

High performance trucks with low energy consumption

Tailored performance based on application with efficiency and Drive&Lift Plus models

Parameter steering (optional)

Sideways battery removal with SnapFit

Ergonomic and easily adjustable operators environment

Driver assistance systems to suit any application



EFG 535k/540k/540/545k/545/550/ S40/S50

Electric four-wheel counterbalance trucks (3,500/4,000/4,500/4,990/5,000 kg)

Our Pure Energy technology concept enables us to achieve the best possible energy efficiency coupled with maximum performance.

By using the most advanced 3-phase AC technology in combination with our own manufactured electronic controller as well as an efficient and compact hydraulic unit, we have been able to significantly reduce energy consumption – while simultaneously increasing throughput. This is verified by tests as per the VDI cycle: At full throughput, our new Series 5 EFG consumes up to 20% less energy than a comparable competitors model.

A choice of configuration packages with variable travel/lift speeds from the Efficiency and Drive&Lift Plus modules will complete your transport and stacking operations with maxi-

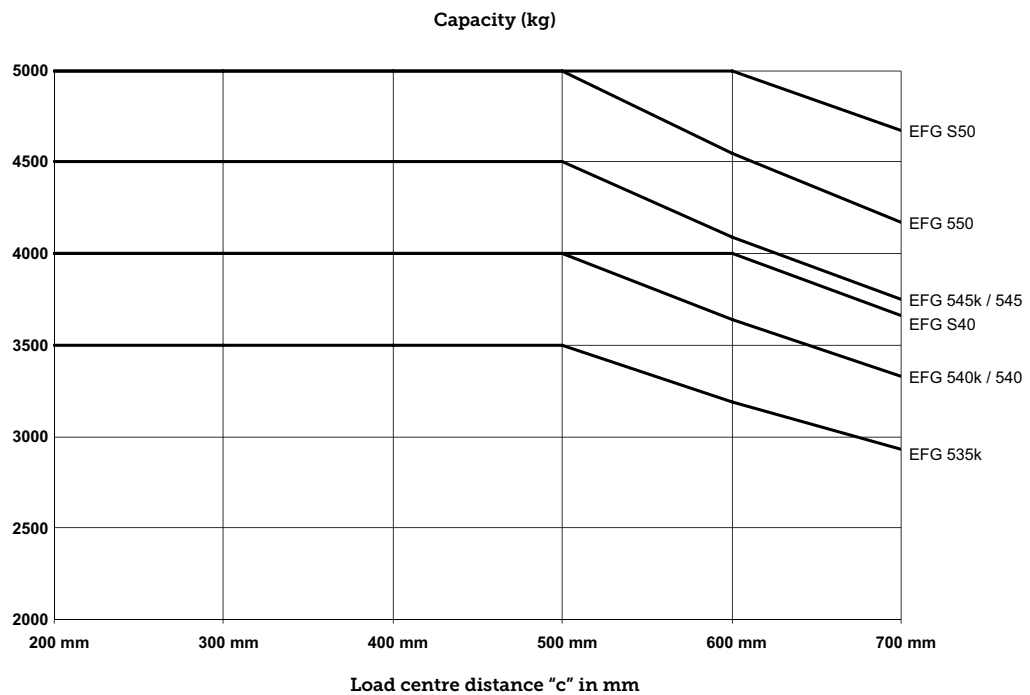
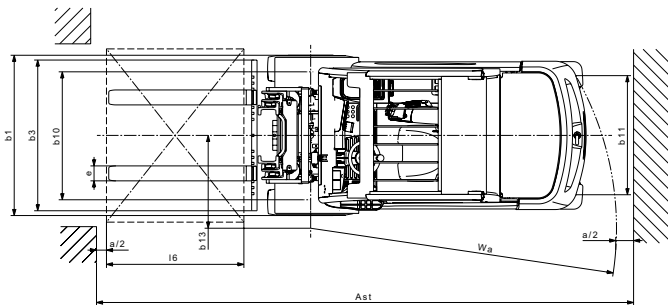
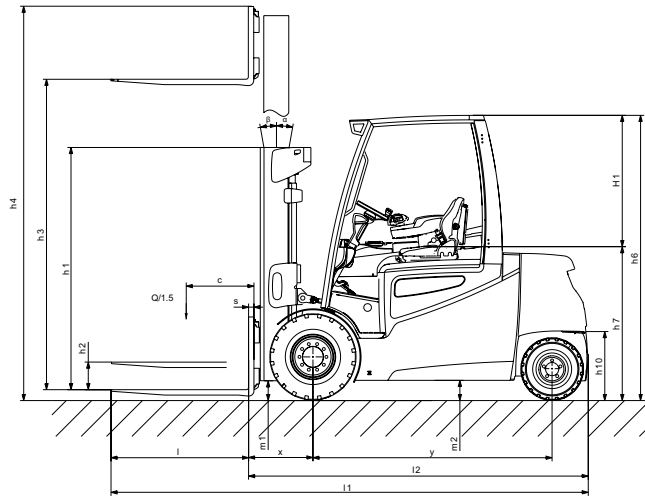
mum energy efficiency.

