

High-performance travel and lift speeds.

Narrow B-pillars design and panoramic roof.

Compact mast profiles with the excellent all-round visibility.

Heavy-duty hydraulic block for efficient work with attachments.

Individually adjustable, ergonomically sophisticated workplace.



## **EFG 425 – 435**

### **Electric Four-Wheel Counterbalanced Trucks (5,000 – 7,000 lbs.)**

Whether in the beverage industry, the building materials trade or the automotive sector, our versatile and efficient Series 4 electric four-wheel counterbalance forklift trucks are the perfect choice when it comes to the rapid handling of heavy loads for the internal transport of goods. Capacities of up to 7,000 lb. make them particularly suitable for use with attachments.

Two quiet drive motors provide the trucks with the necessary power, while the panoramic roof in combination with a narrow B-pillar guarantees optimal visibility. Optional travel assistance systems ensure safety.

Ergonomically speaking, the EFG Series 4 also impresses with its intuitive operating concept and the high degree of customization capability of the operator position, which not only offers maximum legroom but also a modern audio and sound system for the best mood at work.

 **JUNGHEINRICH®**

# Technical data

			EFG 425k		EFG 425		EFG 430k		EFG 430			
Characteristics	1	Capacity at rated load center	lb	kg	4,960	2,500	4,960	2,500	5,970	3,000	5,970	3,000
	2	Capacity at load center - distance	in	mm	24	600	24	600	24	600	24	600
	3	Power – diesel, gasoline, LP gas, electric			electric		electric		electric		electric	
	4	Tire type – cushion, solid pneumatic			solid pneumatic		solid pneumatic		solid pneumatic		solid pneumatic	
	5	Wheels (x=driven) number front / rear			2x / 2		2x / 2		2x / 2		2x / 2	
Dimensions	11	Maximum fork height*	in	mm	122	3,100	122	3,100	122	3,100	122	3,100
	12	Free fork height*	in	mm	5.9	150	5.9	150	5.9	150	5.9	150
	13	Forks – thickness x width x length	in	mm	1.6x3.4x45	40x100x1,150	1.6x3.4x45	40x100x1,150	1.8x4.9x45	45x125x1,150	1.8x4.9x45	45x125x1,150
		Fork spacing – out-to-out minimum / maximum	in	mm	13.25 / 40.25	335 / 1,022	13.25 / 40.25	335 / 1,022	13.75 / 40.5	349 / 1,028	13.75 / 40.5	349 / 1,028
	14	Tilt – forward / backward		deg	6° / 8°		6° / 8°		6° / 8°		6° / 8°	
	15	Length to fork face	in	mm	91.9	2,334	97.7	2,482	92.1	2,339	97.9	2,487
	16	Standard width	in	mm	47.2	1,200	47.2	1,200	47.2	1,200	47.2	1,200
	17	Width – w/ wide stance drive wheels	in	mm								
	18	Height – with lowered mast	in	mm	87.6	2,225	87.6	2,225	87.5	2,222	87.5	2,222
	19	Seat height to SIP	in	mm	45.4	1,154	45.4	1,154	45.4	1,154	45.4	1,154
Performance	20	Height to top of overhead guard	in	mm	88.2	2,240	88.2	2,240	88.2	2,240	88.2	2,240
	21	Height with extended mast	in	mm	145.7	3,700	145.7	3,700	151.9	3,857	151.9	3,857
	22	Minimum outside turning radius	in	mm	82	2,080	88	2,230	82	2,080	88	2,230
	23	Load moment constant	in	mm	17.4	442	17.4	442	17.6	447	17.6	447
	24	Min. aisle (90° stack) – must add load length and clearance	in	mm	99.3	2,522	105.2	2,672	99.5	2,527	105.4	2,677
	25	Travel speed – loaded / empty	mph	km/h	10.0 / 10.6	16 / 17	10.0 / 10.6	16 / 17	10.0 / 10.6	16 / 17	10.0 / 10.6	16 / 17
		<b>HP travel speed – loaded / empty</b>	<b>mph</b>	<b>km/h</b>	<b>12.4 / 12.4</b>	<b>20 / 20</b>	<b>12.4 / 12.4</b>	<b>20 / 20</b>	<b>12.4 / 12.4</b>	<b>20 / 20</b>	<b>12.4 / 12.4</b>	<b>20 / 20</b>
	26	Lift speed – loaded / empty	fpm	m/s	116.1 / 122.0	0.59 / 0.62	116.1 / 122.0	0.59 / 0.62	98.4 / 102.4	0.50 / 0.52	98.4 / 102.4	0.50 / 0.52
