



Electric four-wheel counterbalanced forklift trucks

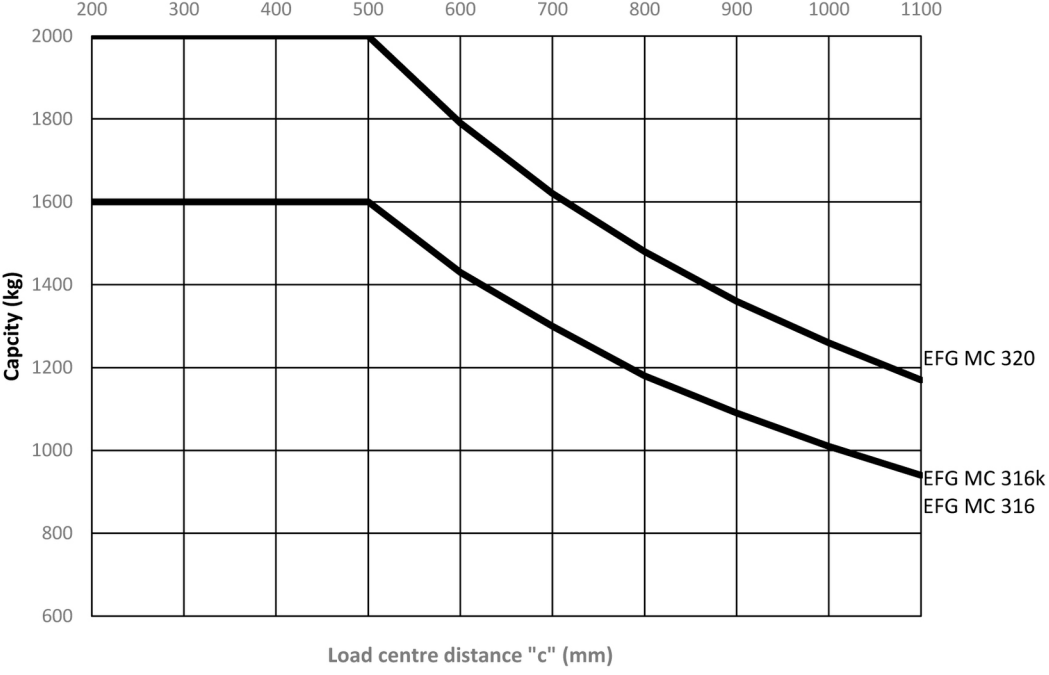
EFG MC 316k / 316 / 320

Lifting height: 3,000-6,500 mm / Load capacity: 1,600-2,000 kg

Our EFG MC electric forklift trucks with capacities of up to 2000 kg offer maximum maneuverability and allow fast operation in the most confined space, for example, lorries, containers or dock area. The 4-wheel design improves the lateral stability, which can enhance the confidence of the driver when steering. Exclusive rigidity imported mast profile and outstanding mast manufacturing technology allow our

trucks to enter the container with max. 5,000mm lifting height (include full free lift height). The front dual drive motor with the enclosed design ensures a universal suitability and optimal traction on gradients and slippery surfaces. In addition, they combine optimum energy and cost efficiency with maximum performance.

EFG MC 316k / 316 / 320



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EFG MC 316k, EFG MC 316	Lifting height (h3)	Height mast retracted (h1)	Free lift (h2)	Height mast extended (h4)	Tilt mast forward / backward
double-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°
double-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°
triple-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 MC 320	Lifting height (h3)	Height mast retracted (h1)	Free lift (h2)	Height mast extended (h4)	Tilt mast forward / backward
double-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°
double-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°
triple-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

