

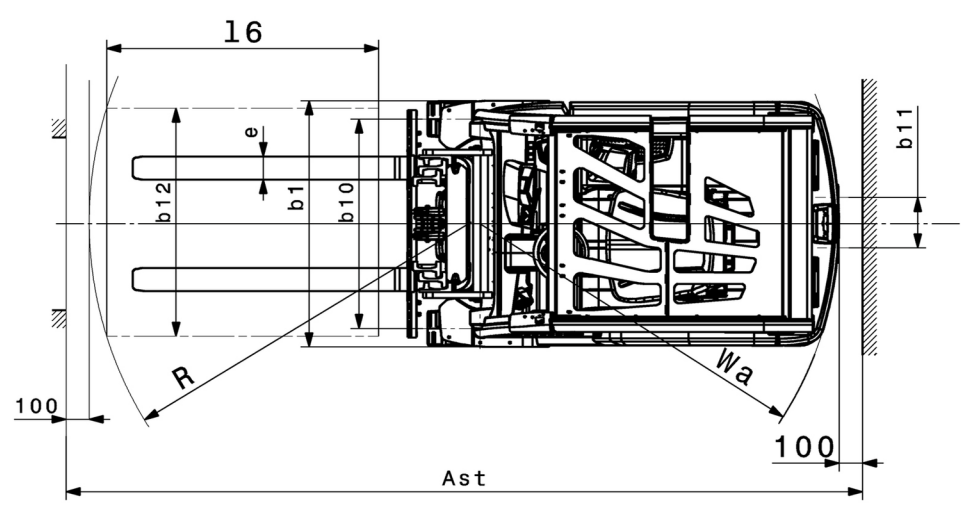
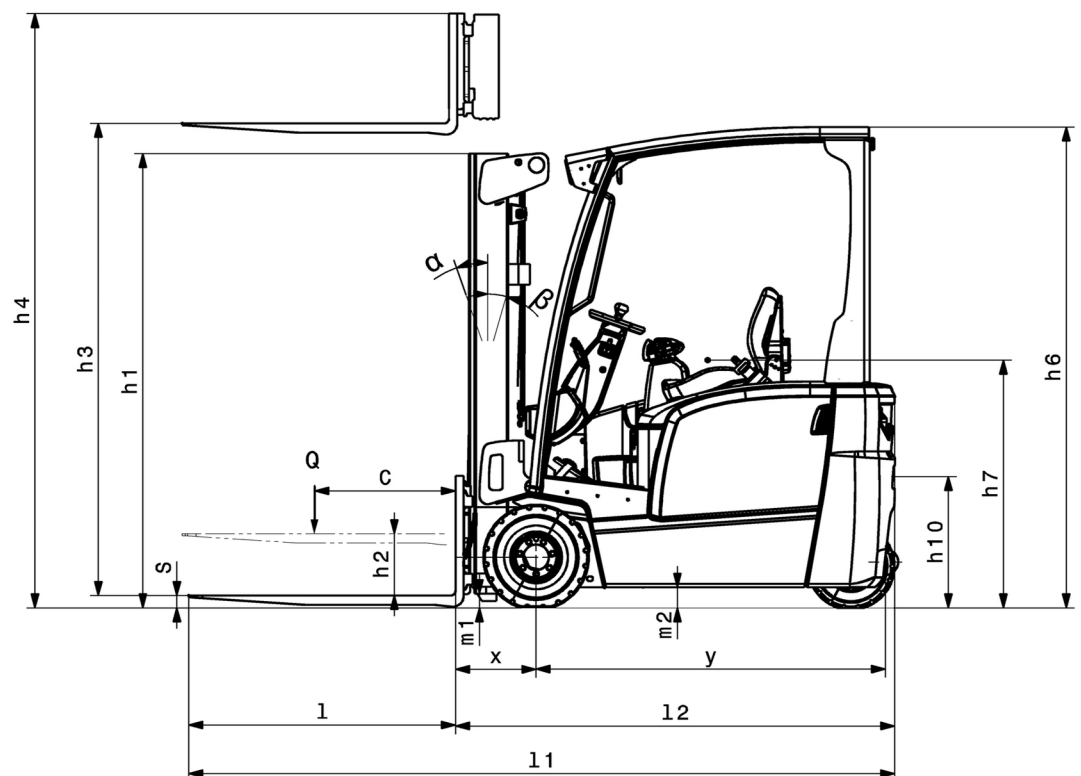


