



ELECTRIC COUNTERBALANCE TRUCK E12 – E20 EVO

CAPACITY 1200 - 2000 KG | SERIES 386

Safety

The protective overhead guard forms a strong and completely enclosed protective zone providing optimum structural integrity, safety and protection for the operator. The top mounted tilt cylinders provide seamless, smooth control of the tilt movements for excellent load stability in all operating conditions. This unique design also enables slimmer mast profiles to be fitted for outstanding visibility.

Performance

One would expect a high performance truck to have a high performance traction system and that is exactly what the Linde compact drive axle and lift system delivers. Powerful motors and intelligent electronic control form an impressive power pack to deliver the highest levels of productivity.

Comfort

Consistently high levels of performance and efficiency for extended periods are only possible if the operator feels comfortable. The ergonomic layout of all the controls, the adjustability of the armrest and seat, Linde Load Control and twin accelerator pedals provide the best possible intuitive interface between the truck and the operator.

Reliability

An electric fork lift truck depends on reliable electronic systems. The Linde electronic control system provides a high level of reliability because of its dual circuit monitoring system and the sealed aluminium housing which provides total protection for the electronics from the ingress of dust and moisture.

Productivity

Effective in operation, efficient in reducing costs: the unique Linde energy management system ensures intelligent and economical consumption of energy. Energy can also be obtained quickly utilising the optional built-in charging unit or one of the five simple and rapid battery changing methods. The result: more uptime and increased productivity.

TECHNICAL DATA

ACCORDING TO VDI 2198

				Linde	Linde	Linde
Characteristics	1.1	Manufacturer		Linde	Linde	Linde
	1.2	Model designation		E12	E14	E15
	1.3	Power unit		Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	1.2	1.4	1.5
	1.6	Load centre distance	c (mm)	500	500	500
	1.8	Axle centre to fork face	x (mm)	365	365	365
	1.9	Wheelbase	y (mm)	1156 ¹⁾	1301 ¹⁾	1301 ¹⁾
	Weights	2.1	Service weight	kg	2762 ²⁾	2959 ²⁾
2.2		Axle load with load, front/rear	kg	3459/503	3767/592	3912/531
2.3		Axle load without load, front/rear	kg	1361/1401 ²⁾	1436/1523 ²⁾	1415/1528 ²⁾
Wheels and tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE
	3.2	Tyre size, front		180/70 - 8 (18 × 7 - 8)	180/70 - 8 (18 × 7 - 8)	180/70 - 8 (18 × 7 - 8)
	3.3	Tyre size, rear		15 × 4 1/2 - 8	15 × 4 1/2 - 8	15 × 4 1/2 - 8
