



Electric Counterbalance Truck

E25 – E35 EX

Capacity 2.5 – 3.5 t | Series 1252-25

High-Performance Indoor Specialist

- The twin-motor front-wheel drive together with combi steering axle facilitates maneuverability
- Optimally suited for indoor use thanks to excellent maneuverability and compact design
- Available with lead-acid battery for all ATEX zones
- Optimally prepared for embedding within digital logistic processes thanks to data transmission unit fitted as standard

TECHNICAL DATA (According to VDI 2198)

			LI NDE	LI NDE	LI NDE	LI NDE	LI NDE	
			E25 Ex 2G/2D	E30 Ex 2G/2D	E25 L Ex 2G/2D	E30 L Ex 2G/2D	E35 L Ex 2G/2D	
Characteristics	1.1	Manufacturer		LI NDE	LI NDE	LI NDE	LI NDE	LI NDE
	1.2	Manufacturer's type designation		E25 Ex 2G/2D	E30 Ex 2G/2D	E25 L Ex 2G/2D	E30 L Ex 2G/2D	E35 L Ex 2G/2D
	1.2 a	Series		1252-25	1252-25	1252-25	1252-25	1252-25
	1.3	Power unit		Battery	Battery	Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	2.5	3.0	2.5	3.0	3.5
	1.6	Load centre distance	c (mm)	500	500	500	500	500
	1.8	Axle centre to fork face	x (mm)	420.4	420.4	448.5	448.5	453.5
	1.9	Wheelbase	y (mm)	1652	1797	1722	1817	1867
Weights	2.1	Service weight	kg	4719 ^{1) 5)}	5283 ^{1) 5)}	4757 ^{1) 5)}	5214 ^{1) 5)}	5736 ^{1) 5)}
	2.2	Axle load with load, front/rear	kg	6161/1058 ³⁾	7038/1245 ⁵⁾	6286/971 ³⁾	7141/1073 ⁵⁾	8015/1221 ⁵⁾
	2.3	Axle load without load, front/rear	kg	2268/2451 ^{1) 5)}	2501/2782 ^{1) 5)}	2409/2348 ^{1) 5)}	2575/2639 ^{1) 5)}	2728/3008 ^{1) 5)}
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE	SE	SE
	3.2	Tyre size, front		225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	315/45-12 ²⁾
	3.3	Tyre size, rear		200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	972	972	972	972	1048
	3.7	Track width, rear	b11 (mm)	900	900	884	884	884
Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0
	4.2	Height of mast, lowered	h1 (mm)	2181	2181	2172	2172	2172
	4.3	Free lift	h2 (mm)	150	150	150	150	150
	4.4	Lift	h3 (mm)	3030	3030	2995	2995	2995
	4.5	Height of mast, extended	h4 (mm)	3694	3694	3754	3754	3754
	4.7	Height of overhead guard (cabin)	h6 (mm)	2165	2165	2165	2165	2165
	4.8	Seat height relating to SIP/stand height	h7 (mm)	1102	1102	1102	1102	1102
	4.12	Towing coupling height	h10 (mm)	609	608	606	606	604
	4.19	Overall length	l1 (mm)	3324 ³⁾	3465 ⁵⁾	3445 ⁵⁾	3540 ⁵⁾	3595 ⁵⁾
	4.20	Length to fork face	l2 (mm)	2320	2461	2441	2536	2591
	4.21	Overall width	b1/b2 (mm)	1179/1160	1179/1160	1179/1160	1179/1160	1346/1160
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	58 × 128 × 1004 ^{3) 5)}
