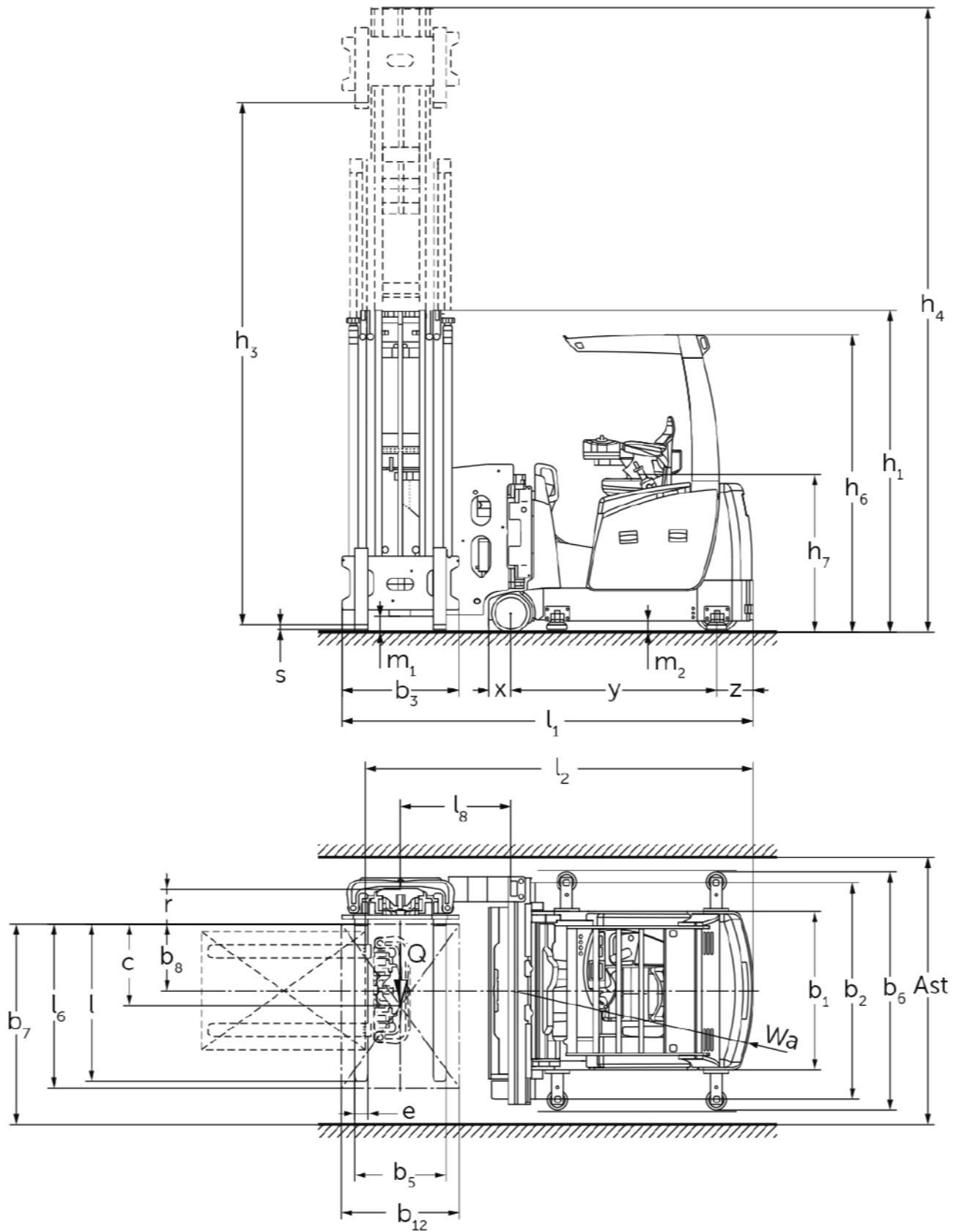




Electric front seat / tri-lateral stacker **EFX 411 / 414**

Lift height: 3000-14000 mm / Load capacity: 1100-1360 kg

EFX 411 / 414



EFX 411 / 414

EFX 411	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	3000 mm	2570 mm		4150 mm
	3500 mm	2820 mm		4650 mm
	4000 mm	3070 mm		5150 mm
	4500 mm	3320 mm		5650 mm
	5000 mm	3570 mm		6150 mm
	5500 mm	3820 mm		6650 mm
	6000 mm	4070 mm		7150 mm
	6500 mm	4320 mm		7650 mm
	7000 mm	4570 mm		8150 mm
	7500 mm	4820 mm		8650 mm
8000 mm	5070 mm		9150 mm	
Triplex mast DZ	5500 mm	2900 mm	1750 mm	6650 mm
	6000 mm	3100 mm	1950 mm	7150 mm
	6500 mm	3300 mm	2150 mm	7650 mm
	7000 mm	3500 mm	2350 mm	8150 mm
	7500 mm	3700 mm	2550 mm	8650 mm
	8000 mm	3900 mm	2750 mm	9150 mm
	8500 mm	4100 mm	2950 mm	9650 mm
	9000 mm	4300 mm	3150 mm	10150 mm
	9500 mm	4500 mm	3350 mm	10650 mm
	10000 mm	4700 mm	3550 mm	11150 mm
EFX 414	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)
Duplex mast ZT	3000 mm	2670 mm		4250 mm
	3500 mm	2920 mm		4750 mm
	4000 mm	3170 mm		5250 mm
	4500 mm	3420 mm		5750 mm
	5000 mm	3670 mm		6250 mm
	5500 mm	3920 mm		6750 mm
	6000 mm	4170 mm		7250 mm
	6500 mm	4420 mm		7750 mm
	7000 mm	4720 mm		8250 mm
	7500 mm	4970 mm		8750 mm
	8000 mm	5220 mm		9250 mm
	8500 mm	5470 mm		9750 mm
9000 mm	5720 mm		10250 mm	
Triplex mast DZ	6000 mm	3200 mm	1950 mm	7250 mm
	6500 mm	3400 mm	2150 mm	7750 mm
	7000 mm	3600 mm	2350 mm	8250 mm
	7500 mm	3800 mm	2550 mm	8750 mm
	8000 mm	4000 mm	2750 mm	9250 mm
	8500 mm	4200 mm	2950 mm	9750 mm
	9000 mm	4400 mm	3150 mm	10250 mm
	9500 mm	4600 mm	3350 mm	10750 mm
	10000 mm	4750 mm	3500 mm	11250 mm
	10500 mm	4950 mm	3700 mm	11750 mm
11000 mm	5100 mm	3850 mm	12250 mm	
11500 mm	5300 mm	4050 mm	12750 mm	

12000 mm	5450 mm	4200 mm	13250 mm
12500 mm	5650 mm	4400 mm	13750 mm
13000 mm	5800 mm	4550 mm	14250 mm
14000 mm	5950 mm	4700 mm	14150 mm


VDI table

Stand-on: 08/2023

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich	
	1.2	Manufacturer's type designation			EFX 411	EFX 414
	1.3	Drive			Electric	
	1.4	Operation			Tri-lateral stacker	
	1.5	Load capacity/load	Q	kg	1100	1360
	1.6	Load centre distance	c	mm	600	
	1.8	Load distance, centre of drive axle to fork	x	mm	168	