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	930	930	930
	3.7	Track width, rear	b11 (mm)	168	168	168
	Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/7.0	5.0/7.0
4.2		Height of mast, lowered	h1 (mm)	2019	2019	2019
4.3		Free Lift	h2 (mm)	150	150	150
4.4		Lift	h3 (mm)	2800	2800	2800
4.5		Height of mast, extended	h4 (mm)	3401	3401	3401
4.7		Height of overhead guard (cabin)	h6 (mm)	1970	1970	1970
4.8		Height of seat platform	h7 (mm)	908	908	908
4.12		Towing coupling height	h10 (mm)	510	510	510
4.19		Overall length	l1 (mm)	2601	2746	2746
4.20		Length to fork face	l2 (mm)	1701	1846	1846
4.21		Overall width	b1/b2 (mm)	1090/1050	1090/1050	1090/1050
4.22		Fork dimensions DIN ISO 2331	s/e/l (mm)	40 × 80 × 900	40 × 80 × 900	40 × 80 × 900
4.23		Fork carriage to ISO 2328, class/type A,B		2A	2A	2A
4.24		Width of fork carriage	b3 (mm)	980	980	980
4.31		Ground clearance, below mast	m1 (mm)	89	89	89
4.32		Ground clearance, center of wheelbase	m2 (mm)	96	96	96
4.34.1		Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3040 ³⁾	3177 ³⁾	3177 ³⁾
4.34.2		Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3164 ³⁾	3301 ³⁾	3301 ³⁾
4.35		Turning radius	Wa (mm)	1349	1486	1486
4.36		Minimum pivoting point distance	b13 (mm)	0	0	0
Performances	5.1	Travel speed, with/without load	km/h	12.5/13.5	16/16	12.5/13.5
	5.2	Lifting speed, with/without load	m/s	0.3/0.5	0.4/0.6	0.3/0.5
	5.3	Lowering speed, with/without load	m/s	0.58/0.47	0.58/0.47	0.58/0.47
	5.5	Tractive force, with/without load	N	2400/2400	2300/2300	2400/2400
	5.6	Maximum tractive force, with/without load	N	7500/7500	11000/11000	7500/7500
	5.7	Climbing ability, with/without load	%	7.7/11.4	7.3/11.0	7.1/10.9
	5.8	Maximum climbing ability, with/without load	%	19.4/28.3	27.1/42.1	17.3/26.5
	5.9	Acceleration time, with/without load	s	5.8/5.0	4.5/3.8	5.8/5.0
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.
	Drive	6.1	Drive motor hour rating	kW	2x 3.5	2x 4.6
6.2		Lift motor rating at S3 15 %	kW	5	10	5
6.3		Battery according to DIN 43535/36 A/B/C/no		43535 A	43531 A/[L-ION]	43535 A
6.4		Battery voltage/capacity (5 h)	V/Ah	24/575/625	48/460/500 [48/268] ⁴⁾	24/920/1000
6.4.a		Battery energy content	kWh	12	19.2 [13.07] ^{4) 5)}	19.2
6.5		Battery weight (± 5 %)	kg	445	708	676
6.6		Power consumption according to VDI cycle	kWh/h	3.9	4.4	3.9
Others	8.1	Type of drive unit		Digital/stepless	Digital/stepless	Digital/stepless
	10.1	Operating pressure for attachments	bar	170	180	190
	10.2	Oil flow for attachments	l/min	32	32	32
	10.7	Sound pressure level LpAZ (at the driver's seat)	db (A)	< 65	< 65	< 65
	11.1	Rated capacity up to lift height	mm	4050	4500	4800
	11.2	Static stability		1.56	1.64	1.53