Electric three-wheel counterbalanced forklift truck

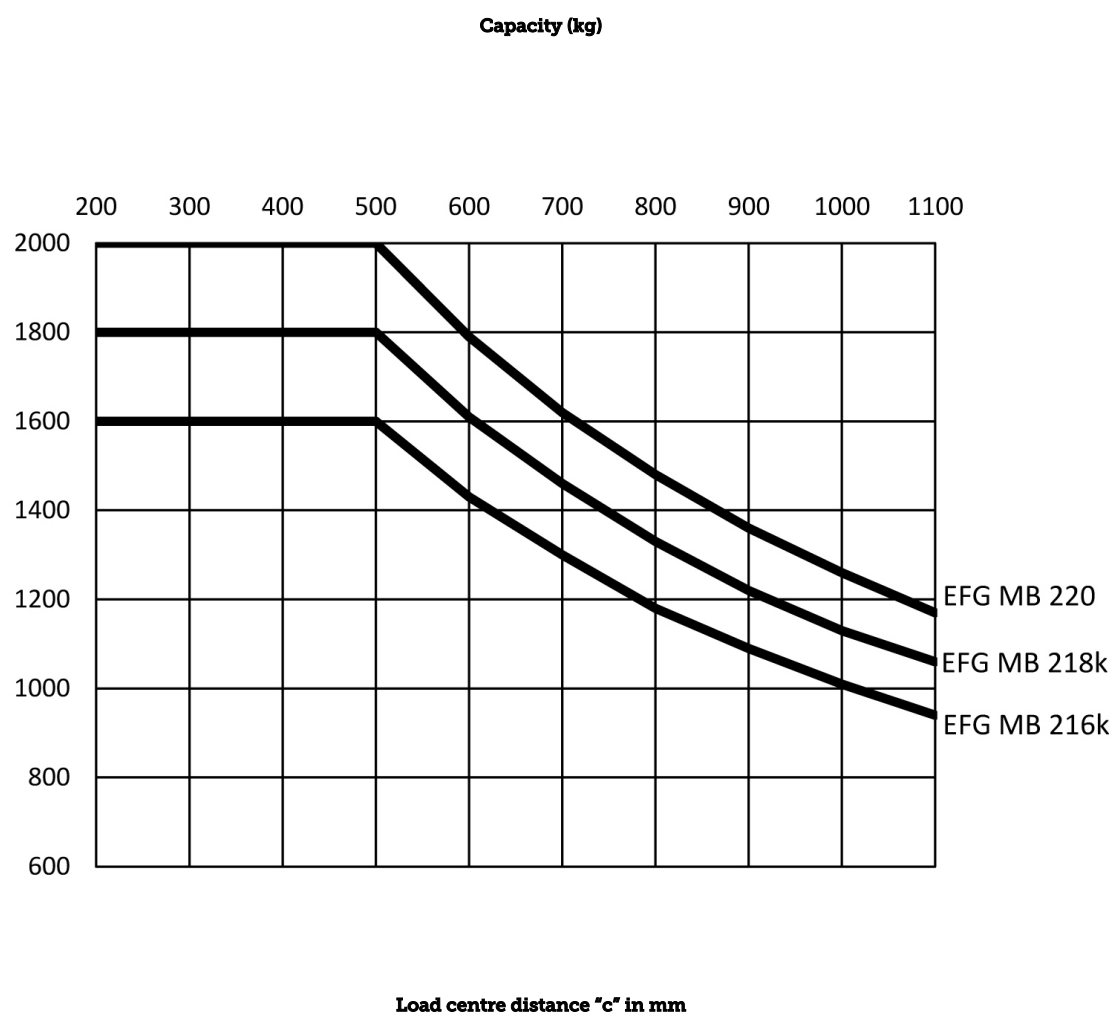
EFG MB 216k / 218k / 220

Lift height: 3.000-6500 mm / Capacity: 1.600-2000 kg

EFG MB 216k / 218k / 220



EFG MB 216k / 218k / 220



EFG MB 216k / 218k / 220

EFG MB 216k	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Tilt of mast forwards/backwards
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	6555 mm	7 / 5 °
	6500 mm	2805 mm	2245 mm	7055 mm	7 / 5 °
EFG MB 218k, EFG MB 220	Lift (h3)	Retracted mast height (h1)	Free lift (h2)	Extended mast height (h4)	Tilt of mast forwards/backwards
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	1488 mm	3855 mm	7 / 5 °
	3600 mm	2255 mm	1638 mm	4155 mm	7 / 5 °
	4000 mm	2455 mm	1838 mm	4555 mm	7 / 5 °
Triplex mast DZ	4500 mm	2005 mm	1388 mm	5055 mm	7 / 5 °
	4800 mm	2105 mm	1488 mm	5355 mm	7 / 5 °
	5000 mm	2180 mm	1563 mm	5555 mm	7 / 5 °
	5500 mm	2355 mm	1738 mm	6055 mm	7 / 5 °
	6000 mm	2555 mm	1938 mm	6555 mm	7 / 5 °
	6500 mm	2805 mm	2188 mm	7055 mm	7 / 5 °

