

Electric 4-wheel forklift truck

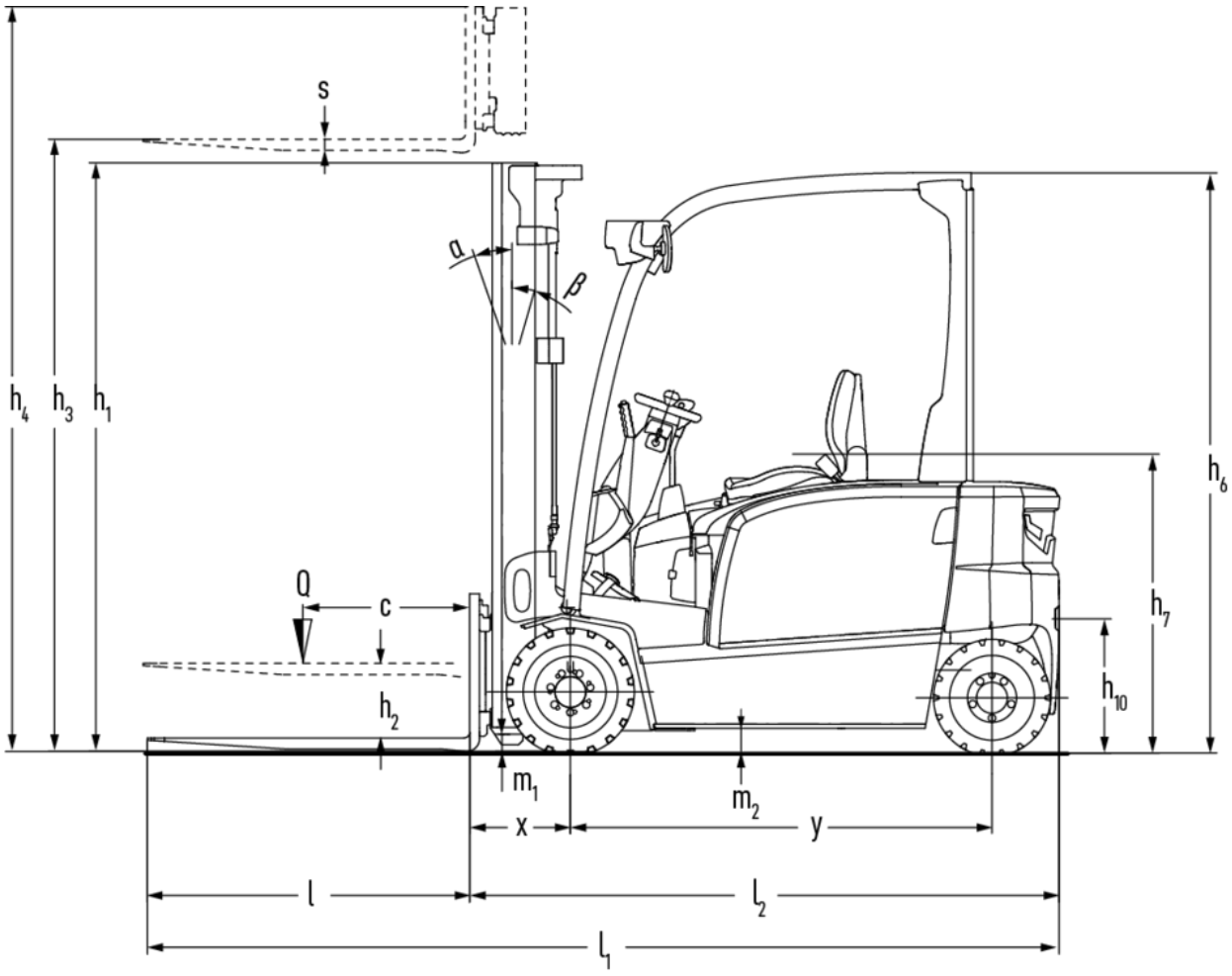
EFG MC 320–330

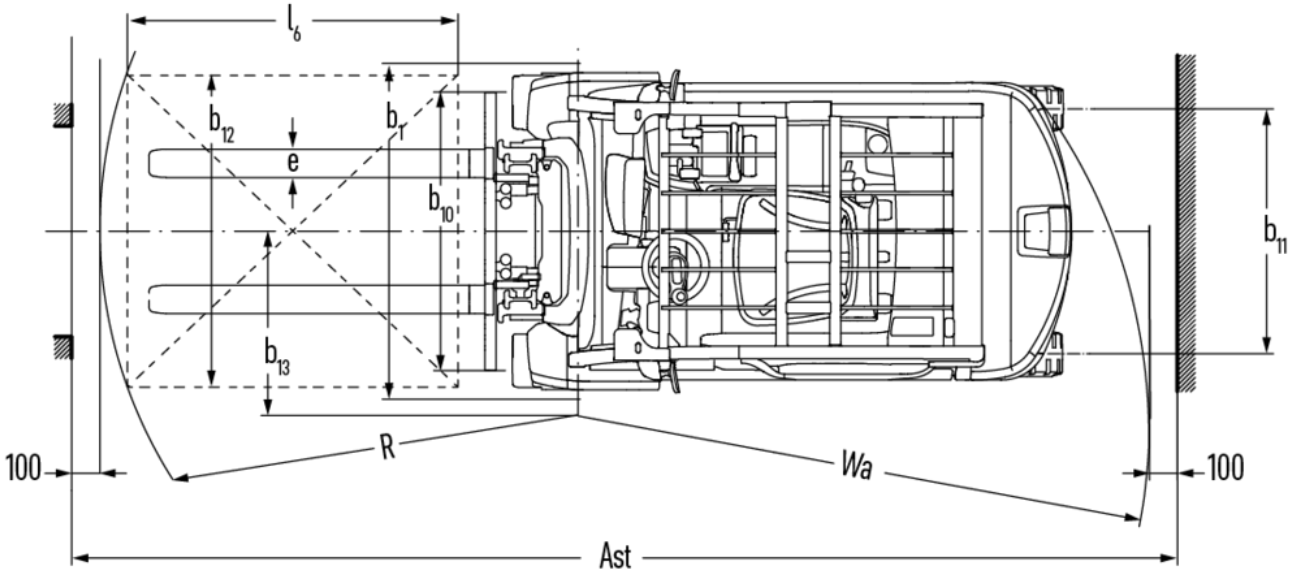
Lift height: 3000-6500 mm / Load capacity: 2000-3000 kg