¹⁾ Mast in vertical position

²⁾ Figures with battery, see line 6.4/6.5.

³⁾ Including a 200 mm (min.) operating aisle clearance.

⁴⁾ Figures in [] with Li-Ion battery see line 6.4

⁵⁾ Option 48 V 804 Ah/39.2 kWh

TECHNICAL DATA

ACCORDING TO VDI 2198

Characteristics	1.1	Manufacturer		Linde	Linde	Linde
	1.2	Model designation		E16	E16 C	E16 H
	1.3	Power unit		Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	1.6	1.6	1.6
	1.6	Load centre distance	c (mm)	500	500	500
	1.8	Axle centre to fork face	x (mm)	365	365	365
	1.9	Wheelbase	y (mm)	1409 ¹⁾	1301 ¹⁾	1461 ¹⁾
	Weights	2.1	Service weight	kg	3047 ²⁾	3062 ²⁾
2.2		Axle load with load, front/rear	kg	4097/550	4100/562	4203/725
2.3		Axle load without load, front/rear	kg	1515/1532 ²⁾	1436/1626 ²⁾	1656/1672 ²⁾
Wheels and tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE
	3.2	Tyre size, front		180/70 - 8 (18 × 7 - 8)	180/70 - 8 (18 × 7 - 8)	180/70 - 8 (18 × 7 - 8)
	3.3	Tyre size, rear		15 × 4 1/2 - 8	15 × 4 1/2 - 8	140/55 - 9
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	930	930	930
	3.7	Track width, rear	b11 (mm)	168	168	172
	Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/7.0	5.0/7.0
4.2		Height of mast, lowered	h1 (mm)	2019	2019	2194
4.3		Free Lift	h2 (mm)	150	150	150
4.4		Lift	h3 (mm)	2800	2800	3150
4.5		Height of mast, extended	h4 (mm)	3401	3401	3751
4.7		Height of overhead guard (cabin)	h6 (mm)	1970	1970	2130
4.8		Height of seat platform	h7 (mm)	908	908	1065
4.12		Towing coupling height	h10 (mm)	510	510	594
4.19		Overall length	l1 (mm)	2854	2766	2906
4.20		Length to fork face	l2 (mm)	1954	1866	2006
4.21		Overall width	b1/b2 (mm)	1090/1050	1090/1050	1090/1050
4.22		Fork dimensions DIN ISO 2331	s/e/l (mm)	40 × 80 × 900	40 × 80 × 900	40 × 80 × 900
4.23		Fork carriage to ISO 2328, class/type A,B		2A	2A	2A
4.24		Width of fork carriage	b3 (mm)	980	980	980
4.31		Ground clearance, below mast	m1 (mm)	82	89	97
4.32		Ground clearance, center of wheelbase	m2 (mm)	96	96	96
4.34.1		Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3281 ³⁾	3196 ³⁾	3332 ³⁾
4.34.2		Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3405 ³⁾	3320 ³⁾	3456 ³⁾
4.35		Turning radius	Wa (mm)	1590	1505	1641
4.36	Minimum pivoting point distance	b13 (mm)	0	0	0	
Performances	5.1	Travel speed, with/without load	km/h	16/16	16/16	16/16
	5.2	Lifting speed, with/without load	m/s	0.4/0.6	0.4/0.6	0.4/0.6
	5.3	Lowering speed, with/without load	m/s	0.6/0.55	0.58/0.47	0.58/0.47
	5.5	Tractive force, with/without load	N	2300/2300	2300/2300	2300/2300
	5.6	Maximum tractive force, with/without load	N	11000/11000	11000/11000	11000/11000
	5.7	Climbing ability, with/without load	%	6.8/10.4	6.7/10.3	6.6/9.9
	5.8	Maximum climbing ability, with/without load	%	24.8/39.4	24.6/38.9	23.3/35.6
	5.9	Acceleration time, with/without load	s	4.5/3.8	4.5/3.8	4.5/3.8
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.
	Drive	6.1	Drive motor hour rating	kW	2x 4.6	2x 4.6
6.2		Lift motor rating at S3 15 %	kW	10	10	10
6.3		Battery according to DIN 43535/36 A/B/C/no		43531 A/[Li-ION]	43531 A/[Li-ION]	43531 A
6.4		Battery voltage/capacity (5 h)	V/Ah	483/575/625 [48/335] ⁴⁾	48/460/500 [48/268] ⁴⁾	48/700/775
6.4.a		Battery energy content	kWh	24 [16.33] ^{4) 5)}	19.2 [13.07] ^{4) 5)}	29.76
6.5		Battery weight (± 5 %)	kg	856 [802]	708	1118
6.6		Power consumption according to VDI cycle	kWh/h	4.6	4.6	4.8
Others	8.1	Type of drive unit		Digital/stepless	Digital/stepless	Digital/stepless
	10.1	Operating pressure for attachments	bar	170	170	170
	10.2	Oil flow for attachments	l/min	32	32	32
	10.7	Sound pressure level LpAZ (at the driver's seat)	db (A)	< 65	< 65	< 65
	11.1	Rated capacity up to lift height	mm	4000	4000	5000
	11.2	Static stability		1.56	1.53	1.77

¹⁾ Mast in vertical position

²⁾ Figures with battery, see line 6.4/6.5.

³⁾ Including a 200 mm (min.) operating aisle clearance.

