

Electric 3-wheel forklift truck

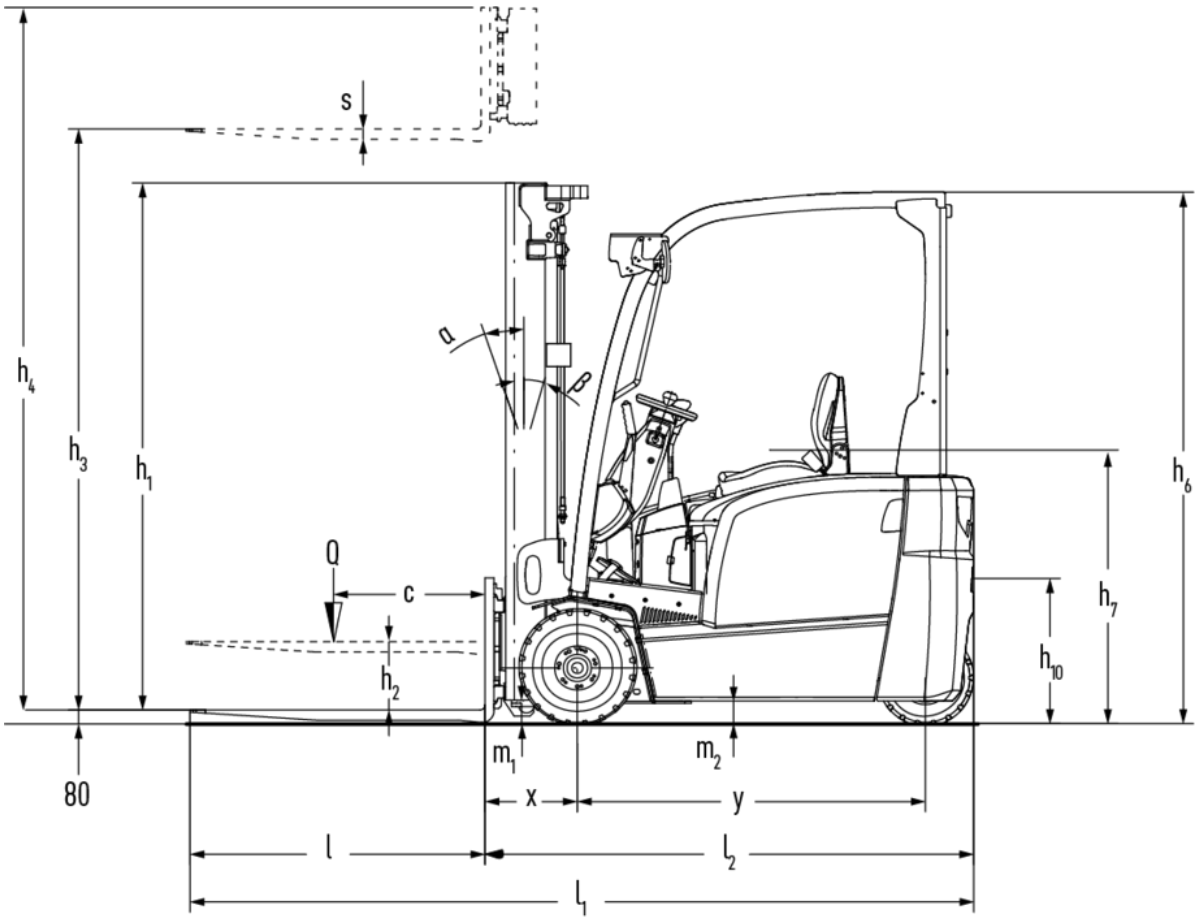
EFG MB 216k/220

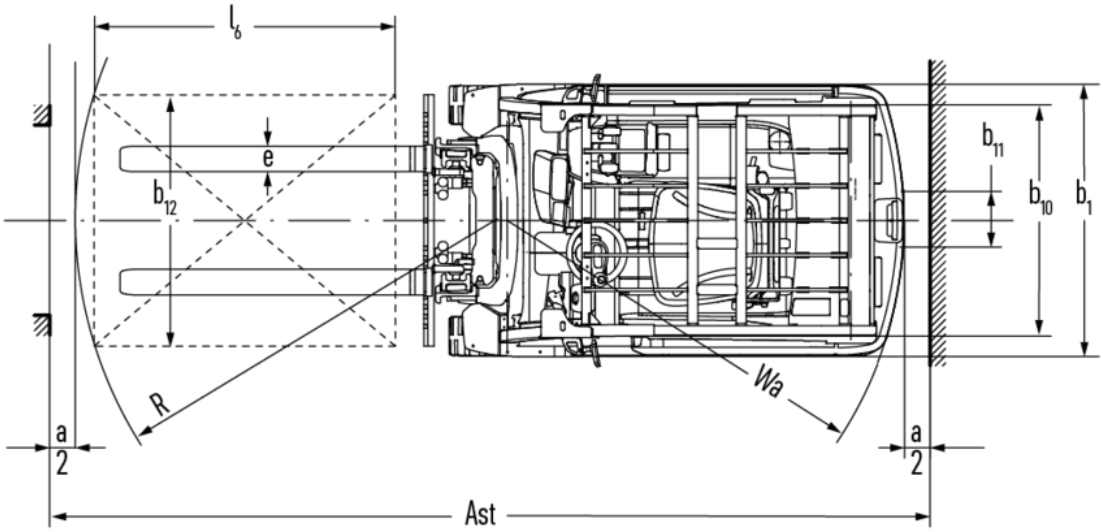
Lift height: 3000-6500 mm / Load capacity: 1600-2000 kg

