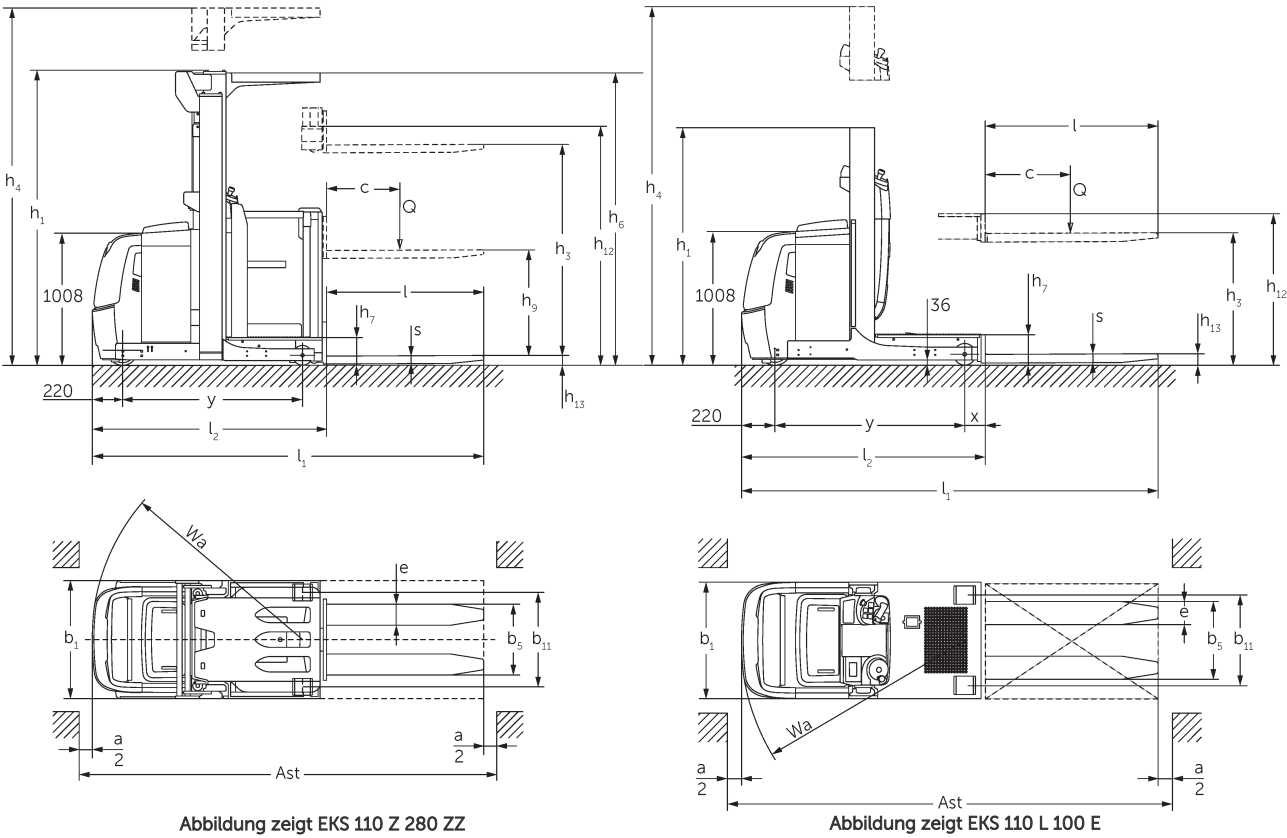




Medium/high level order picker **EKS 110 (NA)**

Lift height: 1000-2800 mm / Load capacity: 1000 kg

EKS 110 (NA)



VDI table

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		EKS 110 Z 190 E NA	EKS 110 Z 280 ZZ NA
	1.3	Drive type		electric	
	1.4	Operation		Order pickers	
	1.5	Load capacity/load	Q kg	1000	
	1.6	Load centre distance	c mm	600	
	1.8	Load distance, centre of drive axle to fork	x mm	148	185
	1.9	Wheelbase	y mm	1330	1385
Weights	2.1.1	Service weight (incl. battery)	kg	1953	2390
	2.2	Axle load laden front/rear	kg	504 / 2449	754 / 2636
	2.3	Axle load unladen front/rear	kg	1079 / 874	1328 / 1062
Wheels/suspension system	3.1	Tyres		Vulkollan ®	
	3.2	Tyre size, front		ø 230 x 80	
	3.3	Tyre size, rear		ø 150 x 130	
	3.5	Wheels, number front/back (x=driven)		1x / 2	
	3.7	Tread width, rear	b11 mm	630	720
Basic dimensions	4.2	Retracted mast height (h1)	h1 mm	2560	2250
	4.4	Lift (h3)	h3 mm	1900	2800
	4.5	Extended mast height (h4)	h4 mm	4130	5030
	4.7	Height of overhead guard (cab)	h6 mm	2230	
	4.8.1	Stand height	h7 mm	200	
	4.11	Additional lift	h9 mm	800	
	4.14	Stand height, elevated	h12 mm	2100	3000
	4.15	Height, lowered	h13 mm	80	
	4.19	Total length	l1 mm	2895	2985
	4.20	Length including fork shank	l2 mm	1695	1785
	4.21.1	Total width	b1 mm	810	900
	4.22	Fork dimensions	s/ e/l mm	60 x 160 x 1200	
	4.25	Width across forks	b5 mm	540	
	4.26	Width between support arms/loading areas	b4 mm	430	520
	4.27	Width over guide rollers	b6 mm	970	1060
	4.31	Ground clearance laden under mast	m1 mm	35	
	4.34.1	Aisle width (pallet 1000x1200 sideways)	Ast mm	3039	3127
	4.34.2	Aisle width (pallet 800x1200 length)	Ast mm	3154	3245
	4.35	Turning radius	Wa mm	1548	1603

Performance data	5.1	Travel speed laden/unladen (Efficiency drivePLUS)	km/h	9 / 9 9.5 / 12	9 / 9 9 / 11
	5.2	Lift speed laden/unladen	m/s	0.15 / 0.2	0.23 / 0.31
	5.3	Lowering speed laden/unladen	m/s	0.23 / 0.22	0.28 / 0.26
	5.7	Gradeability laden/unladen	%	5 / 10	
	5.10	Service brake		generative	
	5.11	Parking brake		Electromagnetic spring-loaded brake system	
E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	3.2	
	6.2	Lift motor, performance with S3	kW	3	6
	6.3	Battery according to DIN 43531/35/36		DIN 43535 B	
	6.4	Battery voltage/nominal capacity	V / Ah	24 / 620	
	6.5	Battery weight	kg	480	
Other	8.1	Type of drive control		AC	
	10.5	Steering version		Electric power steering	
	10.7	Schalldruckpegel nach EN12053	dB (A)	61	
- 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: L100E with overhead guard 2,230 mm
- 4.5: L100E with overhead guard 3,230 mm
- 4.7: L100E and Z100E overhead guard optional