		<b>HP lift speed – loaded / empty</b>	<b>fpm</b>	<b>m/s</b>	<b>128.0 / 133.9</b>	<b>0.65 / 0.68</b>	<b>128.0 / 133.9</b>	<b>0.65 / 0.68</b>	<b>112.2 / 124.0</b>	<b>0.57 / 0.63</b>	<b>112.2 / 124.0</b>	<b>0.57 / 0.63</b>
	27	Lowering speed – loaded / empty	fpm	m/s	118.1 / 124.0	0.60 / 0.63	118.1 / 124.0	0.60 / 0.63	118.1 / 124.0	0.60 / 0.63	118.1 / 124.0	0.60 / 0.63
<b>HP lowering speed – loaded / empty</b>		<b>fpm</b>	<b>m/s</b>	<b>118.1 / 124.1</b>	<b>0.60 / 0.64</b>	<b>118.1 / 124.1</b>	<b>0.60 / 0.64</b>	<b>118.1 / 124.1</b>	<b>0.60 / 0.64</b>	<b>118.1 / 124.1</b>	<b>0.60 / 0.64</b>	
28	"Drawbar pull (max.) – 60 min. rating loaded / empty"	lb-f	N	1,798 / 1,798	8,000 / 8,000	1,798 / 1,798	8,000 / 8,000	1,574 / 1,686	7,000 / 7,500	1,574 / 1,686	7,000 / 7,500	
	<b>"HP Drawbar pull (max.) – 60 min. rating loaded / empty"</b>	<b>lb-f</b>	<b>N</b>	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>	
29	"Drawbar pull (max.) – 5 min. rating loaded / empty"	lb-f	N	3,597 / 3,732	16,000 / 16,600	3,597 / 3,732	16,000 / 16,600	3,485 / 3,732	15,500 / 16,600	3,485 / 3,732	15,500 / 16,600	
	<b>"HP Drawbar pull (max.) – 5 min. rating loaded / empty"</b>	<b>lb-f</b>	<b>N</b>	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>	
30	Gradeability – maximum – loaded / empty		%	18 / 26		18 / 26		18 / 26		18 / 26		
	<b>HP Gradeability – maximum – loaded / empty</b>		<b>%</b>	<b>27 / 29</b>		<b>27 / 29</b>		<b>23 / 29</b>		<b>23 / 29</b>		
Weight	31	Empty with minimum weight battery	lb	kg	10,342	4,691	10,234	4,642	11,680	5,298	11,338	5,143
	32	Axle load with rated load – front	lb	kg	14,140	6,414	14,255	6,466	16,323	7,404	16,303	7,395
	33	Axle load with rated load – rear	lb	kg	1,711	776	1,490	676	1,973	895	1,649	748
	34	Axle load without load – front	lb	kg	5,333	2,419	5,721	2,595	5,719	2,594	6,043	2,741
	35	Axle load without load – rear	lb	kg	5,009	2,272	4,513	2,047	5,961	2,704	5,295	2,402
Chassis	36	Tire size – front, standard solid pneumatic tires			225/75-10		225/75-10		250/60-12		250/60-12	
	37	Tire size – rear solid pneumatic tires			180/70-8		180/70-8		200/50-10		180/70-8	
	38	Wheelbase	in	mm	62.8	1,595	68.5	1,740	62.8	1,595	68.7	1,745
	39	Tread width – front, std. solid pneumatic tires	in	mm	39.0	990	39.0	990	37.4	950	37.4	950
	40	Tread width – rear solid pneumatic tires	in	mm	37.0	940	37.0	940	37.0	940	37.0	940
	41	Ground clearance – at lowest point at mast	in	mm	4.6	117	4.6	117	4.6	117	4.6	117
	42	Ground to seat index point	in	mm	5	135	5	135	5	135	5	135
	43	Service brakes	type		mechanical		mechanical		mechanical		mechanical	
	44	Parking brakes	type		electric		electric		electric		electric	
	45	Battery – dimensions (length x width x height)	in		27.99x40.47x30.87		33.66x40.47x30.87		27.99x40.47x30.87		33.66x40.47x30.87	
Powertrain	46	Battery – nominal capacity at 6 hr. discharge rate	Ah	kWh	620	49.6	775	62.0	620	49.6	775	62.0
	47	Battery – weight, minimum / maximum	lb	kg	3,263 / 4,037	1,480 / 1,831	3,902 / 4,436	1,770 / 2,012	3,263 / 4,037	1,480 / 1,831	3,902 / 4,436	1,770 / 2,012
	48	Motors – traction output (60 min. rating) / HP	HP	kW	12.1 / 15.2	9.0 / 11.3	12.1 / 15.2	9.0 / 11.3	12.1 / 15.2	9.0 / 11.3	12.1 / 15.2	9.0 / 11.3
	49	Motors – lift output (15% rating) / HP	HP	kW	23.6 / 29.5	17.6 / 22.0	23.6 / 29.5	17.6 / 22.0	23.6 / 29.5	17.6 / 22.0	23.6 / 29.5	17.6 / 22.0
50	Drive controls	type		impulse / AC		impulse / AC		impulse / AC		impulse / AC		
51	Hydraulic controls	type		AC		AC		AC		AC		
52	Flow rate for attachments	gpm	lpm	11.9	45	11.9	45	11.9	45	11.9	45	
53	Relief pressure – for attachments at auxiliary	psi	bar	3,481	240	3,481	240	3,481	240	3,481	240	
54	Noise level – mean value at operator's ear		dB(A)	68		68		68		68		

