

Extremely compact design – Ideal for narrow aisles and confined spaces thanks to small turning radius.

Robust mast, chassis and counterweight result in high residual capacity

Intelligent Jungheinrich® control for maximum goods throughput

Minimized turning radius thanks to dual-motor front-wheel drive with sturdy gearboxes

Increased confidence with curveCONTROL



EFG C20Q-C40Q

4-Wheel 36V/48V Electric Cushion Counterbalanced Truck (4,000 - 8,000 lbs.)

The advantages of EFG C

With the flexibility to select your power options from 36V/48V lead acid or 48V lithium ion, the EFG C series meets the performance and efficiency needs of all types of indoor applications. Lithium-ion now provides maximized performance - including IC level hydraulic speeds - and higher efficiencies than ever.

Today's warehousing applications are demanding narrower aisles, and heavy loads on top racks. With the EFG C, you have access to high capacity retention in our smallest ever 4-wheel footprint thanks to the highly engineered chassis and counterweight design, and robust mast quality.

We are the industry leaders when it comes to turning radius due to the short chassis length combined with dual drive motors that can rotate in opposite directions and 100-degree steering axle.

Working in narrow aisles within a bustling warehouse calls for operators to stay sharp throughout long shifts. The EFG C has ergonomics and operator assistance features to ease that burden and help improve operating practices with less effort.

These electric forklift trucks offer excellent visibility to the forks, load and obstacles thanks to its offset steering column, low-profile and narrow dash. All-around visibility is improved further with slim counterweight, pillars and enhanced ergonomic options.

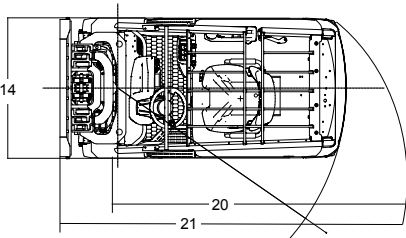
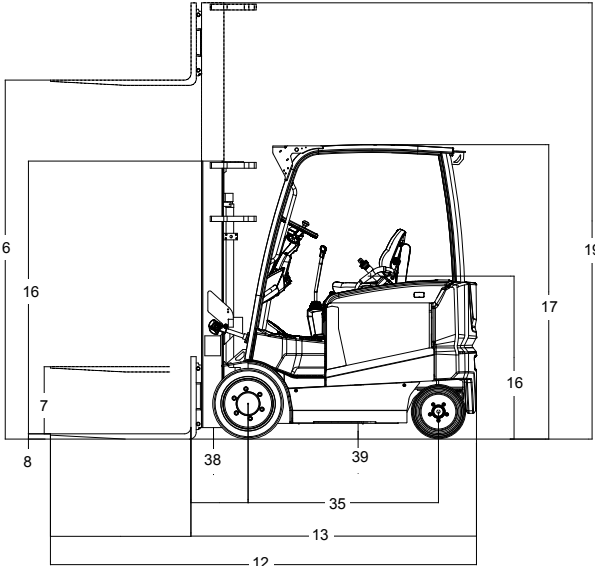
In short: our EFG C series electric cushion forklifts are high performing, customizable, reliable and compact, making them uniquely capable for every indoor application.