VDI table

Stand-on: 06/2020

Characteristic	1.1	Manufacturer (abbreviated description)		Jungheinrich		
	1.2	Manufacturer's type designation		EFG MB 216K	EFG MB 218K	EFG MB 220
	1.3	Drive		Electric		
	1.4	Operation		Seat		
	1.5	Capacity/load	Q kg	1.600	1.800	2.000
	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	1.357		1.465
	Weights	2.1.1	Service weight (incl. battery)	kg	3.310	3.327
2.2		Axle load laden front/rear	kg	4.210 / 700	4.490 / 637	4.894 / 743
2.3		Axle load unladen front/rear	kg	1.616 / 1.694	1.564 / 1.763	1.728 / 1.909
Wheels/suspension system	3.1	Tyres		SE		
	3.2	Tyre size, front		18x7-8	200/50-10	
	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	924	
	3.7	Tread width, rear	b ₁₁ mm	211		
	Basic dimensions	4.2	Retracted mast height (h1)	h ₁ mm	2.000	
4.3		Free lift (h2)	h ₂ mm	150		
4.4		Lift (h3)	h ₃ mm	3.000		
4.5		Extended mast height (h4)	h ₄ mm	3.555		
4.7		Height of overhead guard (cab)	h ₆ mm	2.080		
4.8		Seat height/stand height	h ₇ mm	1.030		
4.12		Coupling height	h ₁₀ mm	560		
4.12.1		2. Coupling height	mm	0		
4.19		Overall length	l ₁ mm	2.899		3.007
4.20		Length including fork shank	l ₂ mm	1.899		2.007
4.21.1		2. Overall width (b2)	b ₁ mm	1.060	1.120	
4.22		Fork dimensions	s/e/ l mm	40 / 100 / 1.000		
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	97		
4.32		Ground clearance centre of wheelbase	m ₂ mm	83		
4.34		Aisle width (pallet 1000x1200 sideways)	Ast mm	3.224		3.332
4.34.1		Aisle width (pallet 800x1200 length)	Ast mm	3.348		3.456
4.35		Turning radius	W _a mm	1.545		1.653
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	0.43 / 0.66	0.4 / 0.52	0.38 / 0.52
	5.3	Lowering speed laden/unladen	m/s	0.55 / 0.55		
	5.5	Drawbar pull laden/unladen	N	2.150 / 2.450	2.000 / 2.300	1.900 / 2.300
	5.6	Max. drawbar pull laden/unladen	N	13.500 / 13.500		
	5.7	Gradeability laden/unladen	%	12 / 20		
	5.8	Max. gradeability laden/unladen	%	24 / 35		22 / 35
	5.9	Acceleration time laden/unladen	s	4 / 3.8	4.3 / 4	4.5 / 4

	5.10	Service brake		Mechanical		
E-motor/Electronics	6.1	Drive motor, performance S2 60 min	kW	4.6		
	6.1.1	2. Drive motor, performance S2 60 min	kW	4.6		
	6.2	Lift motor, performance with S3	kW	15.5		
	6.3	Battery according to DIN 43531/35/36		DIN 43531 A		
	6.4	Battery voltage / nominal capacity	V / Ah	48 / 625		48 / 750
	6.5	Battery weight	kg	856		1.013
	6.6	Energy consumption according to VDI cycle	kWh/h	4.3	4.5	4.8
	6.6.1	Energy consumption according to EN cycle	kWh/h	4.3	4.5	4.8
	6.6.2	CO2 equivalent as per EN 16796	kg/h	2,32	2,43	2,59
	6.7	Throughput	t/h	118	130	138
6.8.1	Energy consumption with max. throughput	kWh/h	6.2	6.4	6.6	
Miscellaneous	8.1	Type of drive control		Impulse/AC		
	10.1	Working 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)	72		
	10.8	Trailer coupling, model/type DIN		DIN 15170 H		
- In accordance with VDI Guideline 2198 this data sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.						

The German production facilities in
Norderstedt, Moosburg and Landsberg
are certified.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**