HP = High Performance \* Lift with standard two-stage mast

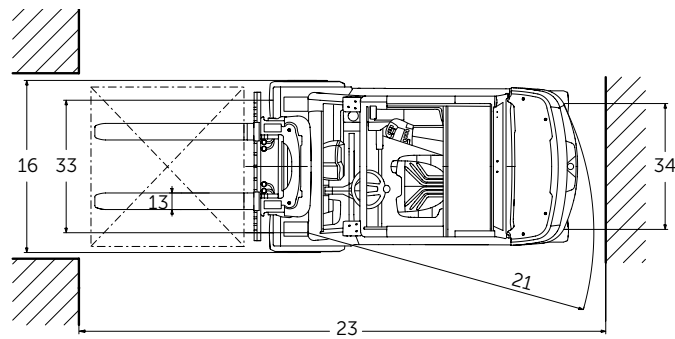
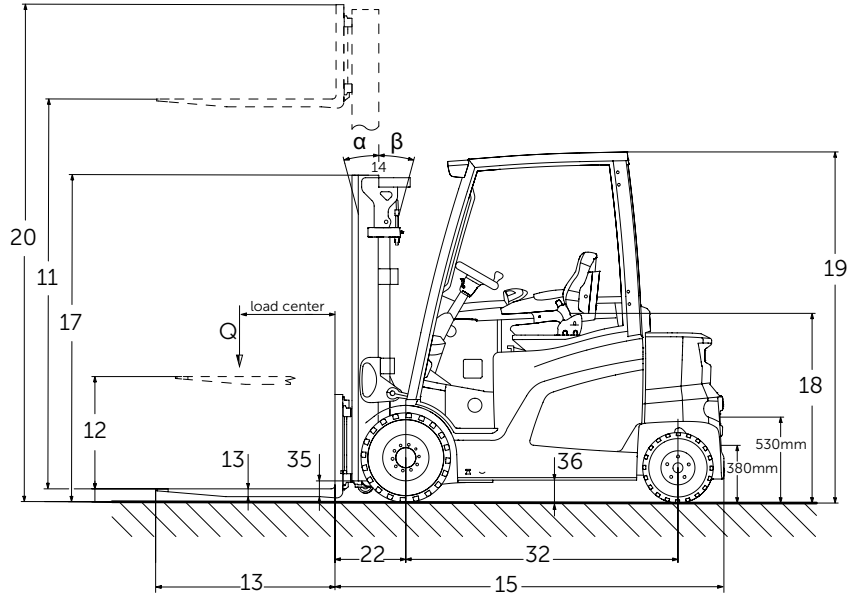
This specification sheet only provides technical values for the standard truck. Non-standard tires, different masts, different axle widths, additional equipment, etc. could produce other values.

Rights reserved for technical changes and improvements.

