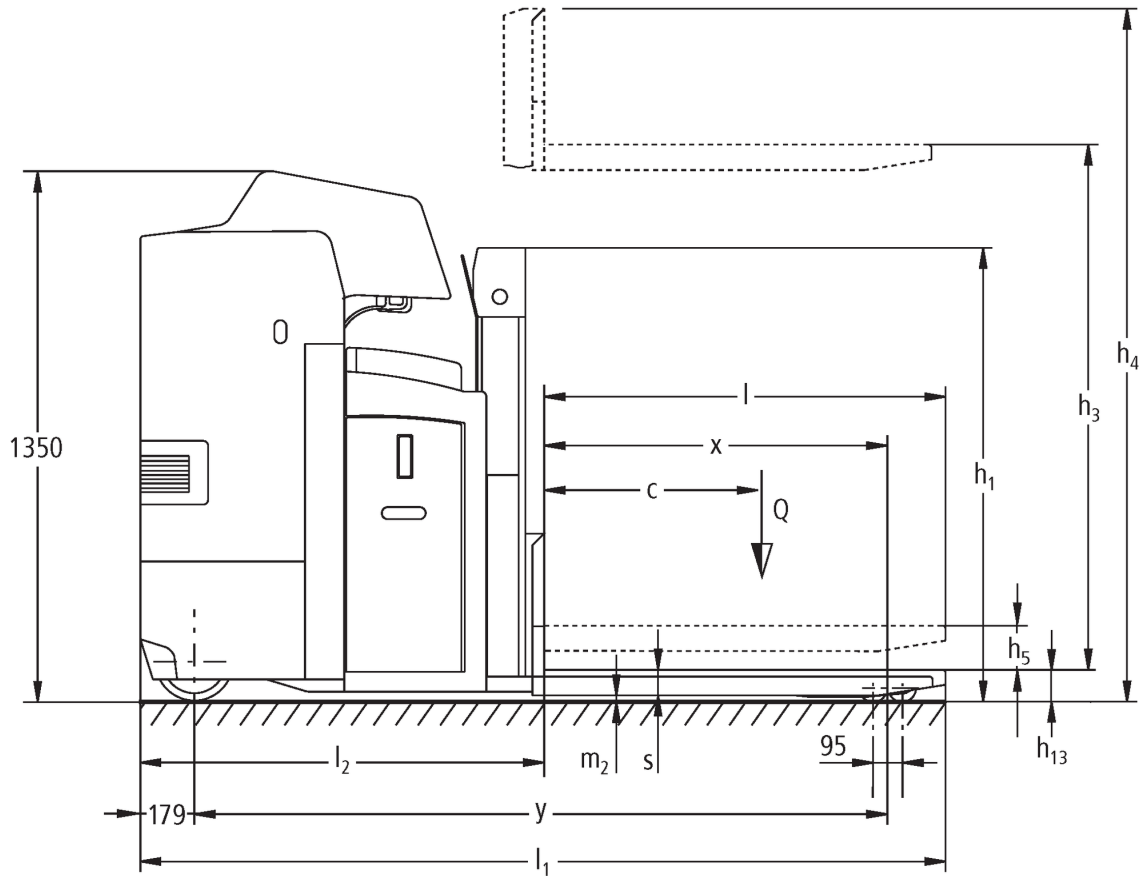


Electric stand-on and sideways-seated stacker

ESD 120 / 220

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

ESD 120 / 220



ESD 120 / 220

ESD 120	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	1660 mm	1250 mm	100 mm	2200 mm
	1960 mm	1425 mm	100 mm	2500 mm
ESD 220	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	1660 mm	1310 mm	100 mm	2150 mm

VDI table

Stand-on: 10/2020

Characteristic	Item	Description	Unit	Jungheinrich	
				ESD 120	ESD 220
Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		ESD 120	ESD 220
	1.3	Drive		Electric	
	1.4	Operation		Stand-on	Seat
	1.5	Load capacity/load	Q kg	2000	
	1.6	Load centre distance	c mm	600	
	1.8	Load distance, centre of drive axle to fork	x mm	930	926
	1.9	Wheelbase	y mm	1835	1734
	Weights	2.1	Service weight	kg	1258
2.1.1		Service weight (incl. battery)	kg	1258	1350
2.2		Axle load laden front/rear	kg	1220 / 2038	1340 / 2010
2.3		Axle load unladen front/rear	kg	884 / 374	982 / 368
Wheels/suspension system	3.1	Tyres		Polyurethane	Vulkollan
	3.2	Tyre size, front		Ø 230 x 77	
	3.3	Tyre size, rear		Ø 85 x 75	Ø 85 x 85
	3.4	Additional wheels		Ø 140 x 57	Ø 140 x 54
	3.5	Wheels, number front/back (x=driven)		1 + 1x / 4	2-1x/4
	3.6	Tread width, front	b ₁₀ mm	485	544
	3.7	Tread width, rear	b ₁₁ mm	380	
Basic dimensions	4.2	Retracted mast height (h1)	h ₁ mm	1250	1310
	4.3	Free lift (h2)	h ₂ mm	100	
	4.4	Lift (h3)	h ₃ mm	1660	
	4.5	Extended mast height (h4)	h ₄ mm	2200	2150
	4.6	Initial lift	h ₅ mm	105	110
	4.8	Seat height/stand height	h ₇ mm	245	950
	4.15	Height, lowered	h ₁₃ mm	90	
	4.19	Overall length	l ₁ mm	2260	2185
	4.20	Length including fork shank	l ₂ mm	1070	995
	4.21.1	Overall width	b ₁ mm	760	820
	4.22	Fork dimensions	s/e/l mm	65 / 190 / 1190	65 / 185 / 1190
	4.25	Width across forks	b ₅ mm	570	
	4.32	Ground clearance centre of wheelbase	m ₂ mm	20	25
	4.34.1	Aisle width (pallet 800x1200 length)	Ast mm	2485	2399
	4.35	Turning radius	W _a mm	2015	1925
Performance data	5.1	Travel speed laden/unladen	km/h	10 / 12	9.1 / 9.1
	5.2	Lift speed laden/unladen	m/s	0.14 / 0.22	0.2 / 0.39
	5.3	Lowering speed laden/unladen	m/s	0.23 / 0.17	0.47 / 0.47
	5.8	Max. gradeability laden/unladen	%	6 / 12	8 / 14
	5.10	Service brake		generative	
E - motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	2.8	
	6.2	Lift motor, performance with S3	kW	2.2	3
	6.3	Battery according to DIN 43531/35/36		B	no
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 375	24 / 465
	6.5	Battery weight	kg	297	380
	6.6	Energy consumption according to VDI cycle	kWh/h	0	
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.66	0.61

	6.6.2	CO2 equivalent as per EN 16796	kg/h	0.4	0.3
Other	8.1	Type of drive control		AC	
- 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.					

- 1.5: For ESD 220 mast lift capacity: max. 1 t - 1.8: For ESD 220 load section lowered: + 78 mm - 1.9: For load section lowered: ESD 120 +70 mm, ESD 220 + 78 mm - 4.35: For ESD 220 load section lowered: + 78 mm

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**

The logo features a red upward-pointing arrow integrated into the letter 'J' of the word 'JUNGHEINRICH', which is written in a bold, black, sans-serif font.