



Automated Guided Vehicle System high rack stacker

ETX 513a / 515a

Lift height: 10000-13000 mm / Load capacity: 1250-1500 kg

JUNGHEINRICH

VDI table

Stand-on: 05/2021

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	Load capacity/load	Q	kg	1250	1500
	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	1764	2094
Weights	2.1	Service weight			6540	7530
	2.2	Axle load laden front/rear			5736 / 2058	6540 / 2490
	2.3	Axle load unladen front/rear			3810 / 2730	4350 / 3180
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	3820	3920
	4.4	Lift (h3)	h ₃	mm	10000	13000
	4.5	Extended mast height (h4)	h ₄	mm	6650	6750
	4.7	Height of overhead guard (cab)	h ₆	mm	2461	
	4.19	Overall length	l ₁	mm	3176	3475
	4.20	Length including fork shank	l ₂	mm	3176	3475
	4.21.1	Overall width	b ₁	mm	1210	
	4.22	Fork dimensions	s/e/l	x	40 x 120 x 1200	50 x 120 x 1200
	4.31	Ground clearance laden under mast	m ₁	mm	80	
4.35	Turning radius	W _a	mm	2135	2460	
Performance data	5.1	Travel speed laden/unladen			10.5 / 10.5	
	5.2	Lift speed laden/unladen			0.45 / 0.46	
	5.3	Lowering speed laden/unladen			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		1238	1863
Other	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	

- 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.

ISO 9001
ISO 14001

 **JUNGHEINRICH**