⁴⁾ Figures in [] with Li-ION battery see line 6.4

⁵⁾ Option 48 V 804 Ah/39.2 kWh

TECHNICAL DATA

ACCORDING TO VDI 2198

Characteristics	1.1	Manufacturer		Linde	Linde	Linde	Linde
	1.2	Model designation		E16 L	E18	E18 L	E20 L
	1.3	Power unit		Battery	Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	1.6	1.8	1.8	2.0
	1.6	Load centre distance	c (mm)	500	500	500	500
	1.8	Axle centre to fork face	x (mm)	365	370	370	374
	1.9	Wheelbase	y (mm)	1517 ¹⁾	1409 ¹⁾	1517 ¹⁾	1517 ¹⁾
	Weights	2.1	Service weight	kg	3060 ²⁾	3263 ²⁾	3257 ²⁾
2.2		Axle load with load, front/rear	kg	4111/549	4465/598	4469/588	4801/554
2.3		Axle load without load, front/rear	kg	1599/1461 ²⁾	1554/1709 ²⁾	1637/1620 ²⁾	1649/1706 ²⁾
Wheels and tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE	SE
	3.2	Tyre size, front		180/70 - 8 (18 × 7 - 8)	200/50 - 10	200/50 - 10	200/50 - 10
	3.3	Tyre size, rear		15 × 4 1/2 - 8	140/55 - 9	140/55 - 9	140/55 - 9
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	930	965	965	965
	3.7	Track width, rear	b11 (mm)	168	172	172	172
	Dimensions	4.1	Mast/fork carriage tilt, forward/backward	α/β (°)	5.0/7.0	5.0/7.0	5.0/7.0
4.2		Height of mast, lowered	h1 (mm)	2019	2019	2019	2019
4.3		Free Lift	h2 (mm)	150	150	150	150
4.4		Lift	h3 (mm)	2800	2800	2800	2800
4.5		Height of mast, extended	h4 (mm)	3401	3401	3401	3401
4.7		Height of overhead guard (cabin)	h6 (mm)	1970	1970	1970	1970
4.8		Height of seat platform	h7 (mm)	908	908	908	908
4.12		Towing coupling height	h10 (mm)	510	510	510	510
4.19		Overall length	l1 (mm)	2962	2879	2967	2971
4.20		Length to fork face	l2 (mm)	2062	1979	2067	2071
4.21		Overall width	b1/b2 (mm)	1090/1050	1172/1050	1172/1050	1172/1050
4.22		Fork dimensions DIN ISO 2331	s/e/l (mm)	40 × 80 × 900	45 × 100 × 900	45 × 100 × 900	45 × 100 × 900
4.23		Fork carriage to ISO 2328, class/type A,B		2A	2A	2A	2A
4.24		Width of fork carriage	b3 (mm)	980	980	980	980
4.31		Ground clearance, below mast	m1 (mm)	97	97	97	97
4.32		Ground clearance, center of wheelbase	m2 (mm)	96	96	96	96
4.34.1		Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3389 ³⁾	3305 ³⁾	3394 ³⁾	3397 ³⁾
4.34.2		Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3513 ³⁾	3429 ³⁾	3518 ³⁾	3522 ³⁾
4.35		Turning radius	Wa (mm)	1698	1609	1698	1698
4.36	Minimum pivoting point distance	b13 (mm)	0	0	0	0	
Performances	5.1	Travel speed, with/without load	km/h	16/16	16/16	16/16	16/16
	5.2	Lifting speed, with/without load	m/s	0.4/0.6	0.4/0.6	0.4/0.6	0.4/0.6
	5.3	Lowering speed, with/without load	m/s	0.58/0.47	0.58/0.47	0.58/0.47	0.58/0.47
	5.5	Tractive force, with/without load	N	2300/2300	2300/2300	2300/2300	2300/2300
	5.6	Maximum tractive force, with/without load	N	11000 / 11000	11000 / 11000	11000 / 11000	11000 / 11000
	5.7	Climbing ability, with/without load	%	6.8 / 10.4	6.2 / 9.6	6.2 / 9.6	6.2 / 9.7
	5.8	Maximum climbing ability, with/without load	%	24.7 / 39.2	22.6 / 36.2	22.6 / 36.2	21.5 / 35.7
	5.9	Acceleration time, with/without load	s	4.5 / 3.8	4.5 / 3.8	4.5 / 3.8	4.5 / 3.8
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.
	Drive	6.1	Drive motor hour rating	kW	2x 4.6	2x 4.6	2x 4.6
6.2		Lift motor rating at S3 15 %	kW	10	10	10	11
6.3		Battery according to DIN 43535/36 A/B/C/no		43531 A/[L-ION]	43531 A/[L-ION]	43531 A/[L-ION]	43531 A/[L-ION]
6.4		Battery voltage/capacity (5 h)	V/Ah	48/690/750 [48/335] ⁴⁾	48/575/625 [48/335] ⁴⁾	48/690/750 [48/335] ⁴⁾	48/690/750 [48/335] ⁴⁾
6.4.a		Battery energy content	kWh	28.8 [16.33] ^{4) 5)}	24 [16.33] ^{4) 5)}	28.8 [16.33] ^{4) 5)}	28.8 [16.33] ^{4) 5)}
6.5		Battery weight (± 5 %)	kg	1013	856 [802]	1013	1013
6.6		Power consumption according to VDI cycle	kWh/h	4.7	4.8	5.1	5.3
Others	8.1	Type of drive unit		Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless
	10.1	Operating pressure for attachments	bar	170	170	170	170
	10.2	Oil flow for attachments	l/min	32	32	32	32
	10.7	Sound pressure level LpAZ (at the driver's seat)	db (A)	< 65	< 65	< 65	< 65
	11.1	Rated capacity up to lift height	mm	5000	4500	4500	4000
	11.2	Static stability		1.6	1.54	1.57	1.48

