



Electric Counterbalance Trucks

EG25 – EG35*

Capacity 2.5 t - 3.5 t | Series 1276-02 | Linde Grey Line

Versatile Load Mover

- The twin-motor front-wheel drive ensures maximum traction
- Perfectly suited for indoor applications due to its compact design
- Available with lead-acid or lithium-ion battery
- Ergonomic operator workplace with Linde Load Control

*EG = Electric Grey Line | Cost-effective trucks for light- to medium-duty applications

TECHNICAL DATA (according to VDI 2198)

Characteristics	1.1	Manufacturer		Linde MH	Linde MH
	1.2	Manufacturer's type designation		EG25	EG30
	1.2a	Series		1276-02	1276-02
	1.3	Power unit		Battery	Battery
	1.4	Operation		Seat	Seat
	1.5	Load capacity/Load	Q (t)	2.5	3.0
	1.6	Load centre distance	c (mm)	500	500
	1.8	Axle centre to fork face	x (mm)	447	450
Weights	1.9	Wheelbase	y (mm)	1780	1780
	2.1	Service weight	kg	4593 ¹⁾	4834 ¹⁾
	2.2	Axle load with load, front/rear	kg	6170/923	6978/856
Wheels/Tyres	2.3	Axle load without load, front/rear	kg	2340/2253 ¹⁾	2377/2457 ¹⁾
	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE
	3.2	Tyre size, front		225/75-10 (23x9-10)	250/60-12 (23x10-12)
	3.3	Tyre size, rear		200/50-10	200/50-10
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2
	3.6	Track width, front	b10 (mm)	950	980
	3.7	Track width, rear	b11 (mm)	932	932
Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/7.5	5.0/7.5
	4.2	Height of mast, lowered	h1 (mm)	2241	2241
	4.3	Free lift	h2 (mm)	150	150
	4.4	Lift	h3 (mm)	3195	3195
	4.5	Height of mast, extended	h4 (mm)	3978	3981
	4.7	Height of overhead guard (cabin)	h6 (mm)	2085	2085
	4.8	Seat height relating to SIP/stand height	h7 (mm)	1134	1134
	4.12	Towing coupling height	h10 (mm)	654	654
	4.19	Overall length	l1 (mm)	3500	3503
	4.20	Length to fork face	l2 (mm)	2500	2503
	4.21	Overall width	b1/b2 (mm)	1175	1175
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	45 × 100 × 1000	45 × 100 × 1000
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	3A
	4.24	Width of fork carriage	b3 (mm)	1150	1150
	4.31	Ground clearance, below mast	m1 (mm)	138	137
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	122	122
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3902 ²⁾	3905 ²⁾
	4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	4102 ²⁾	4105 ²⁾
	4.35	Turning radius	Wa (mm)	2255	2255
	4.36	Minimum pivoting point distance	b13 (mm)	636	636
Performance	5.1	Travel speed, with/without load	km/h	20/20	20/20
	5.1.1	Travel speed, with/without load, backwards	km/h	20/20	20/20
	5.2	Lifting speed, with/without load	m/s	0.44/0.51	0.42/0.51
	5.3	Lowering speed, with/without load	m/s	0.56/0.56	0.56/0.56
	5.5	Tractive force, with/without load	N	5550/6500	5150/6600
	5.6	Maximum tractive force, with/without load	N	14300/13760	14200/13860
	5.7	Climbing ability, with/without load	%	8.0/15.0	7.0/14.0
	5.8	Maximum climbing ability, with/without load	%	21.0/30.0	18.0/29.0
	5.9	Acceleration time, with/without load	s	6.3/6.1	6.5/6.0
	5.10	Service brake		electric/mechanical	electric/mechanical
Drive	6.1	Drive motor rating S2 60 min	kW	2x 9	2x 9
	6.2	Lift motor rating at S3 15%	kW	17	17
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 536 A	43 536 A
	6.4	Battery voltage/rated capacity (5h)	(V)/(Ah) o. kWh	80/575	80/575
	6.4.a	Battery energy content	kWh	36.8	36.8
	6.5	Battery weight (±5%)	kg	1458	1458
	6.6	Energy consumption according to DIN EN 16796	kWh/h	5.9	6
	10.1	Operating pressure for attachments	bar	185	210
Others	10.2	Oil flow for attachments	l/min	32	32
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	70	70
	11.2	Static stability		1.69	1.53

1) Figures with battery, see line 6.4/6.5.

