

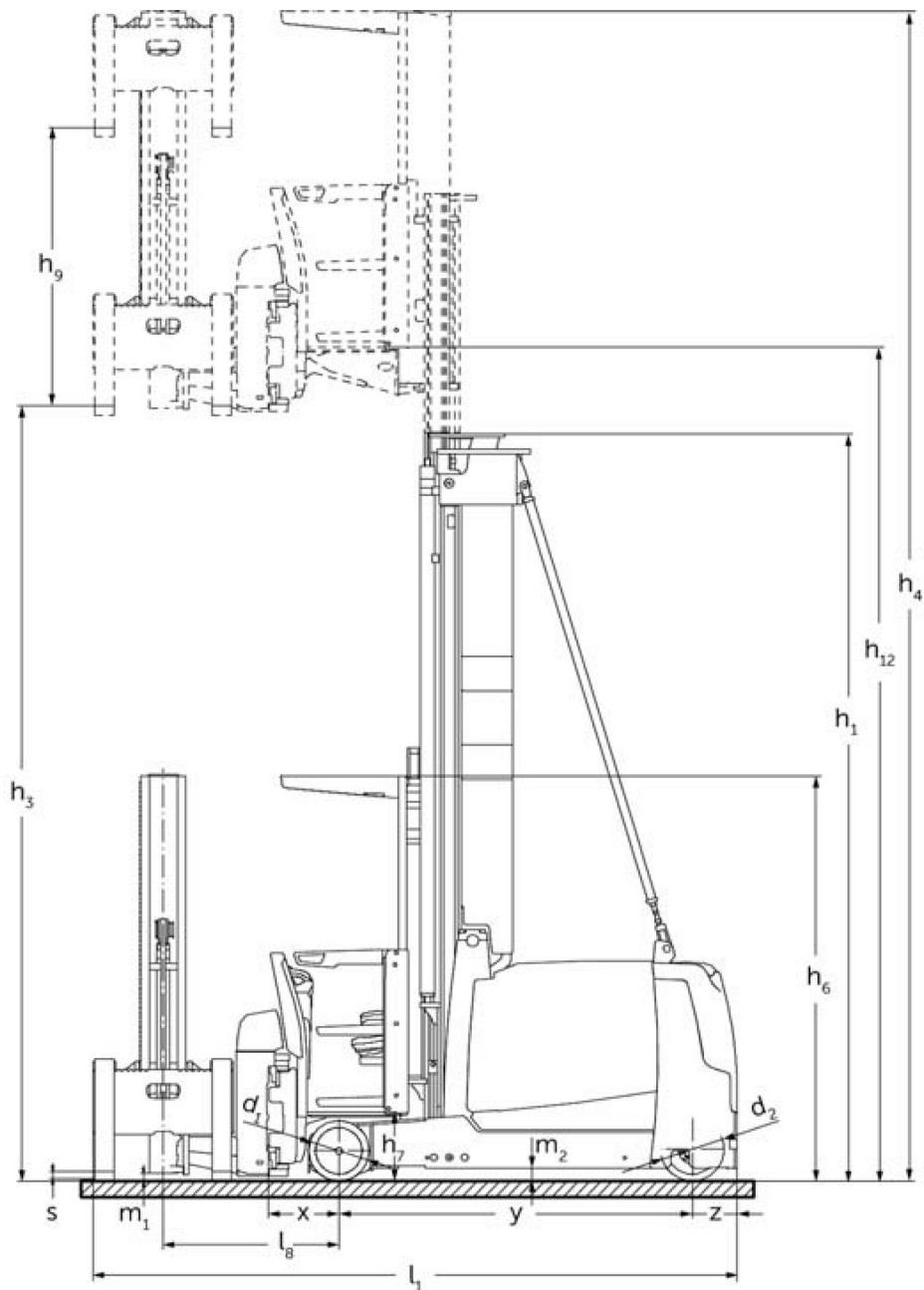


Electric high level combination order picker / tri-lateral stacker