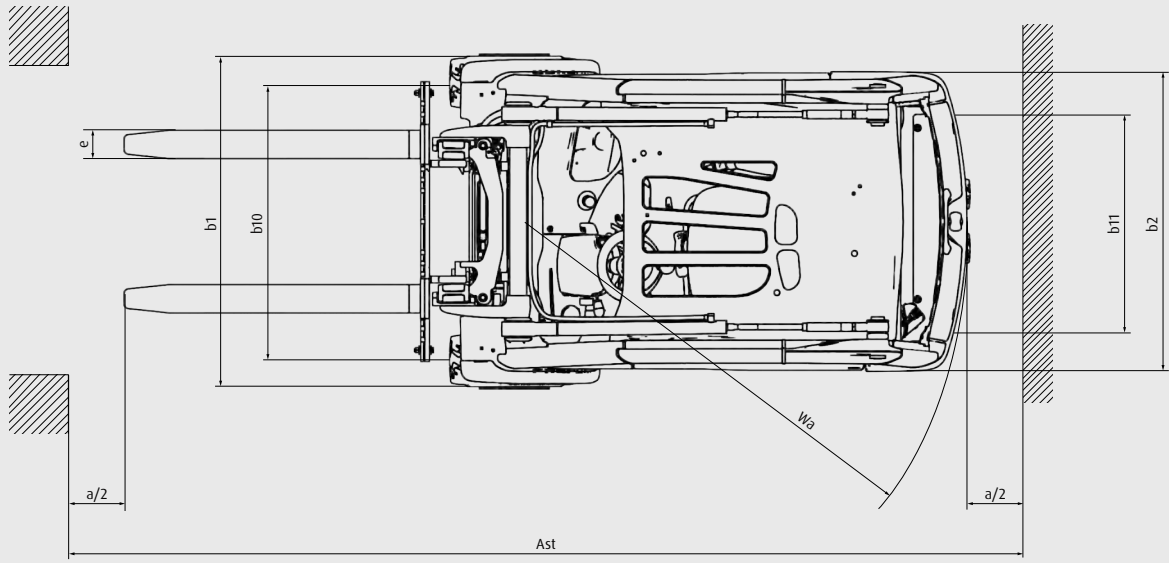
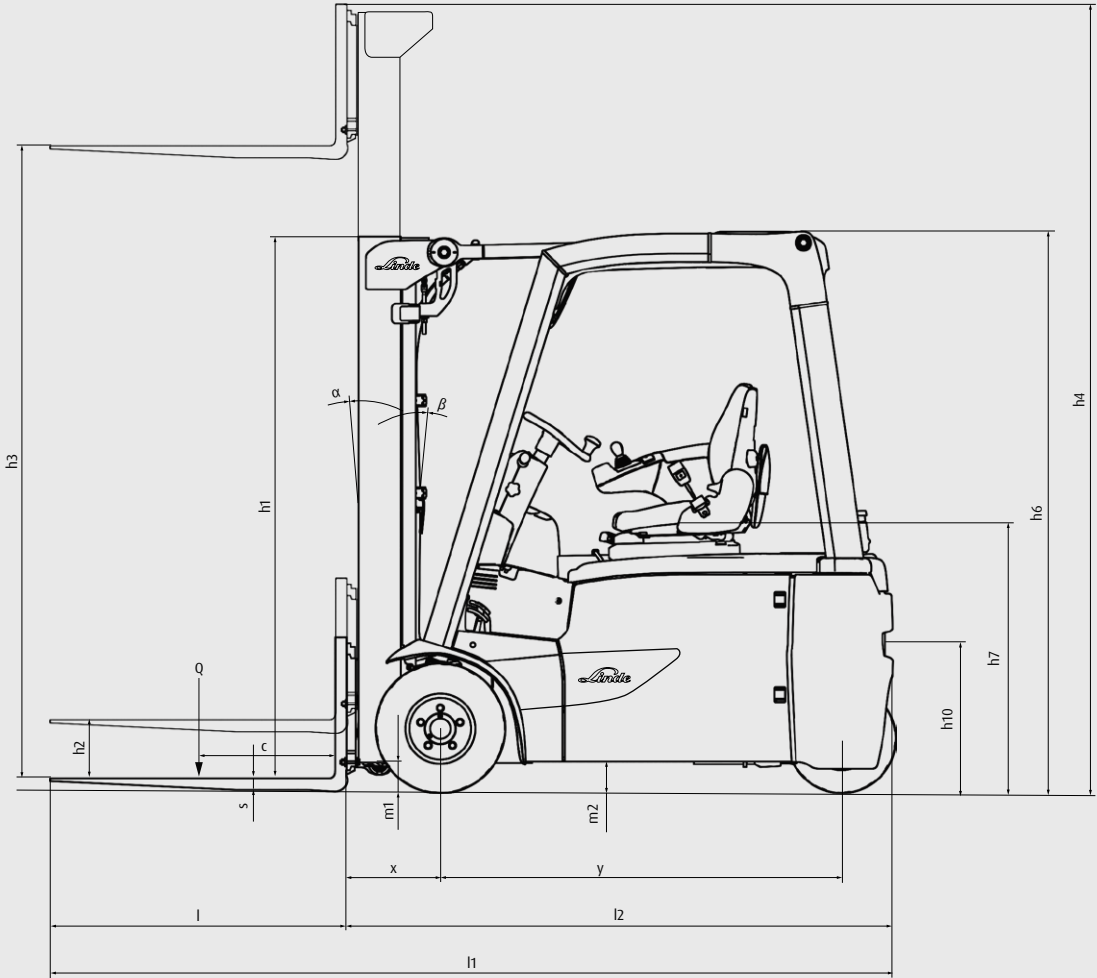
¹⁾ Mast in vertical position

