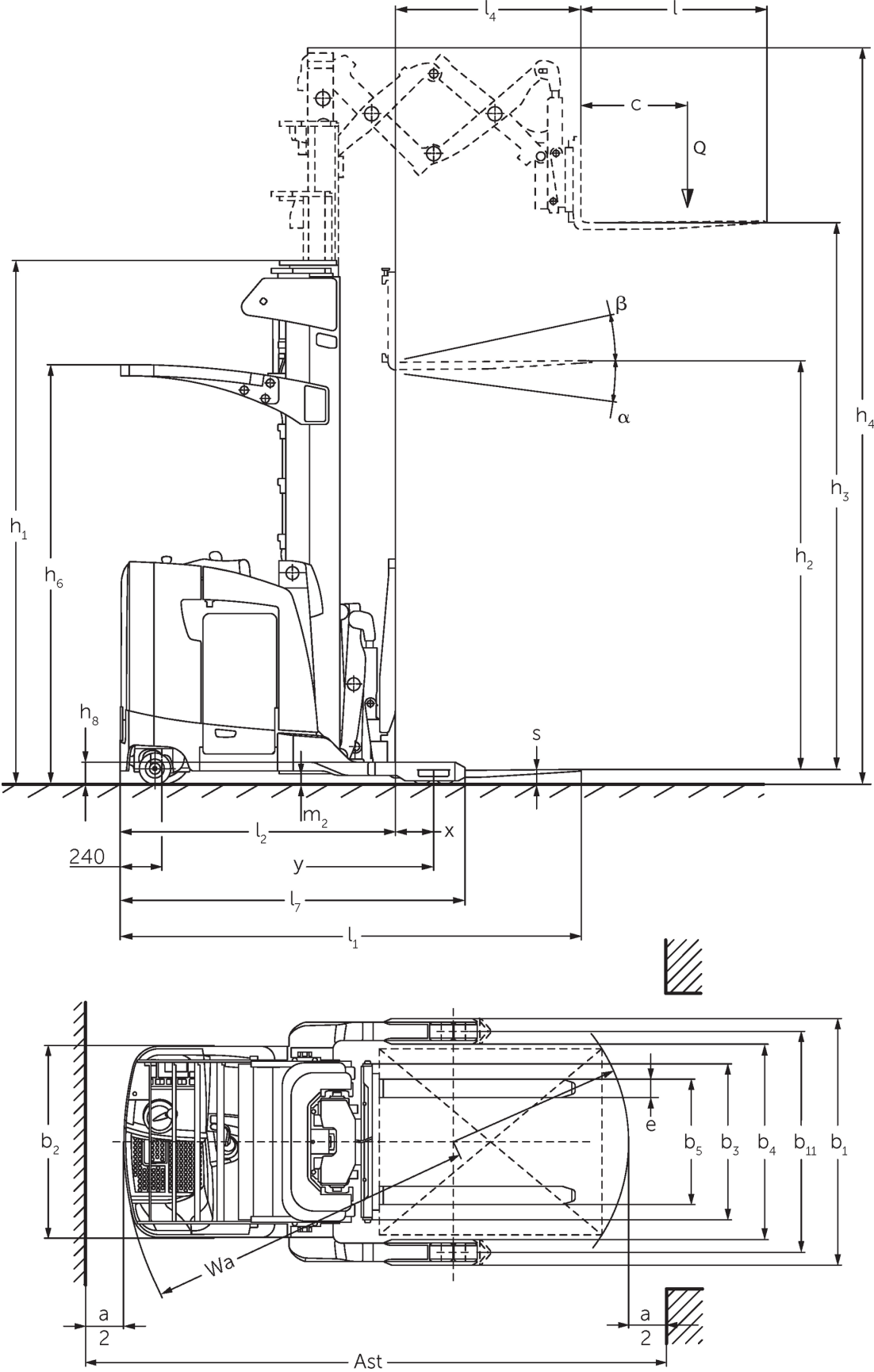




36-V pantograph reach forklift truck **ETR 230 / 235**

Lift height: 4953-7595 mm / Load capacity: 1400-1600 kg

ETR 230 / 235



ETR 230 / 235

ETR 230	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Forward/backward tilt of fork carriage
Triplex mast DZ	4953 mm	2261 mm	965 mm	6248 mm	3 / 4 °
	5309 mm	2413 mm	1118 mm	6604 mm	3 / 4 °
	6071 mm	2718 mm	1423 mm	7366 mm	3 / 4 °
	6452 mm	2870 mm	1575 mm	7747 mm	3 / 4 °
	6833 mm	3023 mm	1727 mm	8128 mm	3 / 4 °
	7214 mm	3175 mm	1880 mm	8509 mm	3 / 4 °
	7595 mm	3327 mm	2032 mm	8890 mm	3 / 4 °
ETR 235	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Forward/backward tilt of fork carriage
Triplex mast DZ	4953 mm	2261 mm	965 mm	6248 mm	3 / 4 °
	5309 mm	2413 mm	1118 mm	6604 mm	3 / 4 °
	6071 mm	2718 mm	1423 mm	7366 mm	3 / 4 °
	6452 mm	2870 mm	1575 mm	7747 mm	3 / 4 °
	6833 mm	3023 mm	1727 mm	8128 mm	3 / 4 °
	7214 mm	3175 mm	1880 mm	8509 mm	3 / 4 °
	7595 mm	3327 mm	2032 mm	8890 mm	3 / 4 °

VDI table

Stand-on: 03/2024

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich	
	1.2	Manufacturer's type designation			ETR 230	ETR 235
	1.3	Drive			Electric	
	1.4	Operation			Sideways stand-on	
	1.5	Load capacity/load	Q	kg	1400	1600
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	480	
	1.9	Wheelbase	y	mm	1511	1562
Weights	2.1	tare weight		kg	4010	
	2.3	Axle load unladen front/rear		kg	2304 / 1470	
	2.4	Axle load fork forward laden front/rear		kg	1138 / 4602	
	2.5	Axle load fork back laden front/rear		kg	2018 / 3724	
Wheels/suspension system	3.1	Tyres			Polyurethane (PU)	
	3.2	Tyre size, front			Ø 343 x 140	
	3.3	Tyre size, rear			Ø 127 x 73	Ø 127 x 92
	3.4	Additional wheels			Ø 180 x 100	
	3.5	Wheels, number front/back (x=driven)			1x + 1/2	
	3.7	Tread width, rear	b11	mm	979	
Basic dimensions	4.2	Retracted mast height (h1)	h1	mm	2720	
	4.3	Free lift (h2)	h2	mm	1500	
	4.4	Lift (h3)	h3	mm	6071	
