

Electric sideways-seated pallet truck

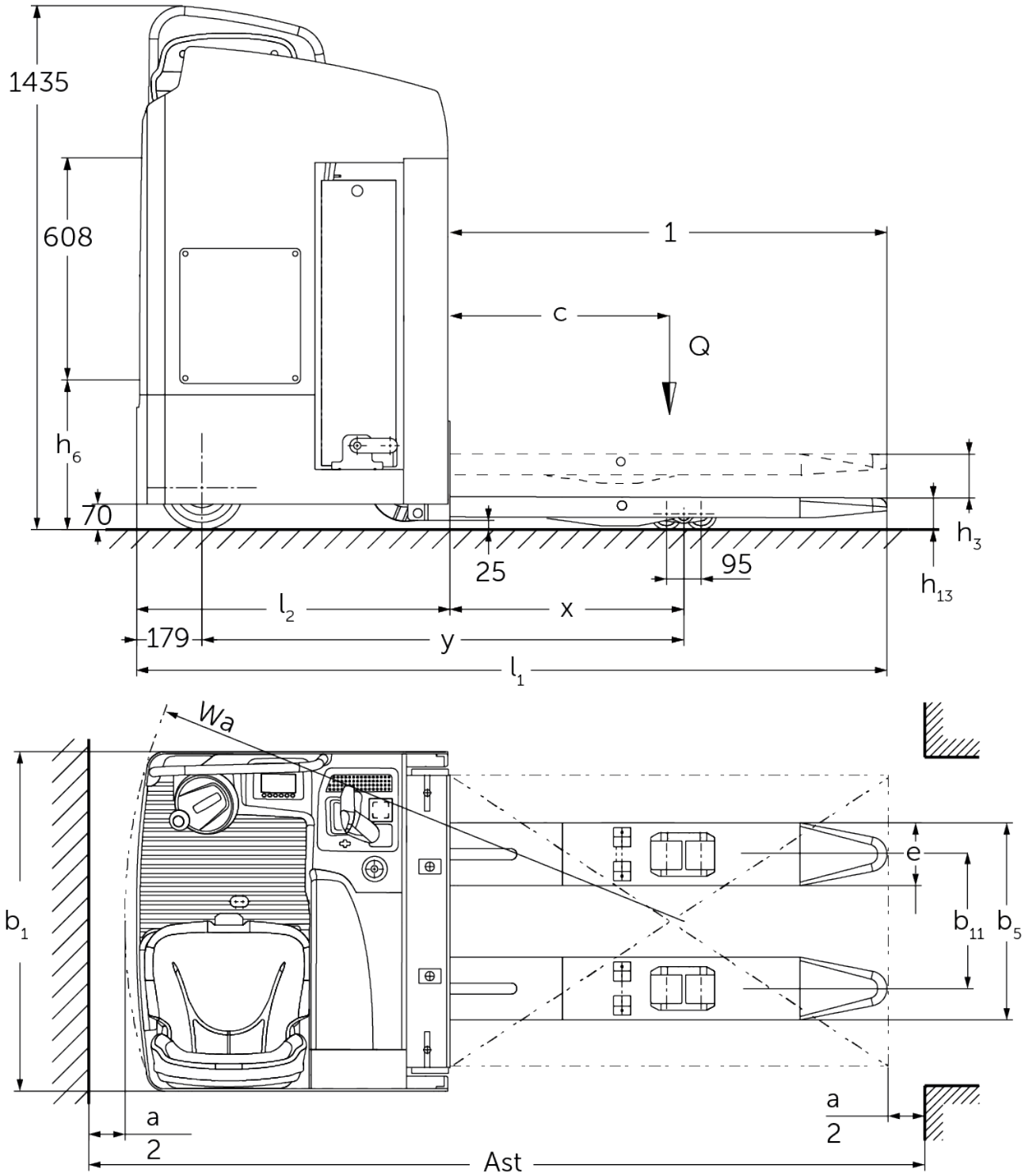
ESE 220–320

Lift height: 125 mm / Load capacity: 2000 kg

LI-ION technology

JUNGHEINRICH

ESE 220–320



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich	
	1.2	Manufacturer's type designation			ESE 220	ESE 320
	1.3	Drive type			electric	
	1.4	Operation			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	868	
	1.9	Wheelbase	y	mm	1548	
Weights	2.1.1	Service weight (incl. battery)		kg	1062	1074
	2.2	Axle load laden front/rear		kg	1896 / 1142	1902 / 1182
	2.3	Axle load unladen front/rear		kg	258 / 808	264 / 816
Wheels/chassis	3.1	Tyres			Polyurethane (PU)	
	3.2	Tyre size, front			Ø 230 x 78	
	3.3	Tyre size, rear			Ø 85x85	
	3.4	Additional wheels			Ø 140 x 54	
	3.5	Wheels, number front/back (x=driven)			2 + 1x / 4	
	3.6	Tread width, front	b10	mm	544	645
	3.7	Tread width, rear	b11	mm	385	
Basic dimensions	4.4	Lift (h3)	h3	mm	125	
	4.8	Seat height/stand height	h7	mm	1020	
	4.15	Height, lowered	h13	mm	90	
	4.19	Total length	l1	mm	2009	
	4.20	Length including fork shank	l2	mm	859	
	4.21.1	total width	b1	mm	820	930
	4.22	Fork dimensions	s/e/l	mm	60 x 172 x 1150	
	4.25	Width across forks	b5	mm	540	
	4.32	Ground clearance centre of wheelbase	m2	mm	25	
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2259	
	4.35	Turning radius	Wa	mm	1739	1751
Performance data	5.1	Travel speed laden/unladen		km/h	10 / 12.5	
	5.2	Lift speed laden/unladen		m/s	0.06 / 0.07	
	5.3	Lowering speed laden/unladen		m/s	0.06 / 0.05	
	5.8	Max. gradeability laden/unladen		%	8 / 13	
	5.10	Service brake			electric	

Electric motor/electronics	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		no	
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 465	
	6.5	Battery weight	kg	380	
	6.6	Energy consumption according to VDI cycle	kWh/h	0	
	6.6.1	Energy consumption according to EN cycle	kWh/h	0.41	0.43
	6.6.2	CO2 equivalent according to EN ISO 23308	kg/h	0.22	0.23
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.

The values in the table apply for the width across forks 540 mm, fork length 1,150 mm, raised support arm lift.
- VDI no. 1.8: lowered support arm lift: x + 95 mm.
- VDI no. 1.9: lowered support arm lift: y + 95 mm.
- VDI no. 4.35: lowered support arm lift: Wa + 95 mm.

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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