The infinitely adjustable steering column and armrest allow for adjustment to suit all operator sizes. The individual adjustment of the controls is very easy to carry out thanks to the single-point adjustment via two adjustable axes.

The truck chassis is closed on the right side of the operator. This guarantees maximum rigidity and stability for the overall design. It also forms the basis for a number of storage options: From two sizes of cup holder via a clipboard to different sizes of compartments for e.g. papers and a smartphone. There is therefore room for everything that operators need to work efficiently throughout their shifts.

JUNGHEINRICH
Machines. Ideas. Solutions.

EFG 535k/540k/540/545k/545/550/S40/S50



EFG 535k/540k/540/545k/545/550/S40/S50

Standard mast types EFG 535k/540k/540/545k/545/550/S40/S50																
	Lift h ₃ (mm)	Lowered mast height h ₁ (mm)			Free lift h ₂ (mm)				Extended mast height h ₄ (mm)					Mast tilt forward / back α/β (°)		
		EFG 535k	EFG 540k / 540 / S40 / 545k / 545 / 550	EFG S50	EFG 535k	EFG 540k / 540 / 545k / 545	EFG S40 / 550	EFG S50	EFG 535k	EFG 540k / 540	EFG S40 / 550	EFG 545k / 545	EFG S50	EFG 535k	EFG 540k / 540 / S40 / 545k / 545 / 550	EFG S50
Duplex ZT	2750	-	2125	2125	-	150	150	150	-	3425	3560	3410	3575	-	6/8	6/8
	2900	2200	-	-	150	-	-	-	3689	-	-	-	-	6/8	-	-
	3000	-	2250	2250	-	150	150	150	-	3675	3810	3660	3825	-	6/8	6/8
	3100	2300	-	-	150	-	-	-	3889	-	-	-	-	6/8	-	-
	3300	2400	-	-	150	-	-	-	4089	-	-	-	-	6/8	-	-
	3500	2500	2500	2500	150	150	150	150	4289	4175	4310	4160	4325	6/8	6/8	6/8
	3700	2600	-	-	150	-	-	-	4489	-	-	-	-	6/8	-	-
	4000	2750	2750	2750	150	150	150	150	4789	4675	4810	4660	4825	6/8	6/8	6/8
	4300	2950	-	-	150	-	-	-	5089	-	-	-	-	6/8	-	-
	4500	3050	3000	3000	150	150	150	150	5289	5175	5310	5160	5325	6/8	6/8	6/8
	5000	-	3250	3250	-	150	150	150	-	5675	5810	5660	5825	-	6/8	6/8
	5500	-	3500	3500	-	150	150	150	-	6175	6310	6160	6325	-	6/5	6/5
	6000	-	3750	3750	-	150	150	150	-	6675	6810	6660	6825	-	6/5	6/5
	6500	-	4000	4000	-	150	150	150	-	7175	7310	7160	7325	-	6/5	6/5
	Duplex ZZ	2725	-	-	2100	-	-	-	1225	-	-	-	-	3600	-	-
2775		-	2100	-	-	1380	1230	-	-	3495	3630	3480	-	-	6/8	-
2975		-	-	2225	-	-	-	1350	-	-	-	-	3845	-	-	6/8
3025		-	2225	-	-	1505	1355	-	-	3745	3880	3730	-	-	6/8	-
3100		2265	-	-	1496	-	-	-	3669	-	-	-	-	6/8	-	-
3475		-	-	2475	-	-	-	1600	-	-	-	-	4345	-	-	6/8
3500		2465	-	-	1696	-	-	-	4069	-	-	-	-	6/8	-	-
3525		-	2475	-	-	1755	1605	-	-	4245	4380	4230	-	-	6/8	-
3700		2565	-	-	1796	-	-	-	4269	-	-	-	-	6/8	-	-
3975		-	-	2725	-	-	-	1850	-	-	-	-	4845	-	-	6/8
4000		2715	-	-	1946	-	-	-	4469	-	-	-	-	6/8	-	-
4025		-	2725	-	-	2005	1855	-	-	4745	4880	4730	-	-	6/8	-
4475		-	-	2975	-	-	-	2100	-	-	-	-	5345	-	-	6/8
4525		-	2975	-	-	2255	2105	-	-	5245	5380	5230	-	-	6/8	-
4975		-	-	3225	-	-	-	2350	-	-	-	-	5845	-	-	6/8
5025	-	3225	-	-	2505	2355	-	-	5745	5880	5730	-	-	6/8	-	
5475	-	-	3475	-	-	-	2600	-	-	-	-	6345	-	-	6/5	
5525	-	3475	-	-	2755	2605	-	-	6245	6380	6230	-	-	6/5	-	
Triplex DZ	3930	-	-	2060	-	-	-	1185	-	-	-	-	4805	-	-	6/8
	4050	-	-	2100	-	-	-	1225	-	-	-	-	4925	-	-	6/8
	4150	-	2100	-	-	1380	1230	-	-	4870	5005	4855	-	-	6/8	-
	4400	2165	-	-	1396	-	-	-	5169	-	-	-	-	6/8	-	-
	4425	-	-	2225	-	-	-	1350	-	-	-	-	5295	-	-	6/8
	4525	-	2225	-	-	1503	1353	-	-	5246	5396	5246	-	-	6/8	-
	4700	2265	-	-	1496	-	-	-	5469	-	-	-	-	6/8	-	-
	4855	-	2335	-	-	1615	1465	-	-	5575	5710	5560	-	-	6/8	-
	5000	2365	-	-	1596	-	-	-	5769	-	-	-	-	6/8	-	-
	5175	-	-	2475	-	-	-	1600	-	-	-	-	6045	-	-	6/8
	5275	-	2475	-	-	1755	1605	-	-	5995	6130	5980	-	-	6/5	-
	5500	2565	-	-	1796	-	-	-	6269	-	-	-	-	6/5	-	-
	5550	-	-	2600	-	-	-	1725	-	-	-	-	6425	-	-	6/8
	5650	-	2600	-	-	1880	1730	-	-	6370	6505	6355	-	-	6/5	-
	5925	-	-	2725	-	-	-	1850	-	-	-	-	6795	-	-	6/8
	6000	2765	-	-	1996	-	-	-	6769	-	-	-	-	6/5	-	-
	6200	-	-	2815	-	-	-	1940	-	-	-	-	7075	-	-	6/5
	6400	-	2850	-	-	2130	1980	-	-	7120	7255	7105	-	-	6/3	-
6500	2965	-	-	2196	-	-	-	7269	-	-	-	-	6/5	-	-	
6675	-	-	2975	-	-	-	2100	-	-	-	-	7545	-	-	6/5	
7000	3165	-	-	2396	-	-	-	7769	-	-	-	-	6/3	-	-	
7180	-	3110	-	-	2390	2240	-	-	7900	8035	7885	-	-	6/3	-	