 **JUNGHEINRICH®**

Technical data

EFG C20Q-C40Q

Characteristics				EFG C20Q		EFG C25CQ		EFG C25Q					EFG C30Q		EFG C33Q		EFG C40Q	
	1	Capacity at rated load center	lb	kg	4,000	1,814	5,000	2,268	5,000	2,268	1	6,000	2,721	6,500	2,948	8,000	3,628	
	2	Load center -- distance	in	mm	24	600	24	500	24	500	2	24	600	24	500	24	600	
	3	Power – diesel, gasoline, LP gas, electric			Electric		Electric		Electric		3	Electric		Electric		Electric		
	4	Tire type – cushion, solid pneumatic			Cushion		Cushion		Cushion		4	Cushion		Cushion		Cushion		
5	Wheels (x=driven) number front / rear			2x / 2		2x / 2		2x / 2		5	2x / 2		2x / 2		2x / 2			
Dimensions	6	Maximum fork height (top of forks)	in	mm	1079	2,740	1079	2,740	1079	2,740	6	153.5	3,900	159.4	4,050	159.4	4,050	
	7	Free lift	in	mm	4.2	106	4.2	106	4.2	106	7	29.6	752	29.6	752	29.6	752	
	8	Forks – thickness x length x width	in	mm	1.5 x 4 x 42.1	38 x102 x 1,070	1.5 x 4 x 42.1	38 x102 x 1,070	1.5 x 4 x 42.1	38 x102 x 1,070	8	2.0 x 5 x 42.1	51 x 127 x 1,070	2.0 x 5 x 42.1	51 x 127 x 1,070	2.0 x 5 x 42.1	51 x 127 x 1,070	
	9	Fork carriage width	in	mm	36.2	920	36.2	920	36.2	920	9	40.2	1,020	40.2	1,020	40.2	1,020	
	10	Fork carriage ISO 232, class / type A, B			Class 2/ Type A		Class 2/ Type A		Class 2/ Type A		10	Class 3/ Type A		Class 3/ Type A		Class 3/ Type A		
	11	Tilt – forward / backward	deg		5 / 8		5 / 8		5 / 8		11	5 / 5		5 / 5		5 / 5		
	12	Overall length (with 42" long forks)	in	mm	127.2	3,232	127.2	3,232	130.8	3,322	12	132.4	3,363	133	3,378	136.3	3,463	
	13	Length to fork face (includes fork thickness)	in	mm	85	2,162	85	2,162	88.7	2,252	13	90.3	2,293	90.7	2,308	94.2	2,393	
	14	Overall width with single tires	in	mm	42.1	1,070	42.1	1,070	42.1	1,070	14	43.3	1,100	43.3	1,100	43.3	1,100	
	15	Height to top of lowered mast	in	mm	71.3	1,810	71.3	1,810	71.3	1,810	15	77.2	1,960	77.2	1,960	77.2	1,960	
	16	Seat height to SIP	in	mm	50	1,275	50	1,275	50	1,275	16	50	1,275	50	1,275	50	1,275	
	17	Height to top of overhead guard	in	mm	88	2,235	88	2,235	88	2,235	17	88	2,235	88	2,235	88	2,235	
	18	Drawbar pin height (middle)	in	mm	22.7	577	22.7	577	22.7	577	18	22.7	577	22.7	577	22.7	577	
	19	Height with mast raised	in	mm	155.7	3,954	155.7	3,954	155.7	3,954	19	201.1	5,108	201.1	5,108	210.1	5,108	
	20	Minimum outside turning radius	in	mm	68.5	1,740	68.5	1,740	72.0	1,830	20	72.0	1,830	72.6	1,845	76.0	1,930	
	21	Minimum aisle – 90° stack - zero clearance without load	in	mm	85.1	2,162	85.1	2,162	88.7	2,252	21	90.3	2,293	90.7	2,308	94.2	2,393	
Performance	22	Travel speed – loaded / empty (36 volt lead-acid)	mph	km/h	10.3 / 10.8	16.6 / 17.4	9.6 / 10.8	15.4 / 17.4	9.6 / 10.8	15.4 / 17.4	22	9.1 / 10.6	14.6 / 17.1	9.1 / 10.6	14.6 / 17.1	9.1 / 10.6	14.6 / 17.1	
	23	Travel speed – loaded / empty (48 volt lead-acid)	mph	km/h	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	23	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	11.3 / 11.3	18.2 / 18.2	
	24	Travel speed – loaded / empty (48 volt li-ion)	mph	km/h	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	24	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	12.3 / 12.5	19.8 / 20.1	
	25	Lift speed – loaded / empty (36 volt lead-acid) manual	fpm	m/s	66.4 / 84.5	0.34 / 0.43	62.3 / 85.4	0.32 / 0.43	62.3 / 85.4	0.32 / 0.43	25	52.8 / 72.3	0.27 / 0.37	50.7 / 68.7	0.26 / 0.35	47.7 / 68.7	0.24 / 0.35	
		Lift speed – loaded / empty (36 volt lead-acid) fingertip	fpm	m/s	69.9 / 100.4	0.36 / 0.51	69.9 / 100.4	0.36 / 0.51	69.9 / 100.4	0.36 / 0.51		58.8 / 92.5	0.30 / 0.47	50.0 / 77.8	0.25 / 0.40	50.0 / 77.8	0.25 / 0.40	
	26	Lift speed – loaded / empty (48 volt lead-acid) manual	fpm	m/s	71.3 / 104.2	0.36 / 0.53	66.4 / 104.2	0.34 / 0.53	66.4 / 104.2	0.34 / 0.53	26	55.6 / 89.9	0.28 / 0.46	50.9 / 70.6	0.26 / 0.36	47.2 / 70.6	0.24 / 0.36	
