



Automated Guided Vehicle System high rack stacker

ETX 513a / 515a

Lift height: 10000-13000 mm / Capacity: 1250-1500 kg

VDI table

Stand-on: 01/2020

Characteristic	Item	Description	Unit	Jungheinrich		
				ETX 513a	ETX 515a	
Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich		
	1.2	Manufacturer's type designation		ETX 513a	ETX 515a	
	1.3	Drive		Electric		
	1.4	Operation		Tri-lateral stacker		
	1.5	Capacity/load	Q	kg	1.250	1.500
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	168	193
	1.9	Wheelbase	y	mm	1.764	2.094
	Weights	2.1	Service weight		kg	6.540
2.2		Axle load laden front/rear		kg	5.736 / 2.058	6.540 / 2.490
2.3		Axle load unladen front/rear		kg	3.810 / 2.730	4.350 / 3.180
Wheels/ suspension system	3.1	Tyres		Vulkollan		
	3.2	Tyre size, front		Ø 295 x 144	Ø 380 x 192	
	3.3	Tyre size, rear		Ø 400 x 160		
	3.5	Wheels, number front/back (x=driven)		2 / 1x		
Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm	3.820	3.920
	4.4	Lift (h3)	h ₃	mm	10.000	13.000
	4.5	Extended mast height (h4)	h ₄	mm	6.650	6.750
	4.7	Height of overhead guard (cab)	h ₆	mm	2.461	
	4.19	Overall length	l ₁	mm	3.176	3.475
	4.20	Length including fork shank	l ₂	mm	3.176	3.475
	4.21	Overall width	b ₁ /b ₂	mm	1.210	
	4.22	Fork dimensions	s/e/l	mm	40 / 120 / 1.200	50 / 120 / 1.200
	4.31	Ground clearance laden under mast	m ₁	mm	80	
	4.35	Turning radius	W _a	mm	2.135	2.460
Performance data	5.1	Travel speed laden/unladen		km/h	10.5 / 10.5	
	5.2	Lift speed laden/unladen		m/s	0.45 / 0.46	
	5.3	Lowering speed laden/unladen		m/s	0.48 / 0.48	
	5.10	Service brake			generative	
	5.11	Parking brake			Electric sprung-loaded	
E-motor/ Electronics	6.3	Battery according to DIN 43531/35/36			3 PzS 465	5 PzS 775
	6.4	Battery voltage / nominal capacity		V / Ah	80 / 465	80 / 775
	6.5	Battery weight		kg	1.238	1.863
Miscellaneous	8.1	Type of drive control			AC drive control system	
	10.5	Steering version			electric	
	10.7	Sound level as per EN12053, operator's ear		dB (A)	65	

- In accordance with VDI Guideline 2198 this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

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.