Technical data in line with VDI 2198

		Jungheinrich						
		EFG 535k	EFG 540k	EFG 540	EFG 545k			
Identification	1.1	Manufacturer (short form)		Jungheinrich				
	1.2	Model						
	1.3	Drive		Electrics				
	1.4	Manual, pedestrian, stand-on, seated, order picker operation		seat				
	1.5	Load capacity/rated load	Q t	3.5	4	4	4.5	
	1.6	Load centre distance	c mm	500				
1.8	Load distance	x mm	519 ²⁾	510 ¹⁾	510 ¹⁾	510 ¹⁾		
1.9	Wheelbase	y mm	1,856	1,856	2,000	1,856		
Weights	2.1.1	Net weight incl. battery (see row 6.5)		5,830	6,726	6,701	7,186	
	2.2	Axle load, w. load, front / rear		8,310 / 1,020	9,730 / 996	9,726 / 975	10,608 / 1,078	
	2.3	Axle load, w.o. load, front / rear		2,960 / 2,870	3,553 / 3,173	3,706 / 2,995	3,659 / 3,527	
Wheels / chassis	3.1	Tyres		SE				
	3.2	Tyre size, at front		250-15	250-15	250-15	28 x 12, 5-15	
	3.3	Tyre size, at rear		21 x 8-9				
	3.5	Wheels, number front/rear (x = driven wheels)		2x/2				
	3.6	Track width, front	b ₁₀ mm	1,115	1,115	1,115	1,155	
	3.7	Track width, rear	b ₁₁ mm	950				
	Basic dimensions	4.1	Tilt of mast/fork carriage forward/backward		α/β °			
4.2		Mast height (lowered)		h ₁ mm	2,300	2,250	2,250	2,236
4.3		Free lift		h ₂ mm	150			
4.4		Lift		h ₃ mm	3,100	3,000	3,000	3,000
4.5		Extended mast height		h ₄ mm	3,889	3,676	3,676	3,660
4.7		Height of overhead guard		h ₆ mm	2,365	2,365	2,365	2,350
4.8		Seat height/stand height		h ₇ mm	1,313	1,313	1,313	1,303
4.12		Coupling height		h ₁₀ mm	396			
4.12.1		2nd coupling height		mm	566			
4.19		Overall length		l ₁ mm	3,827	3,818	3,962	3,818
4.20		Length incl. back of forks		l ₂ mm	2,677	2,668	2,812	2,668
4.21		Total width		b ₂ /b ₂ mm	1,340	1,340	1,340	1,450
4.22		Fork dimensions		s/e/l mm	45 / 125 / 1,150	50 / 125 / 1,150	50 / 125 / 1,150	50 / 150 / 1,150
4.23		Fork carriage ISO 2328, class/type A, B		3A				
4.24		Fork carriage width		b ₃ mm	1,120	1,260	1,260	1,260
4.31		Floor clearance with load under mast		m ₁ mm	143	136	136	122
4.32		Floor clearance centre wheelbase		m ₂ mm	150			
4.33	Aisle width for pallets 1000 x 1200 sideways		Ast mm	4,020	3,994	4,160	3,994	
4.34	Aisle width for pallets 800 x 1200 lengthways		Ast mm	4,220	4,194	4,360	4,194	
4.35	Turning radius		W ₆ mm	2,284	2,284	2,450	2,284	
4.36	Smallest pivot point distance		b ₁₃ mm	660	660	721	660	
Performance data	5.1	Travel speed laden/unladen - Efficiency		km/h	15 / 16	14 / 16	14 / 16	14 / 16
		Travel speed laden/unladen - Drive&Lift Plus		km/h	17 / 18	15 / 17	15 / 17	15 / 17
	5.2	Lift speed, laden/unladen - Efficiency		m/s	0.38 / 0.5	0.31 / 0.43	0.31 / 0.43	0.3 / 0.41
