



**Electric three-wheel counterbalance
forklift truck**
EFG 216kn

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EFG 216kn	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Forward/backward tilt of mast
Duplex mast ZT	3000 mm	2000 mm	150 mm	3555 mm	7 / 5 °
	3300 mm	2150 mm	150 mm	3855 mm	7 / 5 °
	3600 mm	2300 mm	150 mm	4155 mm	7 / 5 °
	4000 mm	2500 mm	150 mm	4555 mm	7 / 5 °
	4500 mm	2800 mm	150 mm	5055 mm	7 / 5 °
	5000 mm	3050 mm	150 mm	5555 mm	7 / 5 °
Duplex mast ZZ	3300 mm	2105 mm	1545 mm	3855 mm	7 / 5 °
	3600 mm	2255 mm	1695 mm	4155 mm	7 / 5 °
	4000 mm	2455 mm	1895 mm	4555 mm	7 / 5 °
Triplex mast DZ	4500 mm	2005 mm	1445 mm	5055 mm	7 / 5 °
	4800 mm	2105 mm	1545 mm	5355 mm	7 / 5 °
	5000 mm	2180 mm	1620 mm	5555 mm	7 / 5 °
	5500 mm	2355 mm	1795 mm	6055 mm	7 / 5 °
	6000 mm	2555 mm	1995 mm	7220 mm	7 / 5 °
	6500 mm	2805 mm	2245 mm	7055 mm	7 / 5 °

VDI table

Stand-on: 04/2021

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich	
	1.2	Manufacturer's type designation		EFG 216kn	
	1.3	Drive		Electric	
	1.4	Operation		Seat	
	1.5	Load capacity/load	Q	kg	1600
	1.6	Load centre distance	c	mm	500
	1.8	Load distance, centre of drive axle to fork	x	mm	352
	1.9	Wheelbase	y	mm	1357
	Weights	2.1.1	Service weight (incl. battery)		kg
2.2		Axle load laden front/rear		kg	4015 / 575
2.3		Axle load unladen front/rear		kg	1410 / 1580
Wheels/suspension system	3.1	Tyres			SE
	3.2	Tyre size, front			18 x 7-8
	3.3	Tyre size, rear			140 / 55-9
	3.5	Wheels, number front/back (x=driven)			2x/2
	3.6	Tread width, front	b ₁₀	mm	904
	3.7	Tread width, rear	b ₁₁	mm	176
	Basic dimensions	4.2	Retracted mast height (h1)	h ₁	mm
4.3		Free lift (h2)	h ₂	mm	150
4.4		Lift (h3)	h ₃	mm	3000
4.5		Extended mast height (h4)	h ₄	mm	4220
4.7		Height of overhead guard (cab)	h ₆	mm	2000
4.8		Seat height/stand height	h ₇	mm	950
4.12		Coupling height	h ₁₀	mm	560
4.12.1		2. Coupling height		mm	0
4.19		Overall length	l ₁	mm	3049
4.20		Length including fork shank	l ₂	mm	1899
4.21.1		Overall width	b ₁	mm	1060
4.22		Fork dimensions	s/e/l	x	40 x 100 x 1150
4.23		Fork carriage connection class			2A
4.24		Fork carriage width	b ₃	mm	980
4.31		Ground clearance laden under mast	m ₁	mm	80
4.32		Ground clearance centre of wheelbase	m ₂	mm	90
4.34		Aisle width (pallet 1000x1200 sideways)	Ast	mm	3224
4.34.1		Aisle width (pallet 800x1200 length)	Ast	mm	3348
4.35		Turning radius	W _a	mm	1545
4.36		Smallest pivot point distance	b ₁₃	mm	0
Performance data	5.1	Travel speed laden/unladen		km/h	16 / 16
	5.2	Lift speed laden/unladen		m/s	0.38 / 0.59
	5.3	Lowering speed laden/unladen		m/s	0.55 / 0.55
	5.5	Drawbar pull laden/unladen		N	2150 / 2450
	5.6	Max. drawbar pull laden/unladen		N	12700 / 12700
	5.7	Gradeability laden/unladen		%	7.3 / 12.3
	5.8	Max. gradeability laden/unladen		%	20 / 35
	5.9	Acceleration time laden/unladen		s	3.8 / 3.4
	5.10	Service brake			hydraulic/mechanical

E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	4
	6.1.1	2. Drive motor, performance S2 60 min	kW	4
	6.2	Lift motor, performance with S3	kW	10
	6.3	Battery according to DIN 43531/35/36		DIN 43531 A
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 625
	6.5	Battery weight	kg	924
	6.6.1	Energy consumption according to EN cycle	kWh/h	4.1
	6.6.2	CO2 equivalent as per EN 16796	kg/h	2.2
Other	8.1	Type of drive control		Impulse/AC
	10.1	Operating pressure for attachment	bar	200
	10.2	Oil flow for attachments	l/min	25
	10.7	Sound level as per EN12053, operator's ear	dB (A)	66
	10.8	Trailer coupling, model/type DIN		DIN 15170 H

- 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**