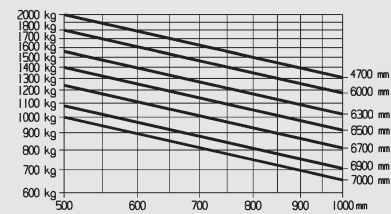
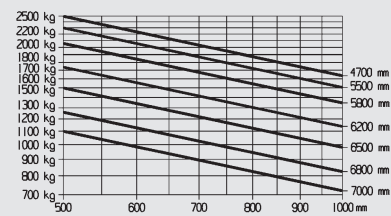


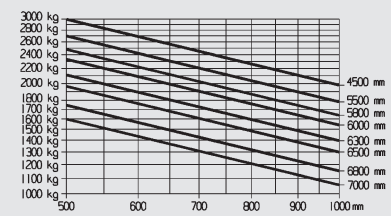
E20



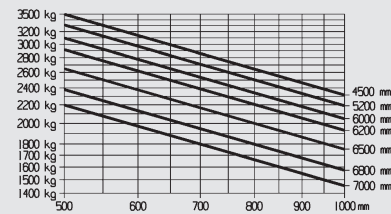
E25/E25L



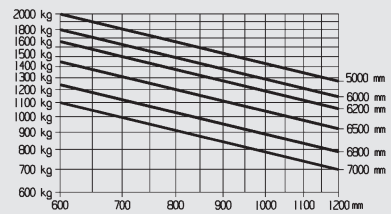
E30/E30L



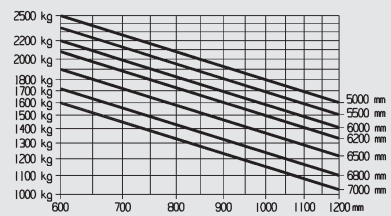
E35L/E35HL



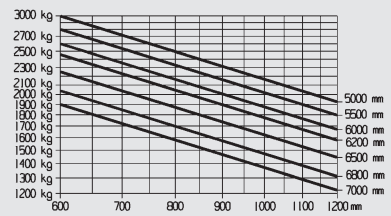
E20/600H



E25/600H, E25/600HL



E30/600H, E30/600HL



Standard Equipment/Optional Equipment

Standard Equipment

Standard truck height or comfort version

Hydrostatic power steering

Linde twin accelerator pedals for all vehicle movements

Central lever (joystick control) integrated into the adjustable armrest

2 x 9 kW maintenance free AC drive motors

22 kW AC maintenance free lift motor

Different ECO modes providing the perfect combination of performance and efficiency

Graphic display of battery operating time in minutes

Automatic parking brake

Linde patented combi axle in all models up to 3.5 t.

Linde dual motor drive

Proportional reduction of travel speed when cornering (Linde Drive Assistant)

Seamless electronic control of all traction and hydraulic movements

Standard chassis suitable for working in ISO containers with appropriate mast (not high comfort version)

Hydraulically cushioned full suspension PVC operator's seat with armrest

Comprehensive digital instrument display

Generous storage facilities for writing materials and miscellaneous items

Superelastic tyres

Mast

Clearview standard mast

Fork carriage width:

1,080 mm for E20, E20/600H, E25, E25L

1,150 mm for E25/600H, E25/600HL, E30, E30/600 H,

E30/600 HL, E30 L, E35 L, E35 HL

Fork length 1,000 mm

Optional Equipment

Single pedal accelerator with forward/reverse selector in the armrest

Heating (with pollen protection filter)

Radio with Bluetooth, USB and SD-card connections

Fabric covered comfort seat

Super-comfort seat with air suspension, heater and backrest extension

Swivelling seat

Individual or single hydraulic control joystick

Overhead guard sun blinds (front + top)

Clipboard with LED illumination

Front and rear screens, wipers and tops screen

Full cab with hinged doors

Polycarbonate top screen on overhead guard

Tilt cylinder protection

Alternative fork lengths

Alternative fork carriage widths

Integrated sideshift

Integrated fork spreader

One, two or three additional hydraulic circuits for attachments

Load backrest

Working lamps with LED technology

Truck lighting with LED technology on rear side

Full road lighting

Flashing beacon/rotating beacon

Audible reversing alarm

Electrical socket 12 V

External, internal and panoramic mirror

Integrated charger unit, optionally with electrolyte circulation

Active ventilation for battery charging

Alternative tyre types

Cold store protection

Alternative custom paintwork

Linde Fleet Management (LFM)