		Lift speed, laden/unladen - Drive&Lift Plus		m/s	0.43 / 0.55	0.35 / 0.5	0.35 / 0.5	0.33 / 0.45
	5.3	Lowering speed laden/unladen - Efficiency		m/s	0.56 / 0.56	0.55 / 0.5	0.55 / 0.5	0.55 / 0.5
		Lowering speed laden/unladen - Drive&Lift Plus		m/s	0.56 / 0.56	0.55 / 0.5	0.55 / 0.5	0.55 / 0.5
	5.5	Drawbar pull laden/unladen - Efficiency		N	5,300 / 5,800	5,100 / 5,600	5,100 / 5,600	4,900 / 5,500
		Drawbar pull laden/unladen - Drive&Lift Plus		N	5,300 / 5,800	5,100 / 5,600	5,100 / 5,600	4,900 / 5,500
	5.6	Max. drawbar pull laden/unladen - Efficiency		N	14,700 / 15,000	14,600 / 14,900	14,600 / 14,900	14,500 / 14,800
		Max. drawbar pull laden/unladen - Drive&Lift Plus		N	14,700 / 15,000	14,600 / 14,900	14,600 / 14,900	14,500 / 14,800
	5.7	Gradeability laden/unladen - Efficiency		%	10.2 / 16.7	9.3 / 15.4	9.3 / 15.4	8.1 / 13.5
		Gradeability laden/unladen - Drive&Lift Plus		%	11.5 / 19	10.8 / 17.7	10.8 / 17.7	9.4 / 15.8
	5.8	Max. gradeability laden/unladen - Efficiency		%	15.8 / 24	14.1 / 22.3	14.1 / 22.3	12.5 / 20.4
	Max. gradeability laden/unladen - Drive&Lift Plus		%	17 / 27.8	15.4 / 26.1	15.4 / 26.1	13.7 / 23.9	
5.9.1	Acceleration time laden/unladen (over 10 m) - Efficiency		S	5 / 4.3	5.2 / 4.4	5.2 / 4.4	5.7 / 4.8	
	Acceleration time laden/unladen (over 10 m) - Drive&Lift Plus		S	4.9 / 4.3	5 / 4.4	5 / 4.4	5.5 / 4.8	
5.10	Service brake		mechanical					
Electrics	6.1	Drive motor, rating S2 60 min. - Efficiency/Drive&Lift Plus		kW				
				14.5 / 18				
	6.2	Lift motor, rating at S3 15% - Efficiency/Drive & Lift Plus		kW				
				20 / 24				
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		A 43536				
	6.4	Battery voltage/nominal capacity K5		V/Ah	80 / 775	80 / 775	80 / 930	80 / 775
	6.5	Battery weight		kg	1,863	1,863	2,178	1,863
		Battery dimensions L/W/H		mm	1,028 / 855 / 784	1,028 / 855 / 784	1,028 / 999 / 784	1,028 / 855 / 784
6.6	Energy consumption according to VDI cycle Efficiency/Drive&Lift Plus		kWh/h	9.6 / 10.1 ³⁾	10.5 / 11 ³⁾	10.5 / 11 ³⁾	11.1 / 11.6 ³⁾	
6.7	Efficiency/Drive&Lift Plus throughput		t/h	224 / 238	244 / 260	244 / 260	270 / 288	
6.8	Energy consumption at max. Efficiency/Drive&Lift Plus throughput		kWh/h	8.5 / 10.1	8.5 / 10.3	8.5 / 10.3	8.9 / 10.3	
Misc.	8.1	Type of drive control		Impuls/AC				
	8.2	Working pressure for attachments		bar				
				200				
	8.3	Oil flow for attachments		l/min				
				30				
8.4	Sound pressure level at operator's ear according to EN 12053		dB (A)					
			69					
8.5	Trailer coupling, model/type DIN		DIN 15170 H					