LI-ION technology

JUNGHEINRICH

EFG MB 216k/220





VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich		
	1.2	Manufacturer's type designation			EFG MB 216k	EFG MB	
	1.3	Drive			electric		
	1.4	Operation			Seat		
	1.5	Load capacity/load	Q	kg	1600	2000	
	1.6	Load centre distance	c	mm	500		
	1.8	Load distance, centre of drive axle to fork	x	mm	365		
	1.9	Wheelbase	y	mm	1357	1465	
Weights	2.1.1	Service weight (incl. battery)		kg	3086	3439	
	2.2	Axle load laden front/rear		kg	4091 / 606	4764 / 697	
	2.3	Axle load unladen front/rear		kg	1470 / 1616	1604 / 1835	
Wheels/suspension system	3.1	Tyres			Super-elastic (SE)		
	3.2	Tyre size, front			18 x 7 - 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	b10	mm	904	924	
	3.7	Tread width, rear	b11	mm	211		
Basic dimensions	4.1	Forward/backward tilt of mast	a/ß	°	7 / 5		
	4.2	Retracted mast height (h1)	h1	mm	2000		
	4.3	Free lift (h2)	h2	mm	150		
	4.4	Lift (h3)	h3	mm	3000		
	4.5	Extended mast height (h4)	h4	mm	3555	3605	
	4.7	Height of overhead guard (cab)	h6	mm	2080		
	4.8	Seat height/stand height	h7	mm	1030		
	4.12	Coupling height	h10	mm	560		
	4.12.1	2. Coupling height		mm	0		
	4.19	total length	l1	mm	2912	3020	
	4.20	Length including fork shank	l2	mm	1912	2020	
	4.21.1	total width	b1	mm	1060	1120	
	4.22	Fork dimensions	s/e/l	mm	40 x 100 x 1000		
	4.23	Fork carriage connection class			2A		
	4.24	Fork carriage width	b3	mm	980		
	4.31	Ground clearance laden under mast	m1	mm	97		
	4.32	Ground clearance centre of wheelbase	m2	mm	88		
	4.34.1	Aisle width (pallet 1000×1200 sideways)	Ast	mm	3236	3339	
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	3360	3463	
	4.35	Turning radius	Wa	mm	1545	1648	
	4.36	Smallest pivot point distance	b13	mm	0		

Performance data	5.1	Travel speed laden/unladen (Efficiency | drivePLUS)	km/h	15 / 15 | 17 / 17	
	5.2	Lift speed laden/unladen (Efficiency | liftPLUS)	m/s	0.43 / 0.53 | 0.57 / 0.82	0.35 / 0.4 | 0.5 / 0.68
	5.3	Lowering speed laden/unladen (Efficiency | liftPLUS)	m/s	0.51 / 0.55 | 0.55 / 0.55	
	5.5	Drawbar pull laden/unladen (Efficiency | drivePLUS)	N	740 / 830 | 1880 / 2260	840 / 1100 | 1800 / 2000
	5.6	Max. drawbar pull laden/unladen (Efficiency | drivePLUS)	N	9300 / 9000 | 13600 / 11800	8100 / 8800 | 13300 / 13300
	5.7	Gradeability laden/unladen (Efficiency | drivePLUS)	%	8 / 12 | 14 / 22	8 / 12 | 15 / 18
	5.8	Max. gradeability laden/unladen (Efficiency | drivePLUS)	%	16 / 22 | 27 / 35	13 / 22 | 24 / 35
	5.9	Acceleration time laden/unladen (Efficiency | drivePLUS)	s	5.5 / 5 | 5.2 / 4.8	6 / 5.2 | 5 / 4.5
	5.10	Service brake		mechanical/hydraulic	
E-motor/Electronics	6.1	Drive motor, performance S2 60 min (Efficiency | drivePLUS)	kW	3.7 | 4.6	
	6.2	Lift motor, performance with S3 (Efficiency | liftPLUS)	kW	10 | 15.5	
	6.3	Battery according to DIN 43531/35/36		DIN 43531 A	
	6.4	Battery voltage/nominal capacity	V / Ah	48 / 500	48 / 625
	6.5	Battery weight	kg	708	856
	6.6.1	Energy consumption according to EN cycle (Efficiency | PLUS)	kWh/h	4.25 | 3.76	4.9 | 4.94
	6.6.2	CO2 equivalent according to EN ISO 23308 (Efficiency | PLUS)	kg/h	2.3 | 2.1	2.65 | 2.6
	6.7	Throughput (Efficiency | PLUS)	t/h	114 | 126	137 | 145
	6.8	Turnover efficiency according to VDI 2198 (Efficiency | PLUS)	t/kWh	25.1 | 20.05	26.2 | 20.03
Other	8.1	Type of drive control		Impulse/AC	
	10.1	Operating pressure for attachment	bar	230	
	10.2	Oil flow for attachments	l/min	24	
	10.7	Sound pressure level according to EN12053	dB (A)	72	
	10.8	Trailer coupling, model/type DIN		Bolts	

- 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 as well as our Genuine Parts Center in Kaltenkirchen.

ISO 9001
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.

CE

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