Other options available on request



Electric Counterbalanced Trucks Capacity 2000 - 3500 kg E 20, E 25, E 30, E 35

Series 387

Features

Linde compact drive axle

- Twin drive design with high performance Linde AC technology
- Optimum energy efficiency
- Maintenance-free oil-bath vane brake
- Automatic parking brake
- Latest DCB-power modules are mounted on the drive axle - highest efficiency due to very compact conductors to the motors

Linde hydrostatic power steering

- Minimal physical demands on the operator
- Compact ergonomically designed steering wheel
- Linde combi steer axle for outstanding manoeuvrability



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 into the 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 integrated in the front axle
- Infinitely acceleration and variable torque characteristics
- Extremely quiet in operation



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



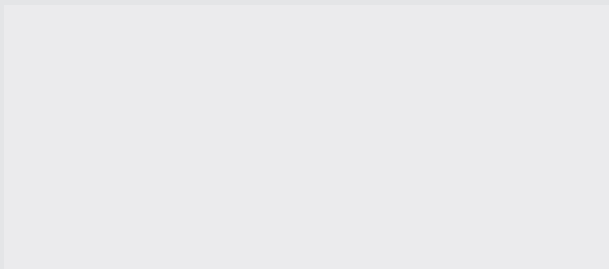
Linde clearview mast design

- 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 high lift heights
- High residual capacities for all applications