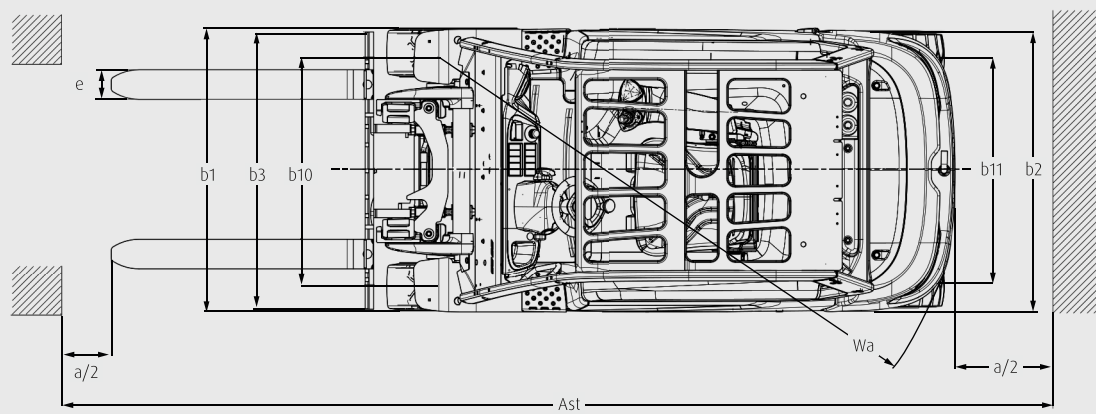
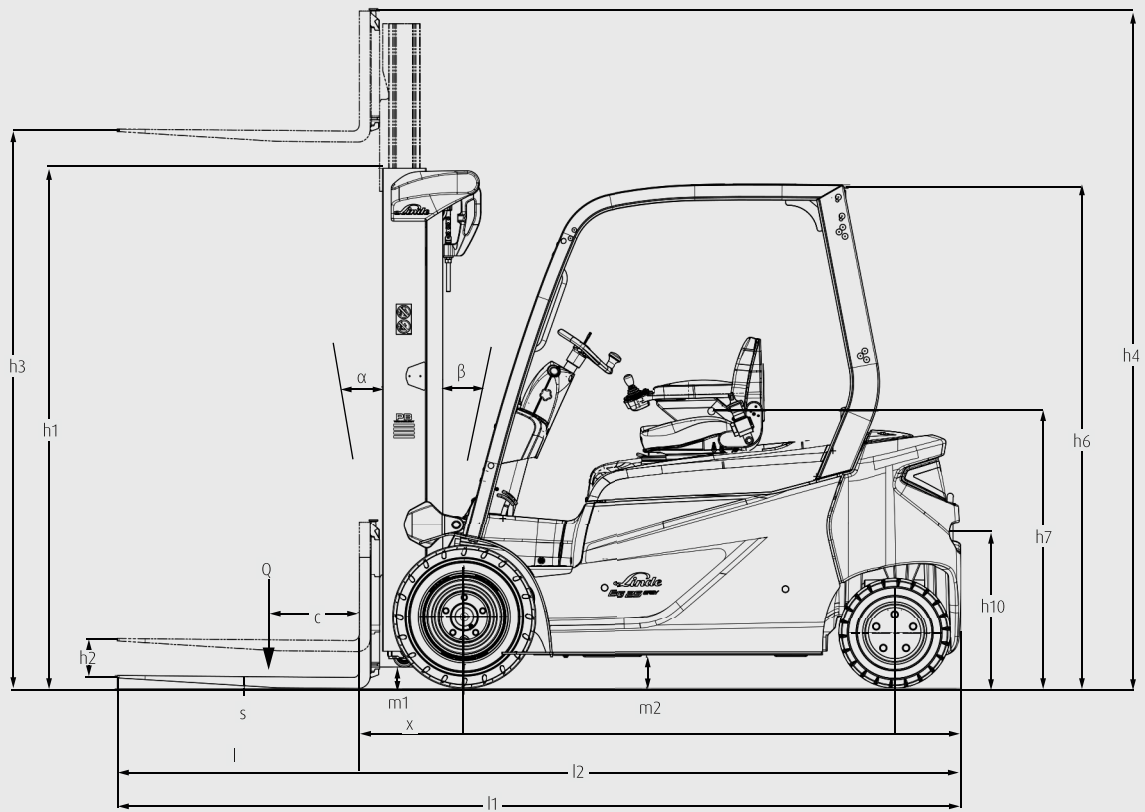
2) Including a 200 mm (min.) operating aisle clearance.