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	2A	3A	3A	3A
	4.24	Width of fork carriage	b3 (mm)	1150	1150	1150	1150	1150
	4.31	Ground clearance, below mast	m1 (mm)	120	120	120	117	120
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120	120	120
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3642 ⁴⁾	3783 ⁴⁾	3760 ⁴⁾	3855 ⁴⁾	3909 ⁴⁾	
4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3769 ⁴⁾	3910 ⁴⁾	3888 ⁴⁾	3983 ⁴⁾	4038 ⁴⁾	
4.35	Turning radius	Wa (mm)	1900	2041	1992	2087	2137	
4.36	Minimum pivoting point distance	b13 (mm)	0	0	0	0	0	
Performance	5.1	Travel speed, with/without load	km/h	20/20	20/20	20/20	20/20	20/20
	5.2	Lifting speed, with/without load	m/s	0.52/0.64	0.52/0.64	0.4/0.54	0.4/0.54	0.39/0.54
	5.3	Lowering speed, with/without load	m/s	0.57/0.57	0.57/0.57	0.58/0.57	0.58/0.57	0.58/0.57
	5.5	Tractive force, with/without load	N	6700/6700	6700/6700	6700/6700	6700/6700	6700/6700
	5.6	Maximum tractive force, with/without load	N	18000/18000	18000/18000	18000/18000	18000/18000	18000/18000
	5.7	Climbing ability, with/without load	%	18.1/30.1	18.0/29.8	17.6/26.3	17.6/26.7	17.6/23.6
	5.8	Maximum climbing ability, with/without load	%	23.7/39.9	23.6/39.4	20.2/34.6	20.4/35.2	17.6/31.0
	5.9	Acceleration time, with/without load	s	5.1/4.4	5.1/4.4	5.4/4.6	5.4/4.5	5.6/4.7
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.
	Drive	6.1	Drive motor rating S2 60 min	kW	2x 11	2x 11	2x 11	2x 11
6.2		Lift motor rating at S3 15 %	kW	17	17	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	43 536 A	43 536 A
6.4		Battery voltage/rated capacity (5 h)	(V)/(Ah) o. kWh	80/460	80/575	80/460	80/575	80/575
6.4.a		Battery energy content	kWh	29.44	36.8	29.44	36.8	36.8
6.5		Battery weight (±5 %)	kg	1158	1442	1158	1442	1442
6.6		Energy consumption according to DIN EN 16796	kWh/h	6.3	6.3	7	7	7.3
6.6.1		CO2 equivalent according to EN 16796	kg/h	3.4	3.4	3.8	3.8	3.9
6.7		Turnover output according to VDI 2198	t/h	190.0	190.0	225.0	225.0	261.0
6.8	Turnover efficiency according to VDI 2198	t/kWh	21.4	21.4	23.2	23.3	26.8	
8.1	Type of drive unit		Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	
Others	10.1	Operating pressure for attachments	bar	230	200	225	225	245
	10.2	Oil flow for attachments	l/min	50	50	50	50	50
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	<65	<65	<65	<65	<65
	10.8	Towing coupling, design/type, DIN 15 170		similar to form H	similar to form H	similar to form H	similar to form H	similar to form H
	11.2	Static stability		1.76	1.81	1.71	1.69	1.68