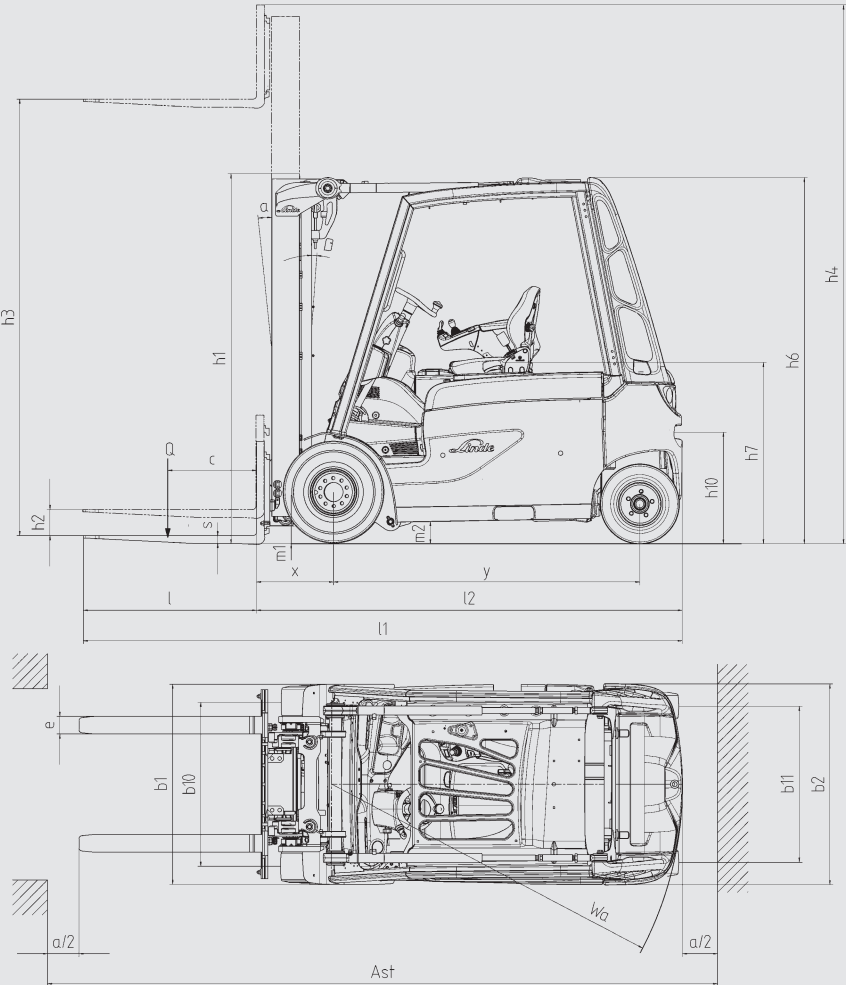
Linde energy management

- 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 and condition



Technical Data according to VDI 2198

		Manufacturer		LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE
Characteristics	1.2	Model designation		E20	E20/600H	E25	E25/600H	E25L	E25/600HL	E30	E30/600H	E30L	E30/600HL	E35L	E35HL	E30/600HL Beverage
	1.2a	Series		387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00	387-00
	1.3	Power unit		Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery
	1.4	Operation		Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat
	1.5	Load capacity	Q (t)	2.0	2.0	2.5	2.5	2.5	2.5	3.0	3.0	3.0	3.0	3.5	3.5	3.0
	1.6	Load centre	c (mm)	500	600	500	600	500	600	500	600	500	600	500	500	600
	1.8	Axle centre to fork face	x (mm)	445	445	445	468	445	468	471	476	471	476	476	476	476
Weights	1.9	Wheelbase	y (mm)	1622	1651	1622	1651	1767	1796	1665	1651	1767	1796	1810	1796	1796
	2.1	Service weight	(kg)	3968 ¹⁾	4633 ¹⁾	4453 ¹⁾	5138 ¹⁾	4382 ¹⁾	5163 ¹⁾	4981 ¹⁾	5643 ¹⁾	5024 ¹⁾	5521 ¹⁾	5404 ¹⁾	5701 ¹⁾	5808 ¹⁾
	2.2	Axle load with load, front/rear	(kg)	5349 / 619	5650 / 983	6139 / 814	6726 / 912	6148 / 734	6704 / 959	7165 / 816	7649 / 994	7172 / 852	7588 / 933	8078 / 826	8221 / 980	7799 / 1009
Wheels/Tyres	2.3	Axle load without load, front/rear	(kg)	2184 / 1784 ¹⁾	2384 / 2249 ¹⁾	2182 / 2271 ¹⁾	2609 / 2529 ¹⁾	2311 / 2071 ¹⁾	2717 / 2446 ¹⁾	2415 / 2566 ¹⁾	2694 / 2949 ¹⁾	2523 / 2501 ¹⁾	2791 / 2730 ¹⁾	2691 / 2713 ¹⁾	2819 / 2882 ¹⁾	3002 / 2806 ¹⁾
	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
	3.2	Tyre size, front		225/75-10 (23x9-10)	225/75-10 (23x9-10)	225/75-10 (23x9-10)	225/75-10 (23x9-10)	225/75-10 (23x9-10)	225/75-10 (23x9-10)	225/75-10 (23x9-10)	250/60-12 (23x10-12)	225/75-10 (23x9-10)	250/60-12 (23x10-12)	315/45-12	315/45-12	315/45-12
Dimensions	3.3	Tyre size, rear		180/60-10	180/60-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10	200/50-10
	3.5	Wheels, number front/rear (x = driven)		2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2	2x / 2
	3.6	Track width, front	b10 (mm)	942	942	942	942	942	942	980	942	980	942	1028	1028	1028
	3.7	Track width, rear	b11 (mm)	900	900	900	900	900	900	886	886	886	886	886	886	886
	4.1	Mast/fork carriage tilt, forward/backward	a/b (°)	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 7.0
	4.2	Height of mast, lowered	h1 (mm)	2223	2273	2223	2269 ²⁾	2223	2269 ²⁾	2270	2272 ²⁾	2269	2271 ²⁾	2267	2267 ²⁾	2721
	4.3	Free lift	h2 (mm)	150	150	150	150	150	150	150	150	150	150	150	150	150
	4.4	Lift	h3 (mm)	3130	3230	3130	3195 ²⁾	3130	3195 ²⁾	3195	3195 ²⁾	3195	3195 ²⁾	3195	3195 ²⁾	4095
	4.5	Height of mast, extended	h4 (mm)	3793	3893	3793	3956 ²⁾	3793	3956 ²⁾	3957	3959 ²⁾	3956	3958 ²⁾	3954	3954 ²⁾	4858
	4.7	Height of overhead guard (cabin)	h6 (mm)	2080 ³⁾	2237 ³⁾	2080 ³⁾	2237 ³⁾	2080 ³⁾	2237 ³⁾	2080 ³⁾	2237 ³⁾	2080 ³⁾	2237 ³⁾	2080 ³⁾	2237 ³⁾	2667 ³⁾
Performance	4.8	Height of seat/stand on platform	h7 (mm)	1002	1160	1002	1160	1002	1160	1002	1160	1002	1160	1002	1160	1510
	4.12	Towing coupling height	h10 (mm)	621	656	621	658	624	659	623	656	622	661	626	659	659
	4.19	Overall length	l1 (mm)	3318	3352	3318	3375	3463	3520	3444	3383	3539	3528	3594	3528	3535
	4.20	Length to fork face	l2 (mm)	2318	2352	2318	2375	2463	2520	2444	2383	2539	2528	2594	2528	2535