TECHNICAL DATA (According to VDI 2198)

Characteristics	1.1	Manufacturer		Linde MH	Linde MH	Linde MH
	1.2	Manufacturer's type designation		EG25 H	EG30 H	EG35 H
	1.2a	Series		1276-02	1276-02	1276-02
	1.3	Power unit		Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	2.5	3.0	3.5
	1.6	Load centre distance	c (mm)	500	500	500
	1.8	Axle centre to fork face	x (mm)	447	450	455
	1.9	Wheelbase	y (mm)	1780	1780	1780
Weights	2.1	Service weight	kg	5092 ¹⁾	5310 ¹⁾	5673 ¹⁾
	2.2	Axle load with load, front/rear	kg	6379/1213	7175/1135	8016/1157
	2.3	Axle load without load, front/rear	kg	2549/2543 ¹⁾	2574/2736 ¹⁾	2638/3035 ¹⁾
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE
	3.2	Tyre size, front		225/75-10 (23x9-10)	250/60-12 (23x10-12)	315/45-12
	3.3	Tyre size, rear		200/50-10	200/50-10	200/50-10
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	950	980	1,030
	3.7	Track width, rear	b11 (mm)	932	932	932
Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/7.5	5.0/7.5	5.0/7.5
	4.2	Height of mast, lowered	h1 (mm)	2241	2241	2241
	4.3	Free lift	h2 (mm)	150	150	150
	4.4	Lift	h3 (mm)	3195	3195	3195
	4.5	Height of mast, extended	h4 (mm)	3978	3981	3981
	4.7	Height of overhead guard (cabin)	h6 (mm)	2242	2242	2242
	4.8	Seat height relating to SIP/stand height	h7 (mm)	1291	1291	1291
	4.12	Towing coupling height	h10 (mm)	674	674	674
	4.19	Overall length	l1 (mm)	3500	3503	3508
	4.20	Length to fork face	l2 (mm)	2500	2503	2508
	4.21	Overall width	b1/b2 (mm)	1175	1228	1325
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	45 × 100 × 1000	45 × 100 × v 1000	50 × 120 × 1000
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	3A	3A
	4.24	Width of fork carriage	b3 (mm)	1150	1150	1150
	4.31	Ground clearance, below mast	m1 (mm)	138	137	137
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	122	122	122
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3902 ²⁾	3905 ²⁾	3910 ²⁾
	4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	4102 ²⁾	4105 ²⁾	4110 ²⁾
Performance	4.35	Turning radius	Wa (mm)	2255	2255	2255
	4.36	Minimum pivoting point distance	b13 (mm)	636	636	636
	5.1	Travel speed, with/without load	km/h	20/20	20/20	20/20
	5.1.1	Travel speed, with/without load, backwards	km/h	20/20	20/20	20/20
	5.2	Lifting speed, with/without load	m/s	0.44/0.51	0.42/0.51	0.39/0.51
	5.3	Lowering speed, with/without load	m/s	0.56/0.56	0.56/0.56	0.56/0.56
	5.5	Tractive force, with/without load	N	6650/7300	6200/6500	5500/5900
	5.6	Maximum tractive force, with/without load	N	14800/14800	14800/14800	15200/15200
	5.7	Climbing ability, with/without load	%	9.0/15.0	8.0/13.0	6.0/11.0
	5.8	Maximum climbing ability, with/without load	%	20.0/29.0	18.0/28.0	17.0/27.0
Drive	5.9	Acceleration time, with/without load	s	6.3/6.1	6.2/5.9	6.3/6.1
	5.10	Service brake		electric/mechanical	electric/mechanical	electric/mechanical
	6.1	Drive motor rating S2 60 min	kW	2x 9	2x 9	2x 9
	6.2	Lift motor rating at S3 15%	kW	17	17	17
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 536 A	43 536 A	43 536 A
	6.4	Battery voltage/rated capacity (5h)	(V)/(Ah) o. kWh	80/700	80/700	80/700
	6.4.a	Battery energy content	kWh	44.8	44.8	44.8
	6.5	Battery weight (±5%)	kg	1863	1863	1863
Others	6.6	Energy consumption according to DIN EN 16796	kWh/h	6.1	6.6	7
	10.1	Operating pressure for attachments	bar	185	210	230
	10.2	Oil flow for attachments	l/min	32	32	32
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	70	70	70
	11.2	Static stability		1.91	1.71	1.62