1) + 25 mm with DZ mast

2) + 3 mm with DZ mast

3) 60 VDI working cycles / h

Technical data in line with VDI 2198

		Jungheinrich					
		EFG 545	EFG 550	EFG 540	EFG 550		
Identification	1.1	Manufacturer (short form)	Jungheinrich				
	1.2	Model					
	1.3	Drive	Electrics				
	1.4	Manual, pedestrian, stand-on, seated, order picker operation	seat				
	1.5	Load capacity/rated load	Q t	4.5	4.99	4	5
	1.6	Load centre distance	c mm	500	500	600	600
	1.8	Load distance	x mm	510 ¹⁾	510 ¹⁾	510	510 ¹⁾
	1.9	Wheelbase	y mm	2,000	2,000	2,080	2,080
Weights	2.1.1	Net weight incl. battery (see row 6.5)	kg	7,161	7,549	7,176	8,036
	2.2	Axle load, w. load, front / rear	kg	10,549 / 1,112	11,282 / 1,257	10,025 / 1,151	11,677 / 1,359
	2.3	Axle load, w.o. load, front / rear	kg	3,777 / 3,385	3,772 / 3,777	3,891 / 3,285	3,932 / 4,104
Wheels / chassis	3.1	Tyres	SE				
	3.2	Tyre size, at front	mm	28 x 12, 5-15	28 x 12, 5-15	28x12.5-15	28 x 12, 5-15
	3.3	Tyre size, at rear	mm	21 x 8-9	21 x 8-9	23x10-12	23x10-12
	3.5	Wheels, number front/rear (x = driven wheels)		2x/2			
	3.6	Track width, front	b ₁₀ mm	1,155			
	3.7	Track width, rear	b ₁₁ mm	950	950	1,200	1,200
	Basic dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β °	6/8		
4.2		Mast height (lowered)	h ₁ mm	2,236			
4.3		Free lift	h ₂ mm	150			
4.4		Lift	h ₃ mm	3,000			
4.5		Extended mast height	h ₄ mm	3,660	3,810	3,810	3,810
4.7		Height of overhead guard	h ₆ mm	2,350			
4.8		Seat height/stand height	h ₇ mm	1,303			
4.12		Coupling height	h ₁₀ mm	396			
4.12.1		2nd coupling height	mm	566			
4.19		Overall length	l ₁ mm	3,962	3,962	4,102	4,102
4.20		Length incl. back of forks	l ₂ mm	2,812	2,812	2,952	2,952
4.21		Total width	b ₁ /b ₂ mm	1,450			
4.22		Fork dimensions	s/e/l mm	50 / 150 / 1,150	50 / 150 / 1,150	50 / 150 / 1,150	60 / 150 / 1,150
4.23		Fork carriage ISO 2328, class/type A, B		3A	3A	3A	4A
4.24		Fork carriage width	b ₃ mm	1,260			
4.31		Floor clearance with load under mast	m ₁ mm	122			
4.32	Floor clearance centre wheelbase	m ₂ mm	150				
4.33	Aisle width for pallets 1000 x 1200 sideways	A _{st} mm	4,160	4,160	4,347	4,347	
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st} mm	4,360	4,360	4,547	4,547	
4.35	Turning radius	W _a mm	2,450	2,450	2,637	2,637	
4.36	Smallest pivot point distance	b ₁₃ mm	721	721	673	673	
Performance data	5.1	Travel speed laden/unladen - Efficiency	km/h	14 / 15.5	14 / 15	14 / 15.5	13.5 / 14.5
		Travel speed laden/unladen - Drive&Lift Plus	km/h	15 / 17			