²⁾ Figures with battery, see line 6.4/6.5.

³⁾ Including a 200 mm (min.) operating aisle clearance.

⁴⁾ Figures in [] with Li-ION battery see line 6.4

⁵⁾ Option 48 V 804 Ah/39.2 kWh



MAST TABLES

Standard masts (mm)		E12/E14/E15/E16/E18 E16 L/E18 L/E20 L				E16 H		
Lift	h_3	2800	3150	3850	4250	3150	3850	4250
Overall height, retracted (to 150 mm free lift)	h_1	2021	2196	2546	2746	2196	2546	2746
Overall height extended	h_4	3363	3713	4453	4813	3713	4453	4813

Duplex masts (mm)		E12/E14/E15/E16/E18 E16 L/E18 L/E20 L				E16 H		
Lift	h_3	2795	3145	3845	-	3145	3845	-
Overall height, retracted	h_1	1946	2121	2471	-	2121	2471	-
Overall height, extended	h_4	3377	3727	4427	-	3727	4427	-
Special free lift	h_2	1343	1518	1868	-	1518	1868	-

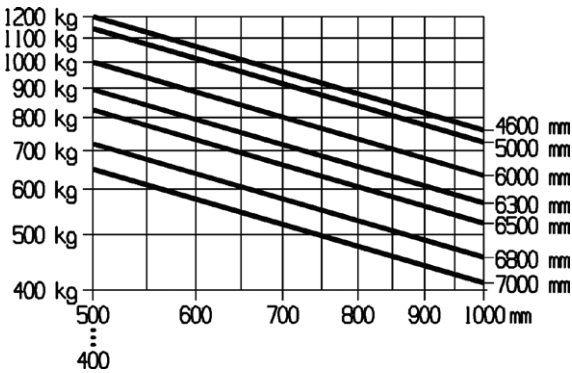
Triplex masts (mm)		E12/E14/E15/E16/E18 E16 L/E18 L/E20 L				E16 H		
Lift	h_3	4100	4625	5475	-	4625	5475	-
Overall height, retracted	h_1	1946	2121	2471	-	2121	2471	-
Overall height, extended	h_4	4708	5227	6077	-	5227	6077	-
Special free lift	h_2	1344	1519	1781	-	1519	1781	-

Other lift heights on request

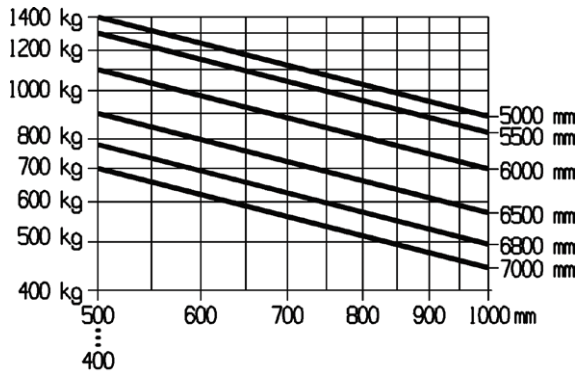
Minimum lift height does not apply to tall vehicles