1) Figures with battery, see line 6.4/6.5.

2) Including a 200 mm (min.) operating aisle clearance.



MAST TABLES

STANDARD MAST (in mm)

Series	1512											
Lift	h3: 2995			h3: 3195			h3: 3295			h3: 3495		
Height measurements	h1: 2179 h3: 2995	h2: 150 h4: 3781		h1: 2297 h3: 3195	h2: 150 h4: 3981		h1: 2347 h3: 3295	h2: 150 h4: 4081		h1: 2447 h3: 3495	h2: 150 h4: 4281	
Model												
EG25	○			○			○			○		
EG30	○			○			○			○		
EG25 H	○			○			○			○		
EG30 H	○			○			○			○		
EG35 H	○			○			○			○		

Series	1512					
Lift	h3: 4095		h3: 4495		h3: 4995	
Height measurements	h1: 2747 h3: 4095	h2: 150 h4: 4881	h1: 2947 h3: 4495	h2: 150 h4: 5281	h1: 3197 h3: 4995	h2: 150 h4: 5781
Model						
EG25	○		○		○	
EG30	○		○		○	
EG25 H	○		○		○	
EG30 H	○		○		○	
EG35 H	○		○		○	

DUPLEX MAST (in mm)

Series	1512									
Lift	h3: 2965		h3: 3265		h3: 3765		h3: 4065		h3: 4565	
Height measurements	h1: 2102 h3: 2965	h2: 1293 h4: 3750	h1: 2252 h3: 3265	h2: 1443 h4: 4050	h1: 2502 h3: 3765	h2: 1693 h4: 4550	h1: 2652 h3: 4065	h2: 1843 h4: 4850	h1: 2902 h3: 4565	h2: 2093 h4: 5350
Model										
EG25	○		○		○		○		○	
EG30	○		○		○		○		○	
EG25 H	○		○		○		○		○	
EG30 H	○		○		○		○		○	
EG35 H	○		○		○		○		○	

TRIPLEX MAST (in mm)