as of: 09/2023

	EFG S30		EFG 435	
1	6,610	3,000	6,960	3,500
2	24	600	24	600
3	electric		electric	
4	solid pneumatic		solid pneumatic	
5	2x / 2		2x / 2	
11	122	3,100	122	3,100
12	5.9	150	5.9	150
13	1.8x4.9x45	45x125x1,150	1.8x4.9x45	45x125x1,150
	13.75 / 40.5	349 / 1,028	13.75 / 40.5	349 / 1,028
14	6° / 8°		6° / 8°	
15	97.9	2,487	97.9	2,487
16	51.2	1,300	51.2	1,300
17	87.5	2,222	88.7	2,252
18	45.4	1,154	45.4	1,154
19	88.2	2,240	88.2	2,240
20	151.9	3,857	153.0	3,886
21	88	2,230	88	2,230
22	17.6	447	17.6	447
23	105.4	2,677	105.4	2,677
24	10.0 / 10.6	16 / 17	10.0 / 10.6	16 / 17
	<b>12.4 / 12.4</b>	<b>20 / 20</b>	<b>12.4 / 12.4</b>	<b>20 / 20</b>
25	98.4 / 102.4	0.50 / 0.52	94.5 / 100.4	0.48 / 0.51
	<b>112.2 / 124.0</b>	<b>0.57 / 0.63</b>	<b>100.4 / 104.3</b>	<b>0.51 / 0.53</b>
26	118.1 / 124.0	0.60 / 0.63	112.2 / 116.1	0.57 / 0.59
	<b>118.1 / 124.1</b>	<b>0.60 / 0.64</b>	<b>112.2 / 116.2</b>	<b>0.57 / 0.60</b>
	1,574 / 1,686	7,000 / 7,500	1,574 / 1,686	7,000 / 7,500
	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>	<b>2,248 / 2,248</b>	<b>10,000 / 10,000</b>
27	3,485 / 3,732	15,500 / 16,600	3,485 / 3,732	15,500 / 16,600
	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>	<b>4,226 / 4,226</b>	<b>18,800 / 18,800</b>
28	18 / 26		18 / 26	
	<b>23 / 29</b>		<b>21 / 29</b>	
29	11,982	5,435	12,487	5,664
	16,766	7,605	18,164	8,239
30	1,828	829	2,041	926
	6,109	2,771	6,184	2,805
	5,873	2,664	6,303	2,859
31	315/45-12		315/45-12	
	200/50-10		200/50-10	
32	68.7	1,745	68.7	1,745
33	39.4	1,000	39.4	1,000
34	37.0	940	37.4	950
35	4.6	117	5.8	147
36	5	135	5	135
37	mechanical		mechanical	
38	electric		electric	
39	33.66x40.47x30.87		33.66x40.47x30.87	
40	775	62.0	775	62.0
41	3,902 / 4,436	1,770 / 2,012	3,902 / 4,436	1,770 / 2,012
42	12.1 / 15.2	9.0 / 11.3	12.1 / 15.2	9.0 / 11.3
43	23.6 / 29.5	17.6 / 22.0	23.6 / 29.5	17.6 / 22.0
44	impulse / AC		impulse / AC	
45	AC		AC	
46	11.9	45	11.9	45
47	3,481	240	3,481	240
48	68		68	

# EFG 425-435



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



## Efficiency

Superior performance with the highly efficient trucks.

Raise your productivity to a new level: Benefit from increased travel and lift speeds as well as enduring lithium-ion technology for maximum performance with minimum energy consumption.

Improved energy efficiency

- Highly efficient synchronous reluctance motor.
- Compact controls and compact hydraulic unit.
- Needs-oriented control of the hydraulics and motors.

Individual equipment features

- PureEnergy technology concept for optimum efficiency thanks to the precise coordination of the Jungheinrich original components.
- drive&liftPLUS package with faster travel and lift speeds.
- Efficiency package with curveCONTROL to reduce the speed when cornering.

Available with lithium-ion technology

- High availability thanks to extremely short charging times.
- Maintenance-free operation and up to 3 times greater service life in comparison with lead-acid batteries.
- Ideally suited for multi-shift operation thanks to booster and rapid charging capability.
- No battery exchange required.

without notice and may vary by region. Please ask your local Jungheinrich dealer for complete terms and conditions.

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



## Safety

Designed solutions for operators.

In addition to various safety features for high drive dynamics, the EFG trucks impress with their assistance systems for a wide variety of applications.

High degree of ride safety

- System self-diagnostics of the truck before departure by means of a pre-operation check.
- Reduction of travel speed when cornering due to curveCONTROL.
- No uncontrolled roll-back thanks to automatic parking brake as standard.
- Panorama roof window and narrower B-pillar design.

Optional travel assistance systems

- accessCONTROL: access control system which only unlocks the truck once a sequence of safety checks has been completed: 1. Valid access code, 2. Seat switch closed, 3. Seat belt fastened.
- driveCONTROL: travel speed control, which automatically reduces the speed when cornering and from a defined lift height.
- liftCONTROL: lift speed control, which reduces the travel speed as well as the tilt speed of the mast from a defined lift height.



A forklift truck as individual as your business.

High level of seating comfort, an improved pedal configuration and individual operating options make our EFG Series 4 trucks accomplished helpers for your employees.

Individually adjustable operating concept

- Selection of 5 freely configurable travel programs.
- A choice of 3 different control systems: soloPILOT, duoPILOT and multiPILOT.
- Stepless single-point adjustment of the armrest and steering column in 2 axial directions.
- Adjustable lever and axle assignment of the controls.
- Single or double pedal operation.

Ergonomic workplace

- Low vibration as the cabin is not directly connected to the frame.
- Excellent view through frameless windows and optimized chain and hose configuration in the mast.
- Low, highlighted entry step with level foot-well.
- Slim steering column for maximum knee and legroom.
- Full-color TFT display with intuitive user interface.
- User-oriented storage concept.
- Large, adjustable armrest with different upholstery fabrics and spacious storage compartment.
- External power supply via optional USB ports in the armrest and/or the side storage.

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.

\* Programs may be subject to change

## Individuality

1-877-JH-FORKS

[www.logisnextamericas.com/jungheinrich](http://www.logisnextamericas.com/jungheinrich)

 **JUNGHEINRICH**<sup>®</sup>