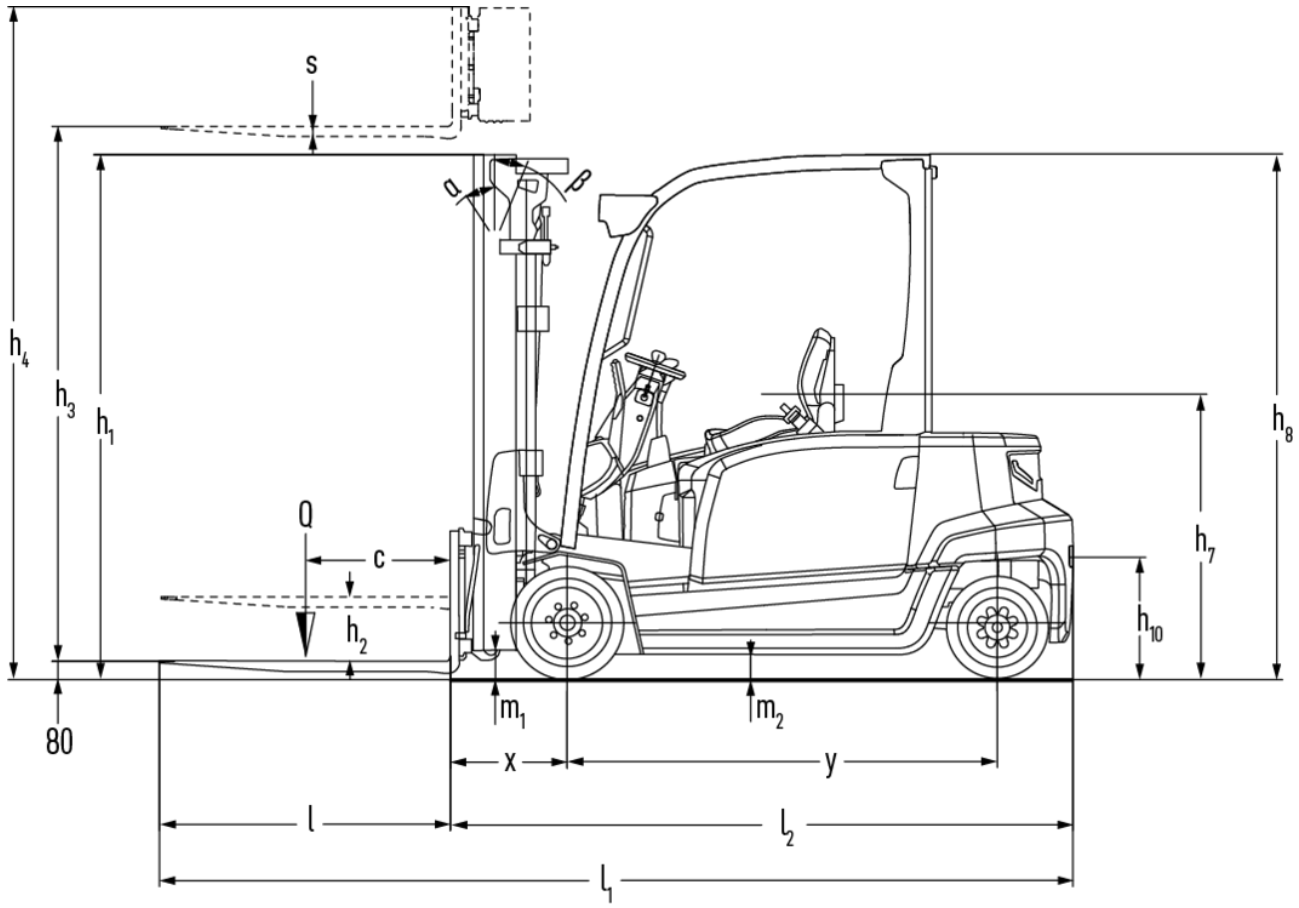
LI-ION technology

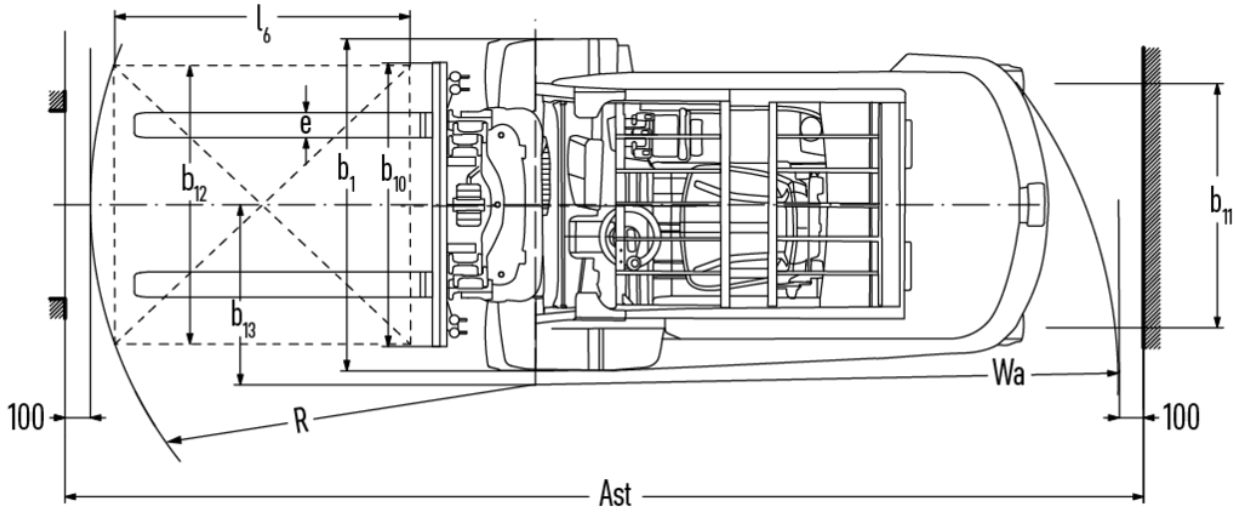
JUNGHEINRICH

EFG MC 320–330






s
h4
h3
h1
Q
c
h2
80
m1
m2
x
y
l
l2
l1
h8
h7
h10


l6
e
b12
b1
b10
b13
b11
Wa
100
R
100
Ast

VDI table

Characteristic	1.1	Manufacturer (abbreviated description)			Jungheinrich			
	1.2	Manufacturer's type designation			EFG MC 320	EFG MC 325k	EFG MC 325	EFG MC 330
	1.3	Drive			electric			
	1.4	Operation			Seat			
	1.5	Load capacity/load	Q	kg	2000	2500		3000
	1.6	Load centre distance	c	mm	500			
	1.8	Load distance, centre of drive axle to fork	x	mm	365	467		472
	1.9	Wheelbase	y	mm	1506	1453	1561	1700
Weights	2.1.1	Service weight (incl. battery)		kg	3373	4397	4502	4783
	2.2	Axle load laden front/rear		kg	4813 / 594	6207 / 690	6302 / 700	7004 / 779
	2.3	Axle load unladen front/rear		kg	1615 / 1758	1855 / 2542	1981 / 2521	2248 / 2535
Wheels/suspension system	3.1	Tyres			Super-elastic (SE)			
	3.2	Tyre size, front			200 / 50 - 10	18 x 9 - 12		TANDEM, 18 x 5&6 - 12 (1/8)
	3.3	Tyre size, rear			16 x 6 - 8	16 x 6 - 10 (1/2)		16 x 7 - 10 (1/2)
	3.5	Wheels, number front/back (x=driven)			2x / 2			
	3.6	Tread width, front	b10	mm	924	938		1013
	3.7	Tread width, rear	b11	mm	870	864		995
Basic dimensions	4.1	Forward/backward tilt of mast	a/ß	°	7 / 5			
	4.2	Retracted mast height (h1)	h1	mm	2000	2200		