Series	1512											
Lift	h3: 4380			h3: 4680			h3: 4830			h3: 4980		
Height measurements	h1: 2102 h3: 4380	h2: 1293 h4: 5143		h1: 2202 h3: 4680	h2: 1393 h4: 5443		h1: 2252 h3: 4830	h2: 1443 h4: 5593		h1: 2302 h3: 4980	h2: 1493 h4: 5743	
Model												
EG25	○			○			○			○		
EG30	○			○			○			○		
EG25 H	○			○			○			○		
EG30 H	○			○			○			○		
EG35 H	○			○			○			○		

Series	1512					
Lift	h3: 5930		h3: 6430		h3: 6580	
Height measurements	h1: 2652 h3: 5930	h2: 1843 h4: 6693	h1: 2852 h3: 6430	h2: 2043 h4: 7193	h1: 2902 h3: 6580	h2: 2093 h4: 7343
Model						
EG25	○		○		○	
EG30	○		○		○	
EG25 H	○		○		○	
EG30 H	○		○		○	
EG35 H	○		○		○	

○ Optional equipment

h1: Height of mast, lowered

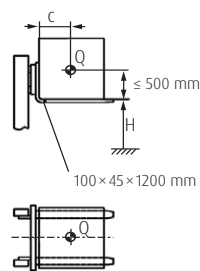
h2: Free lift

h3: Lift

h4: Height of mast, extended

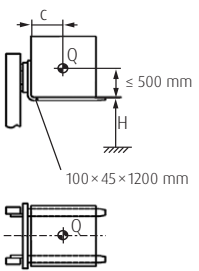
LOAD CAPACITY

EG25



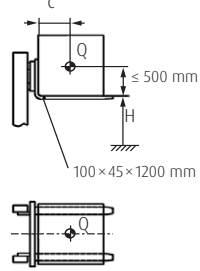
H (mm)	Q (kg)			
6000	1870	1690	1540	1420
5900	1940	1760	1600	1470
5800	2020	1830	1670	1530
5700	2100	1900	1730	1590
5600	2180	1970	1800	1650
5500	2260	2040	1860	1710
5400	2340	2110	1930	1770
5300	2420	2180	1990	1830
≤ 5200	2500	2260	2060	1890
c (mm)	400 - 500	600	700	800

EG25 H



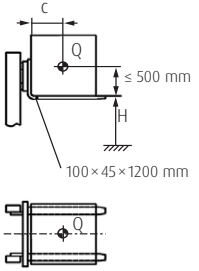
H (mm)	Q (kg)			
6000	1870	1690	1540	1420
5900	1940	1760	1600	1470
5800	2020	1830	1670	1530
5700	2100	1900	1730	1590
5600	2180	1970	1800	1650
5500	2260	2040	1860	1710
5400	2340	2110	1930	1770
5300	2420	2180	1990	1830
≤ 5200	2500	2260	2060	1890
c (mm)	400 - 500	600	700	800

EG30



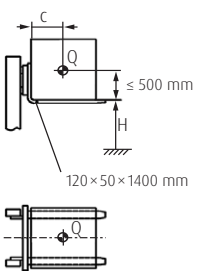
H (mm)	Q (kg)			
6000	2460	2220	2030	1860
5900	2520	2280	2080	1920
5800	2590	2340	2140	1970
5700	2660	2400	2190	2020
5600	2730	2470	2250	20700
5500	2790	2530	2310	2120
5400	2860	2590	2360	2170
5300	2930	2650	2420	2220
≤ 5200	3000	2710	2470	2280
c (mm)	400 - 500	600	700	800

EG30 H



H (mm)	Q (kg)			
6000	2460	2220	2030	1860
5900	2520	2280	2080	1920
5800	2590	2340	2140	1970
5700	2660	2400	2190	2020
5600	2730	2470	2250	20700
5500	2790	2530	2310	2120
5400	2860	2590	2360	2170
5300	2930	2650	2420	2220
≤ 5200	3000	2710	2470	2280
c (mm)	400 - 500	600	700	800

