



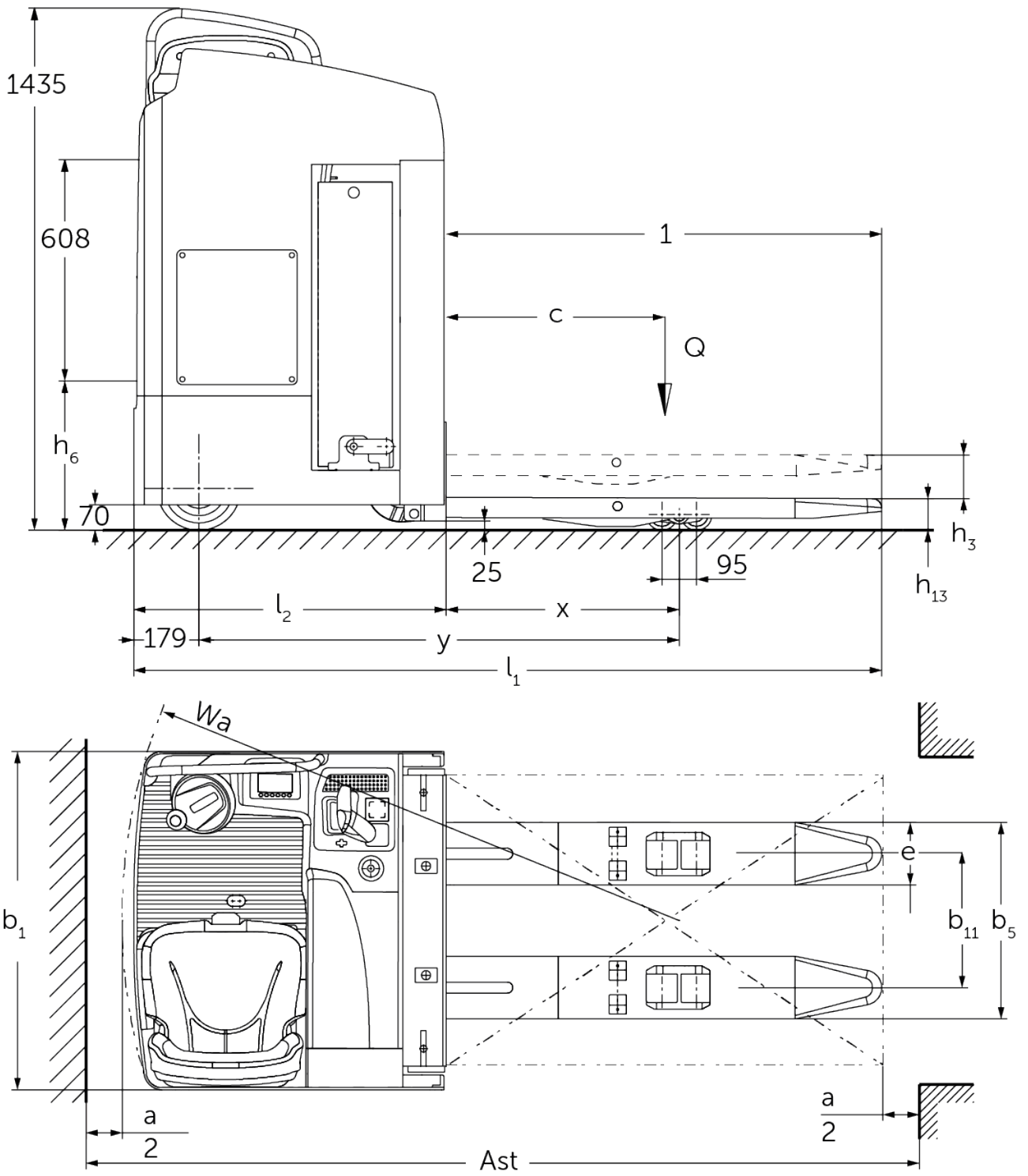
## Electric sideways-seated pallet truck

**ESE 220–320**

Lift height: 125 mm / Load capacity: 2000 kg



# ESE 220-320



## VDI table

Characteristic	Item	Description	Unit	Jungheinrich		
				ESE 220	ESE 320	
Characteristic	1.1	Manufacturer (abbreviated description)				
	1.2	Manufacturer's type designation				
	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
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/h0	0.2	

Other	8.1	Type of drive control	AC
<p>- 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.</p>			

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:  $W_a + 95$  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.



 **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.