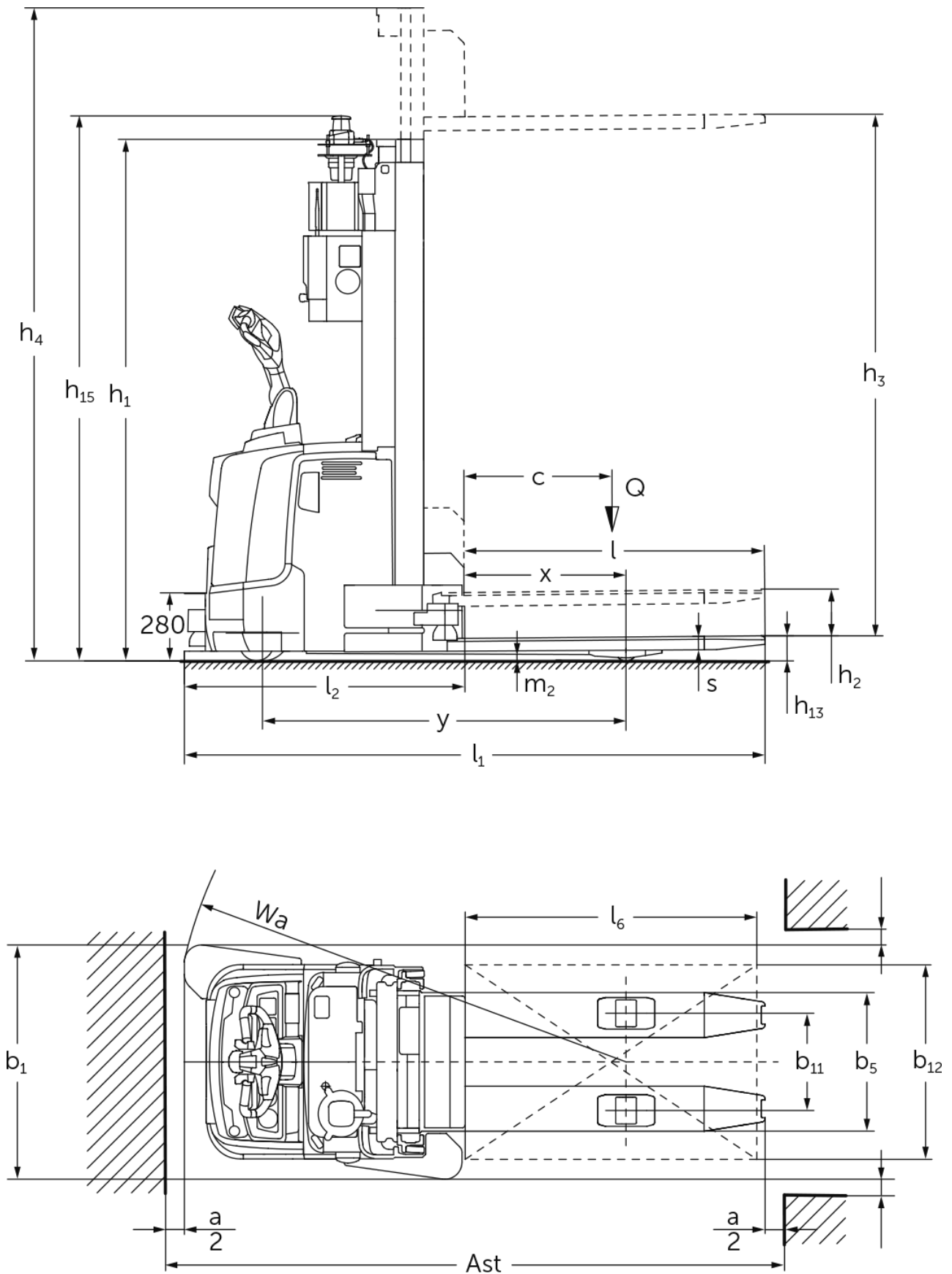




Mobile robot high-stack applications **ERC 213a / 217a**

Lift height: 3100-4400 mm / Load capacity: 1300-1700 kg

ERC 213a / 217a



ERC 213a / 217a

ERC 213a	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	3100 mm	2150 mm	200 mm	3625 mm
	3800 mm	2500 mm	200 mm	4325 mm
	4400 mm	2750 mm	200 mm	4925 mm
ERC 217a	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	2840 mm	2150 mm	200 mm	3495 mm
	3540 mm	2500 mm	200 mm	4195 mm

VDI table

Stand-on: 03/2025

				Jungheinrich			
Characteristic	1.1	Manufacturer (abbreviated description)					
	1.2	Manufacturer's type designation		ERC 213a	ERC 217a		
	1.3	Drive type		electric			
	1.4	Operation		Automatic			
	1.5	Load capacity/load	Q	kg	1300	1700	
	1.6	Load centre distance	c	mm	600		
	1.8	Load distance, centre of drive axle to fork	x	mm	659		
	1.9	Wheelbase	y	mm	1496		
Weights	2.1.1	Service weight (incl. battery)		kg	1410	1460	
	2.2	Axle load laden front/rear		kg	1060 / 1650	1080 / 2080	
	2.3	Axle load unladen front/rear		kg	985 / 425	1000 / 410	
Wheels/suspension system	3.1	Tyres		Polyurethane (PU)			
	3.2	Tyre size, front		Ø 230 x 77			
	3.3	Tyre size, rear		Ø 85 x 110	Ø 85 x 85		
	3.4	Additional wheels		Ø 140 x 54			
	3.5	Wheels, number front/back (x=driven)		1x + 1 / 2	1x + 1 / 4		
	3.7	Tread width, rear	b11	mm	400		
Basic dimensions	4.2	Retracted mast height (h1)		h1	mm	2075	
	4.2.1	Total height		h15	mm	2285	
	4.4	Lift (h3)		h3	mm	3100	2840
	4.5	Extended mast height (h4)		h4	mm	3650	3520
	4.15	Height, lowered		h13	mm	90	
	4.19	Total length		l1	mm	2393	
	4.20	Length including fork shank		l2	mm	1158	
	4.21.1	total width		b1	mm	965	
	4.22	Fork dimensions		s/e/l	mm	56 x 185 x 1235	
	4.25	Width across forks		b5	mm	570	
4.32	Ground clearance centre of wheelbase		m2	mm	28	20	
Performance data	5.1	Travel speed laden/unladen		km/h	9 / 9	7 / 7	
	5.10	Service brake		generative			
E-motor/ Electronics	6.1	Drive motor, performance S2 60 min		kW	3.2	2.8	
	6.2	Lift motor, performance with S3		kW	3		
	6.3	Battery according to DIN 43531/35/36		B 3 PzS			
	6.4	Battery voltage/nominal capacity		V / Ah	24 / 375		
	6.5	Battery weight		kg	273		
Other	8.1	Type of drive control		AC speedCONTROL			
	10.7	Schalldruckpegel nach EN12053		dB (A)	64		

- 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.

- 4.2.1: with additional options (such as auto charging, Floor-Spot, detection of raised obstacles) h15 + 100 mm.

- 5.1: in manual operation 3.0 km/h. Travel speeds in load direction: max. 5.4 km/h (1.5 m/s).
- 5.1: for the ERC 213a with Efficiency performance package 7.0 / 7.0 km/h
- 6.1: for the ERC 213a with Efficiency performance package: 2.8 kW

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**