



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

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



# 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: 04/2024

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		ERC 213a	ERC 217a
	1.3	Drive		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	Sound level as per EN12053, operator's ear	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**