EKX 410-516

Lift height: 3000-18000 mm / Load capacity: 1000-1600 kg

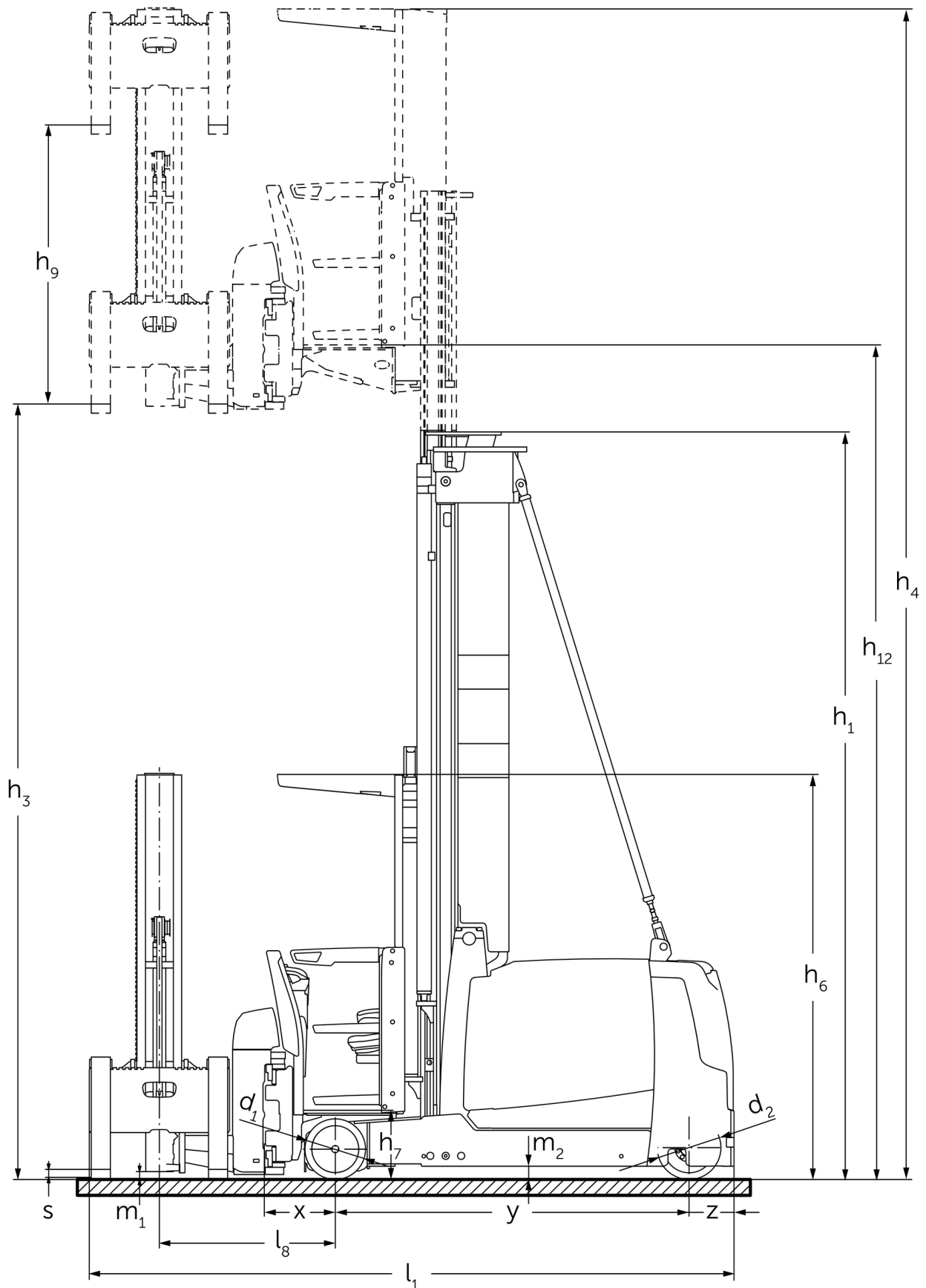