	1.9	Wheelbase	y	mm	1572	
	1.10	Mitte Antriebsrad/Gegengewicht	z	mm	275	
	Weights	2.1.1	Service weight (incl. battery)		kg	4660
2.2		Axle load laden front/rear		kg	4840 / 1000	5370 / 1170
2.3		Axle load unladen front/rear		kg	3120 / 1540	3250 / 1850
Wheels/suspension system	3.1	Tyres			Vulkollan ®	
	3.2	Tyre size, front			Ø 295 x 144	
	3.3	Tyre size, rear			Ø 343 x 110	
	3.5	Wheels, number front/back (x=driven)			2 / 1x	
	3.6	Tread width, front	b ₁₀	mm	1406	
	Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm	2100
4.3		Free lift (h2)	h ₂	mm	0	
4.4		Lift (h3)	h ₃	mm	4000	
4.5		Extended mast height (h4)	h ₄	mm	4767	
4.7		Height of overhead guard (cab)	h ₆	mm	2273	
4.8		Seat height/stand height	h ₇	mm	1205	
4.19		Overall length	l ₁	mm	3134	
4.20		Length including fork shank	l ₂	mm	2956	
4.21.1		Overall width	b ₁	mm	1210	
4.21.2		Overall width	b ₂	mm	1550	
4.22		Fork dimensions	s/e/l	mm	40 x 100 x 1200	
4.23		Fork carriage connection class			2B	
4.24		Fork carriage width	b ₃	mm	890	
4.25		Width across forks	b ₅	mm	850	
4.27		Width over guide rollers	b ₆	mm	1600	
4.29		Reach, lateral		mm	1370	
4.30		Reach, lateral from centre of truck		mm	420	
4.31		Ground clearance laden under mast	m ₁	mm	120	
4.32		Ground clearance centre of wheelbase	m ₂	mm	87	
4.35		Turning radius	W _a	mm	1847	
4.38		Distance swivelling fork pivot point		mm	842	
4.38.4		Pallet width		mm	1200	
4.38.5	Pallet length		mm	1200		
Performance data	5.1	Travel speed laden/unladen		km/h	9 / 9	
	5.2	Lift speed laden/unladen		m/s	0.45 / 0.45	
	5.3	Lowering speed laden/unladen		m/s	0.44 / 0.44	
	5.4	Reach speed laden/unladen		m/s	0.35 / 0.35	
	5.10	Service brake			regenerative	
	5.11	Parking brake			Electric sprung-loaded	

E-motor/ Electronics	6.1	Drive motor, performance S2 60 min	kW	6.5	
	6.2	Lift motor, performance with S3	kW	12	
	6.3	Battery according to DIN 43531/35/36		5 PzS 625	6 PzS 750
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 625	48 / 750
	6.5	Battery weight	kg	855	1010
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)	67	
<p>- 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.</p>					

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**