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

2) Antistatic EX

3) Take dimensions into account when selecting load carriers

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

5) These values differ from the values of a standard vehicle due to the Ex-version

TECHNICAL DATA (According to VDI 2198)

			1.1	1.2	1.2 a	1.3	1.4	1.5	1.6	1.8	1.9
			Manufacturer	Manufacturer's type designation	Series	Power unit	Operation	Load capacity/Load	Load centre distance	Axle centre to fork face	Wheelbase
Characteristics			LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE
			E25 Ex 3G/3D	E30 Ex 3G/3D	E25 L Ex 3G/3D	E30 L Ex 3G/3D	E35 L Ex 3G/3D	E35 L Ex 3G/3D	E35 L Ex 3G/3D	E35 L Ex 3G/3D	E35 L Ex 3G/3D
Weights	2.1	Service weight	kg	4599 ^{1) 5)}	5163 ^{1) 5)}	4637 ^{1) 5)}	5094 ^{1) 5)}	5616 ^{1) 5)}			
	2.2	Axle load with load, front/rear	kg	6156/943 ⁵⁾	7148/1015 ⁵⁾	6184/953 ⁵⁾	7136/958 ⁵⁾	8010/1106 ⁵⁾			
	2.3	Axle load without load, front/rear	kg	2263/2336 ^{1) 5)}	2496/2667 ^{1) 5)}	2404/2233 ^{1) 5)}	2570/2524 ^{1) 5)}	2723/2893 ^{1) 5)}			
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE	SE	SE			
	3.2	Tyre size, front		225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	225/75-10 (23 × 9-10) ²⁾	315/45-12 ²⁾			
	3.3	Tyre size, rear		200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾	200/50-10 ²⁾			
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2	2x/2	2x/2			
Dimensions	3.6	Track width, front	b10 (mm)	972	972	972	972	1048			
	3.7	Track width, rear	b11 (mm)	900	884	900	884	884			
	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0			
	4.2	Height of mast, lowered	h1 (mm)	2181	2172	2181	2172	2172			
	4.3	Free lift	h2 (mm)	150	150	150	150	150			
	4.4	Lift	h3 (mm)	3030	2995	3030	2995	2995			
	4.5	Height of mast, extended	h4 (mm)	3694	3754	3694	3754	3754			
	4.7	Height of overhead guard (cabin)	h6 (mm)	2165	2165	2165	2165	2165			
	4.8	Seat height relating to SIP/stand height	h7 (mm)	1102	1102	1102	1102	1102			
	4.12	Towing coupling height	h10 (mm)	609	606	608	606	604			
	4.19	Overall length	l1 (mm)	3324 ⁵⁾	3445 ⁵⁾	3465 ⁵⁾	3540 ⁵⁾	3595 ⁵⁾			
	4.20	Length to fork face	l2 (mm)	2320	2441	2461	2536	2591			
	4.21	Overall width	b1/b2 (mm)	1179/1160	1179/1160	1179/1160	1179/1160	1346/1160			
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	53 × 108 × 1004 ^{3) 5)}	58 × 128 × 1004 ^{3) 5)}			
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	3A	2A	3A	3A			
	4.24	Width of fork carriage	b3 (mm)	1150	1150	1150	1150	1150			