	4.3	Free lift (h2)	h2	mm	150			
	4.4	Lift (h3)	h3	mm	3000	3100		
	4.5	Extended mast height (h4)	h4	mm	3605	3700		3850
	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	475			
	4.12.1	2. Coupling height		mm	0			
	4.19	total length	l1	mm	3109	3213	3321	3469
	4.20	Length including fork shank	l2	mm	2109	2213	2321	2469
	4.21.1	total width	b1	mm	1120	1170		1313
	4.22	Fork dimensions	s/e/l	mm	40 x 100 x 1000			45 x 125 x 1000
	4.23	Fork carriage connection class			2A			3A
	4.24	Fork carriage width	b3	mm	980	1120		
	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	3526	3648	3767	3942
	4.34.2	Aisle width (pallet 800x1200 length)	Ast	mm	3725	3847	3967	4142
	4.35	Turning radius	Wa	mm	1960	1980	2100	2270
	4.36	Smallest pivot point distance	b13	mm	562	542	600	667

Performance data	5.1	Travel speed laden/unladen (Efficiency | drivePLUS)	km/h	15 / 15 | 18.5 / 19	17 / 18 | 17 / 18	
	5.2	Lift speed laden/unladen (Efficiency | liftPLUS)	m/s	0.34 / 0.44 | 0.5 / 0.68	0.4 / 0.5 | 0.4 / 0.5	0.3 / 0.32 | 0.3 / 0.32
	5.3	Lowering speed laden/unladen (Efficiency | liftPLUS)	m/s	0.51 / 0.55 | 0.55 / 0.55	0.51 / 0.55 | 0.51 / 0.55	
	5.5	Drawbar pull laden/unladen (Efficiency | drivePLUS)	N	930 / 1480 | 1940 / 2300	2400 / 2750 | 2400 / 2750	2300 / 3300 | 2300 / 3300
	5.6	Max. drawbar pull laden/unladen (Efficiency | drivePLUS)	N	8900 / 9100 | 13900 / 12600	14000 / 8700 | 14000 / 8700	13800 / 14600 | 13800 / 14600