	5.2	Lift speed, laden/unladen - Efficiency	m/s	0.3 / 0.41	0.28 / 0.41	0.3 / 0.41	0.27 / 0.4
		Lift speed, laden/unladen - Drive&Lift Plus	m/s	0.33 / 0.45	0.33 / 0.45	0.33 / 0.45	0.31 / 0.45
	5.3	Lowering speed laden/unladen - Efficiency	m/s	0.55 / 0.5			
		Lowering speed laden/unladen - Drive&Lift Plus	m/s	0.55 / 0.5			
	5.5	Drawbar pull laden/unladen - Efficiency	N	4,900 / 5,500	4,800 / 5,400	4,900 / 5,500	4,700 / 5,300
		Drawbar pull laden/unladen - Drive&Lift Plus	N	4,900 / 5,500	4,800 / 5,400	4,900 / 5,500	4,700 / 5,300
	5.6	Max. drawbar pull laden/unladen - Efficiency	N	14,500 / 14,800	14,400 / 14,700	14,500 / 14,800	14,400 / 14,700
		Max. drawbar pull laden/unladen - Drive&Lift Plus	N	14,500 / 14,800	14,400 / 14,700	14,500 / 14,800	14,400 / 14,700
5.7	Gradeability laden/unladen - Efficiency	%	8.1 / 13.5	7.5 / 13.5	8.1 / 13.5	7.1 / 12.7	
	Gradeability laden/unladen - Drive&Lift Plus	%	9.4 / 15.8	8.8 / 15.8	9.4 / 15.8	8.4 / 15	
5.8	Max. gradeability laden/unladen - Efficiency	%	12.5 / 20.5	12.1 / 20	12.5 / 20.4	11.4 / 18.9	
	Max. gradeability laden/unladen - Drive&Lift Plus	%	13.7 / 23.9	13.2 / 23.4	13.7 / 23.4	12.5 / 22.2	
5.9.1	Acceleration time laden/unladen (over 10 m) - Efficiency	S	5.7 / 4.8	6 / 5.2	5.7 / 4.8	6.4 / 5.5	
	Acceleration time laden/unladen (over 10 m) - Drive&Lift Plus	S	5.5 / 4.8	5.8 / 5.2	5.5 / 4.8	6.1 / 5.5	
5.10	Service brake		mechanical	mechanical	mechanical	electric/mechanical	
Electrics	6.1	Drive motor, rating S2 60 min. - Efficiency/Drive&Lift Plus	kW	14.5 / 18			
	6.2	Lift motor, rating at S3 15% - Efficiency/Drive & Lift Plus	kW	20 / 24			
	6.3	Battery according to DIN 43531/35/36 A,B,C, no		A 43536			
	6.4	Battery voltage/nominal capacity K5	V/Ah	80 / 930			
	6.5	Battery weight	kg	2,178			
		Battery dimensions L/W/H	mm	1,028 / 999 / 784			
	6.6	Energy consumption according to VDI cycle Efficiency/Drive&Lift Plus	kWh/h	11.1 / 11.6 ²⁾	11.4 / 11.9 ²⁾	11.1 / 11.6 ²⁾	12 / 12.5 ²⁾
	6.7	Efficiency/Drive&Lift Plus throughput	t/h	270 / 288	295 / 315	252 / 260	290 / 315
6.8	Energy consumption at max. Efficiency/Drive&Lift Plus throughput	kWh/h	8.9 / 10.3	9.3 / 10.4	9.3 / 10.4	9.3 / 10.5	
Misc.	8.1	Type of drive control		Impuls/AC			
	8.2	Working pressure for attachments	bar	200			
	8.3	Oil flow for attachments	l/min	30			
	8.4	Sound pressure level at operator's ear according to EN 12053	dB (A)	69			
	8.5	Trailer coupling, model/type DIN		DIN 15170 H			