	4.31	Ground clearance, below mast	m1 (mm)	120	120	120	117	120			
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120	120	120			
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3642 ⁴⁾	3760 ⁴⁾	3783 ⁴⁾	3855 ⁴⁾	3909 ⁴⁾			
	4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3769 ⁴⁾	3888 ⁴⁾	3910 ⁴⁾	3983 ⁴⁾	4038 ⁴⁾			
4.35	Turning radius	Wa (mm)	1900	1992	2041	2087	2137				
4.36	Minimum pivoting point distance	b13 (mm)	0	0	0	0	0				
Performance	5.1	Travel speed, with/without load	km/h	20/20	20/20	20/20	20/20	20/20			
	5.2	Lifting speed, with/without load	m/s	0.52/0.64	0.4/0.54	0.52/0.64	0.4/0.54	0.39/0.54			
	5.3	Lowering speed, with/without load	m/s	0.57/0.57	0.58/0.57	0.57/0.57	0.58/0.57	0.58/0.57			
	5.5	Tractive force, with/without load	N	6700/6700	6700/6700	6700/6700	6700/6700	6700/6700			
	5.6	Maximum tractive force, with/without load	N	18000/18000	18000/18000	18000/18000	18000/18000	18000/18000			
	5.7	Climbing ability, with/without load	%	18.1/30.1	17.6/26.3	18.0/29.8	17.6/26.7	17.6/23.6			
	5.8	Maximum climbing ability, with/without load	%	23.7/39.9	20.2/34.6	23.6/39.4	20.4/35.2	17.6/31.0			
	5.9	Acceleration time, with/without load	s	5.1/4.4	5.4/4.6	5.1/4.4	5.4/4.5	5.6/4.7			
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.			
	Drive	6.1	Drive motor rating S2 60 min	kW	2x 11	2x 11	2x 11	2x 11	2x 11		
6.2		Lift motor rating at S3 15 %	kW	17	17	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	43 536 A	43 536 A			
6.4		Battery voltage/ rated capacity (5 h)	(V)/(Ah) o. kWh	80/460/500	80/460/500	80/575/625	80/575/625	80/575/625			
6.4.a		Battery energy content	kWh	32	32	40	40	40			
6.5		Battery weight (±5 %)	kg	1210	1210	1458	1458	1458			
6.6		Energy consumption according to DIN EN 16796	kWh/h	6.3	7	6.3	7	7.3			
6.6.1		CO2 equivalent according to EN 16796	kg/h	3.4	3.8	3.4	3.8	3.9			
6.7		Turnover output according to VDI 2198	t/h	190.0	225.0	190.0	225.0	261.0			
6.8		Turnover efficiency according to VDI 2198	t/kWh	21.4	23.2	21.4	23.3	26.8			
Others	8.1	Type of drive unit		Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless			
	10.1	Operating pressure for attachments	bar	230	225	200	225	245			
	10.2	Oil flow for attachments	l/min	50	50	50	50	50			
	10.7	Sound pressure level LpAZ (at the driver's seat)	dB(A)	<65	<65	<65	<65	<65			
	10.8	Towing coupling, design/type, DIN 15 170		similar to form H	similar to form H	similar to form H	similar to form H	similar to form H			
11.2	Static stability		1.68	1.61	1.74	1.61	1.62				