	4.5	Extended mast height (h4)	h4	mm	7370	
	4.7	Height of overhead guard (cab)	h6	mm	2413	
	4.8	Seat height/stand height	h7	mm	250	
	4.10	Height of support arms	h8	mm	127	
	4.19	total length	l1	mm	2382	2999
	4.20	Length including fork shank	l2	mm	1315	1366
	4.21.1	total width	b1	mm	1081	1117
	4.21.2	total width	b2	mm	1054	
	4.22	Fork dimensions	s/e/l	mm	35 x 100 x 1070	
	4.23	Fork carriage connection class			2A	
	4.24	Fork carriage width	b3	mm	826	
	4.26	Width between support arms/loading areas	b4	mm	838	
	4.28	Reach distance		mm	610	
	4.32	Ground clearance centre of wheelbase	m2	mm	51	
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast	mm	2773	2824
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	2812	2863
	4.34.8	Aisle width (pallet 800x1200 crosswise)	Ast	mm	2652	2703
	4.35	Turning radius	Wa	mm	1750	1801
	4.37	Length over the support arms	L7	mm	1881	1932
Performance data	5.1	Travel speed laden/unladen		km/h	11 / 12.1	
	5.2	Lift speed laden/unladen		m/s	0.55 / 0.6	
	5.3	Lowering speed laden/unladen		m/s	0.55 / 0.55	
	5.4	Reach speed laden/unladen		m/s	0.28 / 0.3	
	5.7	Gradeability laden/unladen		%	9 / 11	
	5.8	Max. gradeability laden/unladen		%	11 / 16	
	5.9	Acceleration time laden/unladen		s	4.9 / 4.4	
	5.10	Service brake			electromagnetic/generative	

	5.11	Parking brake		electromagnetic	
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min	kW	4.5	
	6.2	Lift motor, performance with S3	kW	20	
	6.4	Battery voltage/nominal capacity	V / Ah	36 / 775	
	6.5	Battery weight	kg	816	907
Other	8.1	Type of drive control		Mosfet/AC	
	10.5	Steering version		electric	
	10.7	Sound level as per EN12053, operator's ear	dB (A)	70	
- 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 German production facilities in
Norderstedt, Moosburg and Landsberg
are certified as well as our Genuine Parts
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 **JUNGHEINRICH**