Mark	1.1	Manufacturer (short name)		Jungheinrich		
	1.3	Drive		electric		
	1.4	Service		Seat		
	1.5	Load capacity	Q kg	1,600	2,000	
	1.6	Load center	c mm	500		
	1.8	Load distance	x mm	352		
	1.9	Wheelbase	y mm	1,398	1,506	
Weights	2.1.1	Dead weight (including battery)	kg	3,261	3,437	3,768
	2.2	Axle load with load front / rear	kg	4,094 / 767	3,989 / 1,048	4,971 / 797
	2.3	Axle load without load front / rear	kg	1,596 / 1,665	1,699 / 1,738	1,880 / 1,888
Wheels / Suspension	3.1	Tires		SE		
	3.2	Tire size, front		18*7-8	200/50-10	
	3.3	Tire size, rear		16*6-8		
	3.5	Wheels, number front / rear (x = driven)		2*/2		
	3.6	Gauge, in front	b ₁₀ mm	904	924	
	3.7	Gauge, rear	b ₁₁ mm	870		
	Basic dimensions	4.1	Tilt mast forward / backward	a/β °	7 / 5	
4.2		Height mast retracted (h1)	h ₁ mm	2,060	2,067	
4.3		Free lift (h2)	h ₂ mm	150		
4.4		Lifting height (h3)	h ₃ mm	3,000		
4.5		Height mast extended (h4)	h ₄ mm	3,590	3,612	
4.7		Height of protective roof (cabin)	h ₆ mm	2,080		
4.8		Seat height / standing height	h ₇ mm	1,030		
4.12		Coupling height	h ₁₀ mm	475		
4.12.1		2. coupling height	mm	0		
4.19		Overall length	l ₁ mm	2,988	3,096	
4.20		Length including fork back	l ₂ mm	1,988	2,096	
4.21		Overall width	b ₁ /b ₂ mm	1,060	1,120	
4.22		Fork dimensions	s/e/l mm	40 / 100 / 1.000		
4.23		Connection class		2A		
4.24		Fork carriage width	b ₃ mm	980		
4.31		Ground clearance with load under mast	m ₁ mm	97		
4.32		Ground clearance center wheelbase	m ₂ mm	90		
4.34		Working width at pallet 1000 x 1200 cross	A _{st} mm	3,404	3,485	
4.34.1		Working width for pallet 800 x 1200 along	A _{st} mm	3,569	3,656	
4.35		Turning radius	W _a mm	1,830	1,925	
4.36	Smallest pivot distance	b ₁₃ mm	498	562		
Performance data	5.1	Driving speed with / without load	km/h	16 / 16		
	5.2	Lifting speed with / without load	m/s	0.43 / 0.66	0.38 / 0.52	
	5.3	Lowering speed with / without load	m/s	0.55 / 0.55		
	5.5	Traction with / without load	N	2,100 / 2,450	1,900 / 2,300	
	5.6	Max. Traction with / without load	N	13.500 / 13.500		
	5.7	Gradeability with / without load	%	12 / 20		
	5.8	Max. Climbing ability with / without load	%	24 / 35	23 / 35	22 / 35
	5.9	Acceleration time with / without load	s	4 / 3.8	4.3 / 4	4.5 / 4
	5.10	Service brake		mechanical		
	6.1	Traction motor, power S2 60 min	kW	4.6		
6.1.1	2nd traction motor, power S2 60 min	kW	4.6			

Electric motor / Electronics	6.2	Lifting motor, power at S3	kW	15.5	
	6.2.1	2. Lifting motor, power at S3	kW	-	0
	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
	6.7	Throughput	t/h	118	138
	6.8	Energy consumption at max. Throughput	kWh/h	6.2	6.6
	Miscellaneous	8.1	Type of driving control		Pulse / AC
10.1		Working pressure for attachment	bar	200	
10.2		Oil flow for attachments	l/min	25	
10.7		Sound pressure level according to EN12053, driver's tube	dB (A)	72	
10.8		Towbar, type / type DIN		DIN 15170 H	

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

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet
European safety requirements.



 **JUNGHEINRICH**

The Jungheinrich logo, featuring a red upward-pointing arrow above the word 'JUNGHEINRICH' in a bold, black, sans-serif font.