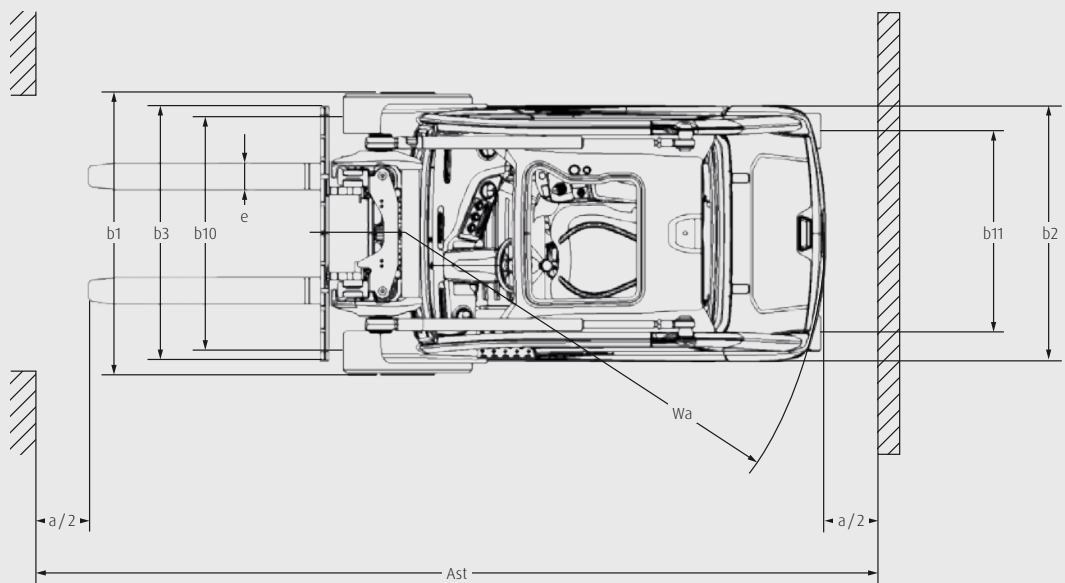
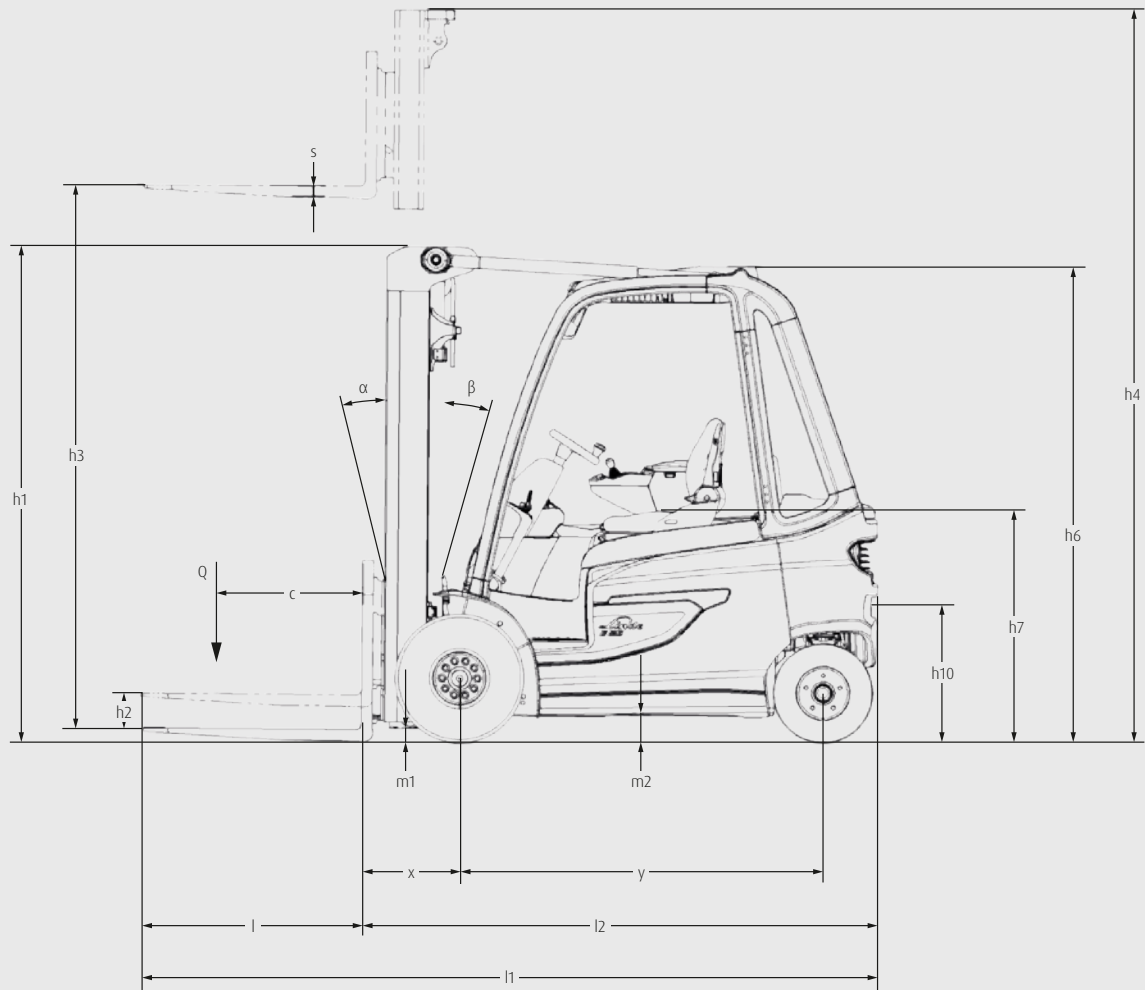
1) Figures with battery, see line 6.4/6.5.