EKX 410-516



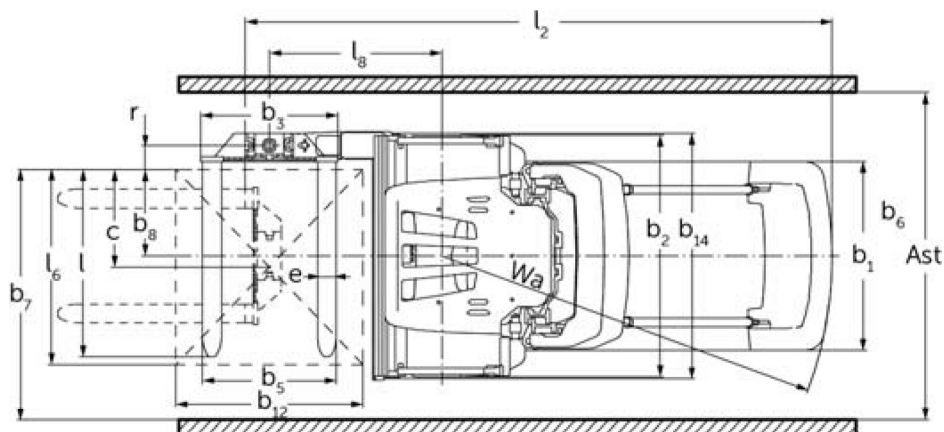
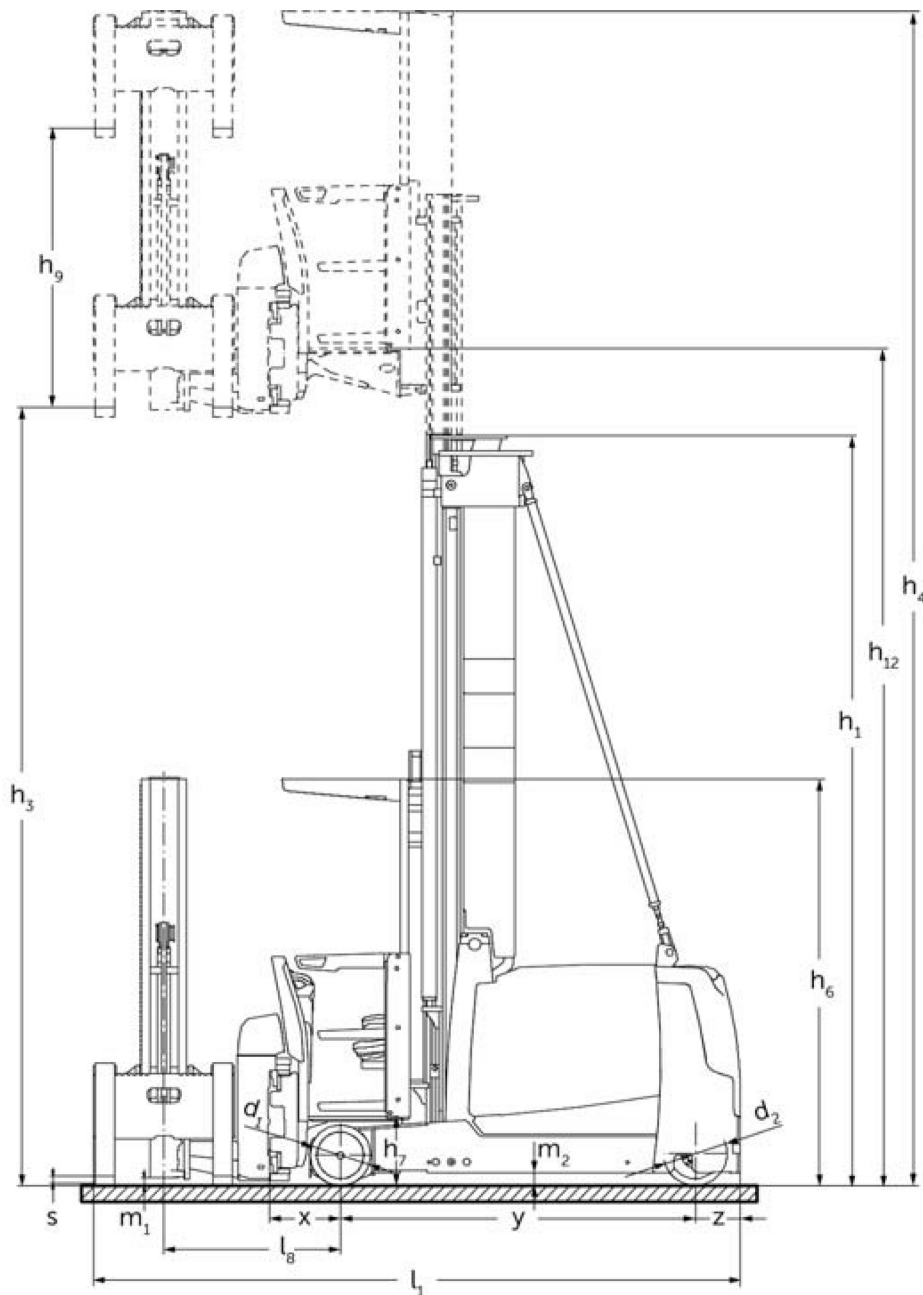
EKX 410-516