EG35 H



H (mm)	Q (kg)			
6000	2880	2600	2380	2190
5900	2960	2680	2450	2250
5800	3050	2760	2520	2320
5700	3140	2840	2600	2390
5600	3230	2920	2670	2460
5500	3320	3000	2740	2520
5400	3410	3080	2820	2590
≤ 5300	3500	3160	2890	2660
c (mm)	400 - 500	600	700	800

H = Lifting height, c = Load centre, Q = Load capacity
Load capacity for standard mast and fork carriage

STANDARD AND OPTIONAL EQUIPMENT

Model/Equipment		EG25 - EG35
Safety	Linde Curve Assist - Automatic driving speed reduction when cornering	●
	Electrical seatbelt monitoring - Visual and acoustic feedback	●
	BlueSpot - Optical warning signal for pedestrians and drivers	○
	Speed limitations	○
	Flashing beacon	○
	Truck lighting: VertiLight	○
Digitalisation	Data transmission online	○
	Data transmission Wifi	○
	Linde connect:desk - Local fleet management with different functional modules	○
	Access control via PIN or RFID	○
	Usage analysis	○
	Crash detection	○
Operation/ Load Handling	Twin pedal control - Stepless acceleration and fast reversing	●
	Single pedal control - Stepless acceleration	○
	Linde Load Control - Central levers fully integrated in the armrest for precise control of all hydraulic functions	●
	Individual lever system	○
Workplace	Ergonomic and safe truck access thanks to low entry step and grab handle bar on A-pillar	●
	Adjustable steering column tilt	●
	Operator's seat - Mechanical quick weight adjustment with electronic seatbelt monitoring	●
	3.5" multi-functional display	●
	Additional seat options with heating and air suspension	○
	All-weather cab with steel doors	○
	Full cabin heating system	○
	Mirrors	○
Mast	Low-mounted tilting cylinders	●
	Tilt-angle sensor for smooth mast stop	○
Attach- ment/ Forks	Reinforced Linde forks - easily adjustable and long-lasting	○
	Integrated sideshift with full lift capacity, roller-guided	○
	Integrated fork positioner	○
Axles and Tyres	Linde Pendulum Axle	●
	Super Elastic (SE) tyres	●
	Antistatic, non-marking tyres	○
Drive and Brake System	Twin-motor front wheel drive	●
	Maintenance-free AC motors	●
	Power settings: efficiency, economy, performance	●
	Oil-immersed, multi-disc brakes acting on both front wheels	●
	Automatic parking brake	○

● Standard equipment ○ Optional equipment

CHARACTERISTICS



Driver's workplace

Ergonomics

- Spacious operator's cab and ergonomic seat ensure fatigue-free working
- Optimum view of both the load and the surroundings
- Linde Load Control ensures safe and accurate load handling with maximum efficiency
- Adjustable steering column and various storage compartments



Linde Pendulum Axle

Handling

- The twin-motor front-wheel drive ensures maximum traction
- Compact design facilitates manoeuvrability in confined areas
- Choice of lead-acid or lithium-ion battery
- Wireless access to driver data allows data analysis and connection to logistics, safety and fleet management systems



Clear mast view

Safety

- Chassis, A-pillar and mast provide the driver with optimum visibility of the load and surroundings
- The truck's low centre of gravity increases operator's safety while driving
- Linde Curve Assist reduces speed according to the steering angle when cornering
- Optional automatic parking brake



Easy service access

Service

- Easy access to main components
- Driver display shows all important truck information to the driver
- Easy and quick access to battery thanks to 180°-opening battery door and battery hood
- Longer service interval for hydraulic oil and hydraulic oil filter change of 3000 h or 3 years

Subject to modification in the interest of progress. Illustrations and technical details may include options and are not binding for actual constructions. All dimensions subject to usual tolerances.

Presented by:



Linde Material Handling GmbH
Carl-von-Linde-Platz | 63743 Aschaffenburg | Germany
Phone + 49 6021 99 0 | Fax + 49 6021 99 1570
www.linde-mh.com | info@linde-mh.com

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