2) Antistatic EX

3) Take dimensions into account when selecting load carriers

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

5) These values differ from the values of a standard vehicle due to the Ex-version



MAST TABLES

STANDARD MAST (in mm)

Series	1532							
Lift	h3: 3030	h3: 3130	h3: 3230	h3: 3430	h3: 3730	h3: 4030	h3: 4530	
Height measurements	h1: 2190 h2: 150 h4: 3695	h1: 2240 h2: 150 h4: 3795	h1: 2290 h2: 150 h4: 3895	h1: 2390 h2: 150 h4: 4095	h1: 2540 h2: 150 h4: 4395	h1: 2690 h2: 150 h4: 4695	h1: 2940 h2: 150 h4: 5195	
Model								
E25 EX/E25 L EX	○	○	○	○	○	○	○	

Series	1533							
Lift	h3: 3095	h3: 3295	h3: 3395	h3: 3695	h3: 3995	h3: 4195	h3: 4495	
Height measurements	h1: 2225 h2: 150 h4: 3856	h1: 2325 h2: 150 h4: 4056	h1: 2375 h2: 150 h4: 4156	h1: 2525 h2: 150 h4: 4456	h1: 2675 h2: 150 h4: 4756	h1: 2775 h2: 150 h4: 4956	h1: 2925 h2: 150 h4: 5256	
Model								
E30 EX/E30 L EX	○	○	○	○	○	○	○	
E35 L EX	○	○	○	○	○	○	○	

DUPLEX MAST (in mm)

Series	1532				1533			
Lift	h3: 3100	h3: 3300	h3: 3400	h3: 3165	h3: 3265	h3: 3365	h3: 3465	h3: 3765
Height measurements	h1: 2140 h2: 1445 h4: 3787	h1: 2240 h2: 1545 h4: 3987	h1: 2290 h2: 1595 h4: 4087	h1: 2180 h2: 1395 h4: 3951	h1: 2230 h2: 1445 h4: 4051	h1: 2280 h2: 1495 h4: 4151	h1: 2330 h2: 1545 h4: 4251	h1: 2480 h2: 1695 h4: 4551
Model								
E25 EX/E25 L EX	○	○	○	–	–	–	–	–
E30 EX/E30 L EX	–	–	–	○	○	○	○	○
E35 L EX	–	–	–	○	○	○	○	○

TRIPLEX MAST (in mm)

Series	1532					
Lift	h3: 4610	h3: 4760	h3: 4910	h3: 5060	h3: 5560	h3: 6510
Height measurements	h1: 2135 h2: 1445 h4: 5295	h1: 2185 h2: 1495 h4: 5445	h1: 2235 h2: 1545 h4: 5595	h1: 2285 h2: 1595 h4: 5745	h1: 2485 h2: 1795 h4: 6245	h1: 2835 h2: 2145 h4: 7195
Model						
E25 EX/E25 L EX	○	○	○	○	○	○

Series	1533							
Lift	h3: 4680	h3: 4830	h3: 4980	h3: 5130	h3: 5330	h3: 5480	h3: 5930	h3: 6580
Height measurements	h1: 2180 h2: 1395 h4: 5473	h1: 2230 h2: 1445 h4: 5623	h1: 2280 h2: 1495 h4: 5773	h1: 2330 h2: 1545 h4: 5923	h1: 2430 h2: 1645 h4: 6123	h1: 2480 h2: 1695 h4: 6273	h1: 2630 h2: 1845 h4: 6723	h1: 2880 h2: 2095 h4: 7373
Model								
E30 EX/E30 L EX	○	○	○	○	○	○	○	○
E35 L EX	○	○	○	○	○	○	○	○

