



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

Lift height: 3000-9000 mm / Load capacity: 1100-1360 kg

# EFX 411 / 414



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# VDI table

Stand-on: 07/2024

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		<b>EFX 411</b>	<b>EFX 414</b>
	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	b10 mm	1406	
	Basic dimensions	4.2	Retracted mast height (h1)	h1 mm	2100
4.3		Free lift (h2)	h2 mm	0	
4.4		Lift (h3)	h3 mm	4000	
4.5		Extended mast height (h4)	h4 mm	4767	
4.7		Height of overhead guard (cab)	h6 mm	2273	
4.8		Seat height/stand height	h7 mm	1205	
4.19		total length	l1 mm	3134	
4.20		Length including fork shank	l2 mm	2956	
4.21.1		total width	b1 mm	1210	
4.21.2		total width	b2 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	b3 mm	890	
4.25		Width across forks	b5 mm	850	
4.27		Width over guide rollers	b6 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	m1 mm	120	
4.32		Ground clearance centre of wheelbase	m2 mm	87	
4.35		Turning radius	Wa 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**