¹⁾ + 25 mm with DZ mast

²⁾ 60 VDI working cycles / h

In accordance with VDI Guideline 2198 this specification sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

EFG 535k/540k/540/545k/545/550/S40/S50



Benefit from the advantages



Sideways battery removal



DUO-PILOT



Ergonomic workstation



Storage facilities

Pure Energy

Our Pure Energy technology concept enables you to achieve the best possible energy efficiency coupled with maximum throughput:

- Most advanced 3-phase AC technology.
- Compact controller.
- Compact hydraulic unit.
- Demands-oriented control of the hydraulics/motors.

Options packages

The right truck for every customer application. The Efficiency and Drive&Lift Plus packages make it possible:

Efficiency package:

- Jungheinrich Curve Control.

Drive&Lift Plus package:

- Performance package with greater travel/lift speeds.

Parameter steering

Electric steering with dynamic response dependent on the travel program selected.

- Minimises unwanted steering changes.
- Slim steering column creates more legroom.
- Further improved energy efficiency.
- Further optimised throughput.

Sideways battery exchange

- Universal battery exchange system for all 48 V and 80 V trucks.

- Simple, rapid and reliable exchange system.

Individually adjustable operating concept

- A choice of five parameterised travel programmes.
- Stepless single-point adjustment of the armrest and steering column in two axes.
- A choice of three different operating controls.
- Adjustable lever and controls.
- Single or double pedal operation.

Operator-oriented workstation

The ergonomics of the operator's workstation guarantee relaxed, fatigue-free work:

- Low, highlighted entry step with level foot-well.
- Slim steering column for maximum knee and legroom.
- High-resolution, contrast-rich full-colour TFT display with self-explanatory symbols.
- Unobstructed view thanks to special overhead guard design, optimised chain and hose configuration.
- Operator-oriented storage concept for intuitive working
- Large, adjustable armrest with different upholstery fabrics and spacious storage compartment
- USB port for external power supply

- Low vibrations as the cab floats on special mountings

Safety

High drive dynamics and performance levels also require a high level of safety:

- Reduction in speed when cornering thanks to Jungheinrich Curve Control.
- No uncontrolled roll-back on ramps or inclines due to automatic parking brake (optional).
- Excellent stability due to extremely low centre of gravity and high pivot steer axle.

A range of optional operator assistance systems (optional) provides additional safety for the operator, truck and load:

- Access Control: The access control system releases the truck only after a sequence of safety checks:
 1. Valid access code.
 2. Closed seat switch.
 3. Seatbelt is secured.
- Drive Control: The speed control which automatically reduces the speed of travel when cornering and from a defined lift height.
- Lift Control: The lift speed control which, in addition to reducing travel speed, also automatically reduces the tilt speed of the mast from a defined lift height. The tilt angle is shown on a separate display.

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The German production facilities in Norderstedt and Moosburg are certified. **ISO 9001**
ISO 14001

Jungheinrich fork lift trucks meet European safety requirements.



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