○ Optional equipment
h1: Height of mast, lowered

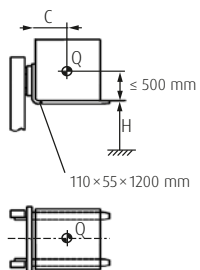
– Not available
h2: Free lift

h3: Lift

h4: Height of mast, extended

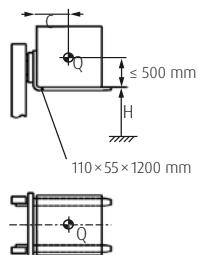
LOAD CAPACITY

E25 / E25 L



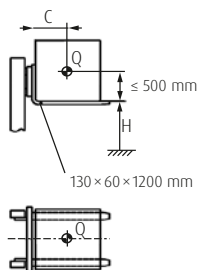
H (mm)	Q (kg)			
7000	1400	1260	1150	1050
6800	1540	1390	1270	1160
6600	1690	1520	1390	1270
6400	1840	1650	1510	1380
6200	1980	1790	1630	1490
6100	2060	1850	1690	1550
6000	2130	1920	1750	1600
5900	2200	1990	1810	1660
5800	2280	2050	1870	1710
5700	2350	2120	1930	1770
5600	2420	2180	1990	1820
≤ 5500	2500	2250	2050	1880
c (mm)	400 - 500	600	700	800

E30 / E30 L



H (mm)	Q (kg)			
7000	1700	1530	1400	1290
6800	1900	1710	1560	1440
6600	2100	1890	1730	1590
6500	2200	1990	1810	1670
6400	2300	2080	1890	1740
6300	2400	2170	1980	1820
6200	2500	2260	2060	1890
6100	2600	2350	2140	1970
6000	2700	2440	2230	2050
5900	2800	2530	2310	2120
5800	2900	2620	2390	2200
≤ 5900	3000	2710	2470	2270
c (mm)	400 - 500	600	700	800

E35 L



H (mm)	Q (kg)			
7000	2300	2080	1900	1740
6900	2420	2190	2000	1840
6800	2540	2290	2090	1930
6700	2660	2400	2190	2020
6600	2780	2510	2290	2110
6500	2900	2620	2390	2200
6400	3020	2730	2490	2290
6300	3140	2840	2590	2380
6200	3260	2950	2690	2480
6100	3380	3050	2790	2570
≤ 6000	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		E25 - E35 L EX 2G/2D	E25 - E35 L EX 3G/3D
Safety	ATEX protection package Zone 1 / Zone 21	○	—
	ATEX protection package Zone 2 / Zone 22	—	○
	Constant monitoring of ATEX relevant safety values	●	●
	Linde Curve Assist – automatic drive speed reduction when cornering	●	●
	Linde Load Assist – increased safety at high lift heights	●	●
	Linde Safety Pilot – load-dependent travel and lifting speed intervention plus additional functions	—	○
	Load weight indicator	○	○
	Electrical seat belt monitoring – Visual and acoustic feedback	●	●
	Restraint systems (different options)	○	○
	Linde BlueSpot™ - optical warning signal for pedestrians and drivers	○	○
	Red Warning Lines	○	○
	Lighting: LED Stripes	—	○
	Lighting: VertiLight	—	○
	Electric horn	●	●
	Limitation of traction speed forward	○	○
Speed limitation mast (via switch, load-dependent)	—	○	
Digitalisation	Condition Monitoring of ATEX relevant safety values via Linde EX-Monitoring App	●	●
	Data Transmission Online	●	●
	Linde connect: access control	○	○
	Linde connect: crash detection	○	○
	Linde connect.cloud – fleet management as a service (hosted version)	○	○
Operation/ Load Handling	Double pedal control – stepless acceleration and fast reversing	●	●
	Single pedal control – stepless acceleration	○	○
	Linde Load Control – central levers fully integrated in the armrest, precise control of all hydraulic functions	●	●
	Individual Lever System	○	○
Workplace	Innovative decoupling concept with ring bearings for lowest human vibrations	●	●
	Ergonomic and safe truck access due to a low entry step and handle bar at a-pillar and bonnet	●	●
	Tilt adjustable steering column	●	●
	Overhead guard comfort for maximum head clearance	●	●
	Antistatic Fabric Operator's seat – mechanical quick weight adjustment and lordosis support	●	●
	Seat heating	—	○
	Fully integrated fan heater with pre-heat function	○	○
	Coloured 3.5" LED display with steering angle indicator, tilt angle indicator and remaining travel indicator	—	●
	Coloured 7" LED multifunction display integrates additional functions e.g. cameras and Linde Safety Pilot	●	○
	Additional display for ATEX relevant condition monitoring	●	●
	Electrical wipers for front, rear and top screen	○	○
	Top screen armored glass	○	○
Mast	Alloy doors with openable window and door monitoring	○	○
	Top mounted tilting cylinders – including maintenance free bearings	●	●
	Best visibility through asymmetric, nested mast profiles on standard, duplex, triplex mast	●	●
Attach- ment/ Forks	Electronically damped tilt stop	●	●
	Fork arms coated in stainless steel or brass	○	○
	Reinforced Linde forks – easily adjustable and long life time	○	○
	Integrated sideshift with full lift capacity and roller guided	○	○
Axles and Tyres	Integrated fork positioner "view" for high residual capacities and optimized visibility	○	○
	Linde combi-steering axle – excellent maneuverability in smallest areas	●	●
	Antistatic, Super Elastic (SE) tyres	●	●
Drive and Brake- System	Anti-spray mudflaps front	○	○
	Two motor front wheel drive	●	●
	Synchronous reluctance motor for lift and drive function	●	●
	Power setting efficiency, economy, performance	●	●
	Automatic parking brake	●	●
	Battery compartment 4 PzS 460/500 Ah or 5 PzS 575/625 Ah	●	●
Direct battery charging access via rear battery socket	—	○	