		Lift speed – loaded / empty (48 volt lead-acid) fingertip	fpm	m/s	88.7 / 120.0	0.45 / 0.61	88.7 / 120.0	0.45 / 0.61	88.7 / 120.0	0.45 / 0.61		75.8 / 106.7	0.38 / 0.54	64.4 / 90.7	0.33 / 0.46	64.4 / 90.7	0.33 / 0.46	
	27	Lift speed – loaded / empty (48 volt li-ion) manual	fpm	m/s	78.6 / 107.6	0.40 / 0.55	73.7 / 107.6	0.37 / 0.55	73.7 / 107.6	0.37 / 0.55	27	62.7 / 93.3	0.32 / 0.47	56.2 / 72.0	0.29 / 0.37	53.3 / 72.0	0.27 / 0.37	
		Lift speed – loaded / empty (48 volt li-ion) fingertip	fpm	m/s	110.2 / 120.0	0.56 / 0.61	110.2 / 120.0	0.56 / 0.61	110.2 / 120.0	0.56 / 0.61		86.6 / 110.2	0.44 / 0.56	79.7 / 92.5	0.40 / 0.47	79.7 / 92.5	0.40 / 0.47	
	28	Lowering speed – loaded / empty	fpm	m/s	94.5 / 79	0.48 / 0.40	94.5 / 79	0.48 / 0.40	94.5 / 79	0.48 / 0.40	28	96.5 / 96.5	0.49 / 0.49	98.5 / 98.5	0.50 / 0.50	76.8 / 76.8	0.39 / 0.39	
Weight	29	Maximum gradeability – loaded / empty	%		32		32		31		29	32		30		24		
	30	Empty – without battery	lb	kg	5,853	2,655	6,747	3,060	6,247	2,834	30	8,394	3,807	8,780	3,983	9,797	4,444	
	31	Axle load – with rated load (front / rear) (w/ minimum battery)	lb	kg	11,137 / 1,115	5,052 / 506	12,508 / 1,454	5,674 / 659	12,490 / 1,656	5,665 / 751	31	15,864 / 1,630	7,196 / 739	16,694 / 1,686	7,572 / 765	18,872 / 1,930	8,560 / 875	
	32	Axle load – without rated load (front / rear) (w/ minimum battery)	lb	kg	3,955 / 4,297	1,794	1,949	3,863 / 5,283	4,220 / 5,126	1,914 / 2,325	32	5,519 / 5,975	2,503 / 2,710	5,487 / 6,393	2,489 / 2,900	5,242 / 7,655	2,378 / 3,472	
Chassis	33	Tire size – front	in		21 x 7 x 15		21 x 7 x 15		21 x 7 x 15		33	22 x 8 x 16		22 x 3 x 16		22 x 8 x 16		
	34	Tire size – rear	in		16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25		34	16.25 x 6 x 11.25		16.25 x 6 x 11.25		16.25 x 6 x 11.25		
	35	Wheelbase	in	mm	57	1,450	57	1,450	70	1,549	35	70	1,549	70	1,549	70	1,549	
	36	Tread width – front, standard tires	in	mm	35.1	892	35.1	892	35.1	892	36	35.3	897	35.3	897	35.3	897	
	37	Tread width – rear tires	in	mm	35	888	35	888	35	888	37	35	888	35	888	35	888	
	38	Ground clearance – at lowest point at mast	in	mm	3.1	78.7	3.1	78.7	3.1	78.7	38	3.1	78.7	3.1	78.7	3.1	78.7	
	39	Ground clearance – at center of wheelbase	in	mm	4.4	112.5	4.4	112.5	4.4	112.5	39	4.4	112.5	4.4	112.5	4.4	112.5	
	40	Service brakes	type		foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		40	foot-operated, hydraulic		foot-operated, hydraulic		foot-operated, hydraulic		
	41	Parking brakes	type		automatic, hydraulic		automatic, hydraulic		automatic, hydraulic		41	automatic, hydraulic		automatic, hydraulic		automatic, hydraulic		
	Electrical	42	Battery type			lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion		42	lead-acid / li-ion		lead-acid / li-ion		lead-acid / li-ion	
43		Battery weight, minimum	lb	kg	2,400	1,089	2,400	1,069	3,100	1,406	43	3,100	1,406	3,100	1,406	3,100	1,406	
44		Battery weight, maximum	lb	kg	3,240	1,469	3,240	1,469	3,970	1,800	44	3,970	1,800	3,970	1,800	3,970	1,800	
45		Battery compartment size, maximum	in	mm	39.5 x 30.5 x 22.8	1,000 x 775 x 580	39.5 x 30.5 x 22.8	1,000 x 775 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580	45	39.5 x 34.4 x 22.8	1,000 x 870 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580	39.5 x 34.3 x 22.8	1,000 x 870 x 580	
46		Drive motor capacity (60 min. rating)	HP	kW	94	7	94	7	94	7	46	94	7	94	7	94	7	
47		Lift output (15% rating) (36 / 48 volt)	HP	kW	15.4 / 20.8	11.5 / 15.5	15.4 / 20.8	11.5 / 15.5	15.4 / 20.8	11.5 / 15.5	47	16.1 / 22.1	12 / 16.5	16.1 / 22.1	12 / 16.5	16.1 / 22.1	12 / 16.5	
48		Drive / hydraulic controls	type		AC transistor		AC transistor		AC transistor		48	AC transistor		AC transistor		AC transistor		
49		Relief pressure for attachments	bar	psi	180	2,610	180	2,610	180	2,610	49	180	2,610	180	2,610	180	2,610	
50		Flow rate for attachments	gpm	lpm	79	30	79	30	79	30	50	79	30	79	30	79	30	