LOAD CAPACITY DIAGRAM

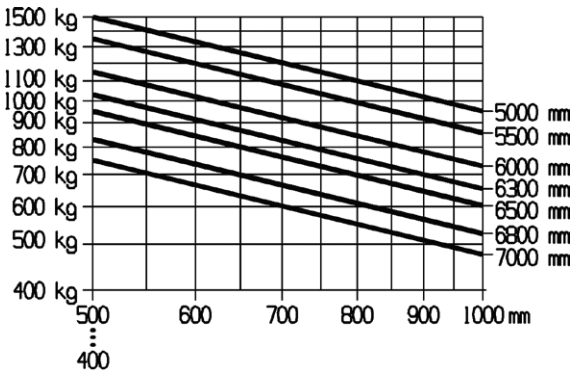
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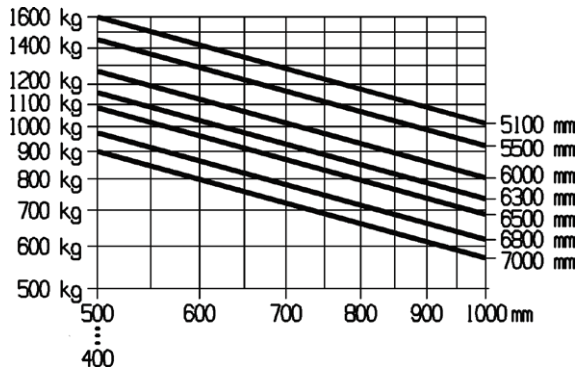
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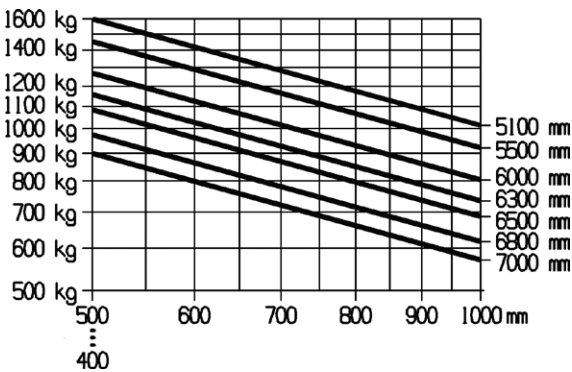
E15



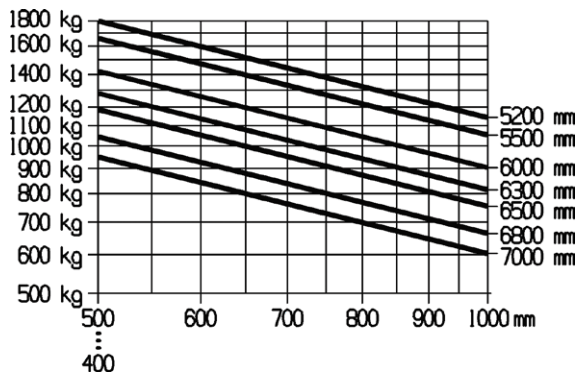
E16 / E16 C



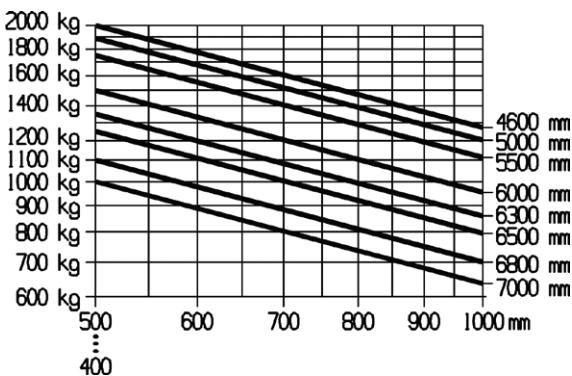
E16 L / E16 H



E18 / E18 L



E20 L



STANDARD EQUIPMENT / OPTIONAL EQUIPMENT

STANDARD EQUIPMENT

Linde twin drive pedals to control forward/reverse travel and braking

Original Linde Load Control integrated in armrest

Hydraulic suspended seat with extensive range of adjustment

Hydrostatic power steering

Three wheel configuration with original Linde center-pivot axle for excellent manoeuvrability

Linde compact drive axle with maintenance free oil-bath disc brake

Famous Linde dual motor drive with 2 × 4.6 kW for 48 V models and 2 × 3.5 kW for the 24 V models

11 kW (48 V) maintenance free AC lift motor, 10 kW for 24 V models

Curve Assist for automatic, proportional speed adaption

Plenty of storage space for writing utensils, beverage cans ...