	5.7	Gradeability laden/unladen (Efficiency | drivePLUS)	%	8 / 11 | 13 / 19	9 / 13 | 9 / 13	8 / 12 | 8 / 12
	5.8	Max. gradeability laden/unladen (Efficiency | drivePLUS)	%	13 / 22 | 24 / 35	16 / 22 | 16 / 22	15 / 22 | 15 / 22
	5.9	Acceleration time laden/unladen (Efficiency | drivePLUS)	s	5.8 / 5 | 5.3 / 4.9	5.6 / 5 | 5.6 / 5	5.7 / 5.2 | 5.7 / 5.2
	5.10	Service brake		mechanical/hydraulic		
E-motor/Electronics	6.1	Drive motor, performance S2 60 min (Efficiency | drivePLUS)	kW	3.7 | 4.6	4.6 | 4.6	
	6.2	Lift motor, performance with S3 (Efficiency | liftPLUS)	kW	10 | 15.5	15.5 | 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	1013	
	6.6.1	Energy consumption according to EN cycle (Efficiency | PLUS)	kWh/h	4.47 | 4.27	5.77 | 5.77	6.88 | 6.88
	6.6.2	CO2 equivalent according to EN ISO 23308 (Efficiency | PLUS)	kg/h	2.42 | 2.3	3.12 | 3.1	3.72 | 3.7
	6.7	Throughput (Efficiency | PLUS)	t/h	133 | 139	172 | 172	196 | 196
	6.8	Turnover efficiency according to VDI 2198 (Efficiency | PLUS)	t/kWh	24.53 | 24.64	19.46 | 19.46	25.42 | 25.42
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	41	
	10.7	Sound pressure level according to EN12053	dB (A)	72	78	
	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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