● Standard equipment ○ Optional equipment — Not available

CHARACTERISTICS



ATEX certified truck

Explosion protection

- Certification and documentation according to ATEX 2014/34/EU and applicable EU norms ensures legal compliance
- Certification of entire trucks for Zone 1 / 21 and not just the individual electrical assemblies ensures maximum level of safety
- Passive protection concept enables zone 2 / 22 trucks to operate in explosive atmospheres, no shut-down required
- Protection of electrical equipment and protection against mechanically generated sparks, unacceptably high temperatures and dangerous electrostatic charges



Fully integrated explosion protection measures

Handling

- Fully integrated explosion protection measures maintain optimum visibility and spaciousness of the driver's cab
- The twin-motor front-wheel drive together with combi steering axle provides exceptional maneuverability
- Overhead tilt cylinder and warp-resistant mast design ensure safe load handling
- Synchronous reluctance motor for lift and drive function increases power and energy efficiency
- Wireless access to driver data allows data analysis and connection to logistic, safety, and fleet management systems



Ex-Monitoring App for maximum uptime

Safety

- Constant monitoring of ATEX relevant safety values
- Truck access control by PIN code or RFID
- The truck's low center of gravity reduces the risk of tipping
- Linde Curve Assist reduces speed in relation to the steering angle when cornering
- Linde Load Assist reduces the risk of tipping accidents when moving loads at height
- Automatic parking brake inclusive hill-hold function



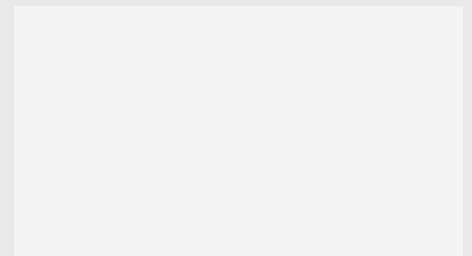
Quick diagnosis and easy service access

Service

- Truck Health Monitoring enables comprehensive fault monitoring and faster fault localization. Wear and damage is identified early thus increasing truck availability
- Linde Ex-Monitoring App for quick and efficient diagnosis of ATEX-relevant values
- Electric ATEX components fitted with certified plug connections allow for quick replacement, shortening downtime during repairs
- Firmware updates can be conducted remotely, in turn saving costs
- Central 24/7 provision of standard and ATEX spare parts
- Dense service network with certified technicians

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

Presented by:



Linde Material Handling

Linde

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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