Note: Equipping this model (these models) with a power source (e.g. Lithium-ion, Hydrogen Fuel cell, etc.) that has not been previously approved by the factory is considered a modification. Per OSHA 1910.178 and ANSI/ITSDF B56.1, please consult with your factory representative prior to installing any non-OEM power source that has not been previously approved.

The Jungheinrich Advantage - EFG C



Efficiency

Maximum performance with low energy consumption.

Our proven AC technology makes your EFG C electric forklift truck the perfect solution for productive and efficient multi-shift operations.

Energy-efficient operation

- Energy recovery with regenerative braking.
- Proven AC technology: high performance with low energy consumption.
- Optimized energy efficiency for longer operating times
- Minimized turning radius thanks to dual-motor front-wheel drive.
- Jungheinrich control featuring optimum acceleration, travel and lift speeds to achieve maximum throughput..

Low maintenance and long lasting

- Self-contained drive units incorporate robust gearbox and wet disc brakes.
- Extended service intervals and excellent service accessibility.
- Lithium battery offering featuring up to 8 yr warranty and 4,000 cycles



Control

Operator assistance for a wide variety of applications.

Solutions that can help provide confidence in daily operations.

Intelligent and reliable

- Available as standard, curveCONTROL automatically reduces speed when cornering.
- Deactivation of the drive and hydraulic functions if seat is unoccupied.
- The truck's low center of gravity, combined with the stable mast profile, helps ensure a high residual capacity.

Optimum design and visibility

- Reliable data transfer between electronic components via interface.
- Sturdy frame design for optimum truck stability.
- Mast, steering wheel and dash allow a clear view of the load and the travel route.

Additional functions

- Standard driveCONTROL controls the speed from a defined lift height.
- swayCONTROL automatically reduces mast sway at higher lift heights.
- Forward LED work lights provide great visibility in dark areas.
- Optional strobe light with various modes.
- Optional blue spotlight and red curtain lights to warn pedestrians in the vicinity.



Individuality

Your electric forklift truck – just the way you need it.

No matter what industry you are in; with the EFG C electric forklift truck, you can count on well thought-out functions, striking design and proven quality from Jungheinrich.

Space-saving and compact design

- Compact dimensions and a minimized turning radius enable operation in very confined spaces.
- Sturdy frame design offers optimum truck stability.
- Compact design does not sacrifice on operator comforts - fully adjustable vinyl seat and improved foot room come standard.

Various equipment options

- Optional Mini Steering Wheel brings steering functions to the left armrest for ergonomic and precise load handling.

Parts when you need them

- Jungheinrich's Parts Fast or Parts Free Guarantee ensures next-business-day delivery by 5:00 PM of all Jungheinrich parts in the United States, or they're free, including freight. For customers in Canada and Mexico, the guarantee ensures shipping of parts within 24 hours from the time the order was placed by the dealer. See your local Jungheinrich dealer for program details.

**The product shown may be different than the actual configuration based on market requirements.