Anti-glare display with clock, hour meter, service information and accurate battery condition indicator

Standard truck fits into ISO containers

Superelastic tyres

Battery capacity for low version (h6 = 1970 mm):
E12 = 24 V/575 Ah, E15 = 24 V/920 Ah, E14 = 48 V/460 Ah,
E16 = 48 V/575 Ah, E16 C = 48 V/460 Ah,
E16 L = 48 V/690 Ah, E18 = 48 V/575 Ah,
E18 L = 48 V/690 Ah, E20 L = 48 V/690 Ah

Battery capacity for high version with increased battery capacity (h6 = 2130 mm): E16 H = 48 V/700 Ah

Self-activating parking brake

Individual drive dynamic mode providing perfect combination of performance and efficiency

Showing battery operating time by the minute

OPTIONAL EQUIPMENT

Single drive pedal with direction selector on armrest

Overhead guard can be upgraded to full cabin with roof, front-, rear screens and doors (also available with tinted glass)

Wiper-washers for front, rear and roof screens

Further seats with additional comfort and adjustments

Cab heater with integrated pollen filter

Radio with speakers

Sun screen, clipboard and interior light

Standard mast lifts up to 5650 mm

Duplex mast (full free lift) lifts up to 4145 mm

Triplex mast (full free lift) lifts up to 6075 mm

Single or double additional hydraulics for all mast types

Tilt cylinder- and roof protection

Integrated sideshift

Integrated fork positioner

Mirrors

Linde original BlueSpot™

Linde TruckSpot™

Linde Speed Assist

Safety assistance system Linde Safety Pilot

Road traffic specification

Load backrest

Swivel seat

12 V socket

Truck lighting

Working lamps

LED stripes

VertiLights

Cold store protection

Custom paintwork

Linde Fleet Management (Linde connect)

Active ventilation while charging

Linde energy management

Customized horizontal and vertical battery change incl. NEW hydraulic battery shift

Built-in high frequency onboard charger for convenience and flexibility

Recirculation of electrolyte

Other options available on request

FEATURES

Linde clearview mast design

- With top mounted tilt cylinders for seamless load control and stability
- Excellent view of load and surroundings through the robust yet slim mast profiles
- Nominal capacity retained to maximum lift heights
- High residual capacities in all applications
- Exceptionally stable



Linde hydrostatic power steering

- Minimal physical demands on the operator
- Compact ergonomically designed steering wheel
- Linde close coupled steer axle for outstanding manoeuvrability
- Less tyre stress

Linde twin accelerator control

- Seamless, rapid reversing without repositioning the feet
- Short pedal travel
- Fatigue-free working
- Increased throughput and performance

Linde Load Control

- Small tactile joystick integrated in an adjustable armrest
- Precise and effortless fingertip joystick control of all mast functions
- Safe and highly efficient load handling

Linde Dual Motor Drive

- Two powerful AC drive motors
- Seamless acceleration and variable torque characteristics
- Power moduls in DCB-technology for high performance and efficiency cooling



Linde operator's compartment

- Ergonomically designed for efficient, fatigue-free working
- Spacious operator's compartment with generous floor plate area
- Cushioned comfort – mast and drive axle are isolated from the chassis and cab by a unique resilient suspension system that absorbs shock loadings

Linde compact drive axle

- Twin drive design with high performance Linde AC technology
- Integrated AC lift motor
- Optimum energy efficiency
- Maintenance-free oil-bath disc brake
- Efficient power moduls housed in sealed unit for complete protection
- Short, energy saving power connections

Linde energy management

- Optimised energy consumption
- Accurate battery condition indicator
- Simple horizontal or vertical battery changing options
- Optional built-in high frequency charger for convenience and flexibility
- Record of battery usage

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.