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EKX 410-516

VDI table


Stand-on: 07/2024

Characteristic	1.1	Manufacturer (abbreviated description)	Jungheinrich						
	1.2	Manufacturer's type designation	EKX 410	EKX 412	EKX 514	EKX 516k	EKX 516		
Characteristic	1.3	Drive	Electric						
	1.4	Operation	Order picker / tri-lateral stacker						
	1.5	Load capacity/load	Q kg	1000	1200	1400	1600		
	1.6	Load centre distance	c mm	600					
	1.8	Load distance, centre of drive axle to fork	x mm	450		445			
	1.9	Wheelbase	y mm	1807		1840	1950	2220	
	1.10	Mitte Antriebsrad/Gegengewicht	z mm	320		282			
	Weights	2.1.1	Service weight (incl. battery)	kg	5515	5895	6350	6750	7900
		2.2	Axle load laden front/rear	kg	4895 / 1630	5400 / 1705	5720 / 1880	6190 / 2060	6590 / 2810
		2.3	Axle load unladen front/rear	kg	3270 / 2245	3450 / 2445	3850 / 2500	3980 / 2770	4480 / 3420
Wheels/suspension system	3.1	Tyres	Bestthane						
	3.2	Tyre size, front	Ø 295 x 144			Ø 380 x 192			
	3.3	Tyre size, rear	Ø 343 x 110			Ø 400 x 160			
	3.5	Wheels, number front/back (x=driven)	2 / 1 x			2 / 1x			
	3.6	Tread width, front	b10 mm	1306		1258			
	Basic dimensions	4.2	Retracted mast height (h1)	h1 mm	2850		2955		
4.3		Free lift (h2)	h2 mm	0					
4.4		Lift (h3)	h3 mm	3500					
4.5		Extended mast height (h4)	h4 mm	6050					
4.7		Height of overhead guard (cab)	h6 mm	2550					
4.8		Seat height/stand height	h7 mm	430					
4.11		Additional lift	h9 mm	1780					
4.14		Stand height, elevated	h12 mm	3930					
4.19		total length	l1 mm	3665			3775	4045	
4.20		Length including fork shank	l2 mm	3379			3489	3759	
4.21.1		total width	b1 mm	1210					
4.21.2		total width	b2 mm	1450					
4.22		Fork dimensions	s/ e/l mm	40 x 120 x 1200		50 x 120 x 1200			
4.23		Fork carriage connection class		2B					
4.24		Fork carriage width	b3 mm	880					
4.25		Width across forks	b5 mm	856					
4.29		Reach, lateral	mm	1300					
4.30		Reach, lateral from centre of truck	mm	480					
4.31		Ground clearance laden under mast	m1 mm	80					
4.32		Ground clearance centre of wheelbase	m2 mm	80					
4.35		Turning radius	Wa mm	2122			2232	2502	
4.38		Distance swivelling fork pivot point	mm	1103					
4.38.4		Pallet width	mm	1200					
4.38.5		Pallet length	mm	1200					
Performance data		5.1	Travel speed laden/unladen	km/h	10.5 / 10.5			12 / 12	
		5.2	Lift speed laden/unladen	m/s	0.4 / 0.4		0.45 / 0.45	0.6 / 0.6	
	5.3	Lowering speed laden/unladen	m/s	0.4 / 0.4		0.5 / 0.5			
	5.4	Reach speed laden/unladen	m/s	0.4 / 0.4		0.4 / 0.5			
	5.10	Service brake		regenerative					
	5.11	Parking brake		Electric sprung-loaded					

E-motor/ Electronics	6.1	Drive motor, performance S2 60 min	kW	6.9		9		
	6.2	Lift motor, performance with S3	kW	10		25		
	6.3	Battery according to DIN 43531/35/36		6 PzS 750	6 PzS 930	3 PzS 465	4 PzS 620	6 PzS 930
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 750	48 / 930	80 / 465	80 / 620	80 / 930
	6.5	Battery weight	kg	1011	1388	1238	1558	2178
Other	8.1	Type of drive control		AC synchronous reluctance				
	10.5	Steering version		electric				
	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.

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 fork lift trucks meet
European safety requirements. 

 **JUNGHEINRICH**