	4.21	Overall width	b1/b2 (mm)	1150 / 1148	1150 / 1146	1150 / 1148	1150 / 1146	1150 / 1148	1150 / 1146	1150 / 1178	1228 / 1146	1150 / 1148	1228 / 1146	1322 / 1178	1322 / 1146	1322 / 1178
	4.22	Fork dimensions	s/e/l (mm)	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	50 x 120 x 1000	45 x 100 x 1000	50 x 120 x 1000	50 x 120 x 1000	50 x 120 x 1000	50 x 120 x 1000
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	2A	2A	2A	2A	2A	3A	3A	3A	3A	3A	3A	3A
	4.24	Width of fork carriage	b3 (mm)	1080	1080	1080	1150	1080	1150	1150	1150	1150	1150	1150	1150	1150
	4.31	Ground clearance, below mast	m1 (mm)	130	130	129	127	130	127	136	136	136	136	129	129	136
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120	120	120	120	120	120	120	120	120	120	120
Drive	4.33	Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	3638 ⁴⁾	3672 ⁴⁾	3638 ⁴⁾	3693 ⁴⁾	3783 ⁴⁾	3838 ⁴⁾	3762 ⁴⁾	3700 ⁴⁾	3857 ⁴⁾	3845 ⁴⁾	3911 ⁴⁾	3845 ⁴⁾	3860 ⁴⁾
	4.34	Aisle width with pallet 800 x 1200 along forks	Ast (mm)	3766 ⁴⁾	3800 ⁴⁾	3766 ⁴⁾	3822 ⁴⁾	3911 ⁴⁾	3967 ⁴⁾	3891 ⁴⁾	3830 ⁴⁾	3986 ⁴⁾	3975 ⁴⁾	4041 ⁴⁾	3975 ⁴⁾	3990 ⁴⁾
	4.35	Turning radius	Wa (mm)	1873	1907	1873	1907	2018	2052	1973	1907	2068	2052	2118	2052	2067
	4.36	Minimum pivoting point distance	b13 (mm)	0	0	0	0	0	0	0	0	0	0	0	0	0
	5.1	Travel speed, with/without load	(km/h)	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20	20 / 20
	5.2	Lifting speed, with/without load	(m/s)	0.45 / 0.56	0.45 / 0.56	0.45 / 0.56	0.44 / 0.53	0.45 / 0.56	0.44 / 0.53	0.42 / 0.51	0.42 / 0.51	0.42 / 0.51	0.42 / 0.51	0.39 / 0.51	0.39 / 0.51	0.42 / 0.51
	5.3	Lowering speed, with/without load	(m/s)	0.54 / 0.54	0.54 / 0.54	0.54 / 0.54	0.56 / 0.56	0.54 / 0.54	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56	0.56 / 0.56
	5.5	Tractive force, with/without load	(N)	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600	4600 / 4600
	5.6	Maximum tractive force, with/without load	(N)	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000	15000 / 15000
	5.7	Climbing ability, with/without load	(%)	8.2 / 12.2	7.5 / 10.6	7.1 / 10.8	6.4 / 9.4	7.2 / 11.2	6.4 / 9.4	6.1 / 9.6	5.8 / 8.7	6.1 / 9.5	5.8 / 8.8	5.5 / 9.0	5.4 / 8.5	5.7 / 8.5
Others	5.8	Maximum climbing ability, with/without load	(%)	25.4 / 39.0	23.0 / 33.4	21.6 / 34.1	19.7 / 29.3	22.1 / 35.4	19.6 / 29.3	18.7 / 30.0	17.5 / 27.0	18.6 / 29.7	17.6 / 27.2	16.8 / 27.8	16.3 / 26.4	17.2 / 26.3
	5.9	Acceleration time, with/without load	(s)	4.1 / 4.0	4.1 / 4.0	4.1 / 4.0	4.1 / 4.0	4.1 / 4.0	4.2 / 4.0	4.2 / 4.0	4.2 / 4.0	4.2 / 4.0	4.2 / 4.0	4.3 / 4.1	4.3 / 4.1	4.3 / 4.1
	5.10	Service brake		hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.
	6.1	Drive motor, 60 minute rating	(kW)	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9	2x 9
	6.2	Lift motor, rating at 53 15%	(kW)	22	22	22	22	22	22	22	22	22	22	22	22	22
	6.3	Battery according to DIN 43531/35/36 A,B,C,no		43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B	43 535 B
	6.4	Battery voltage/rated capacity (5h)	(V/Ah)	80 / 460-500	80 / 560-620	80 / 460-500	80 / 560-620	80 / 575-625	80 / 700-775	80 / 460-500	80 / 560-620	80 / 575-625	80 / 700-775	80 / 575-625	80 / 700-775	80 / 700-775
	6.5	Battery weight (± 5%)	(kg)	1210	1558	1210	1558	1458	1863	1210	1558	1458	1863	1458	1863	1863
	6.6	Power consumption according to VDI cycle	(kWh/h)	6.4	7	7.4	7.9	7.3	7.9	8.6	8.7	8.6	8.7	9.5	9.8	8.8
	8.1	Type of drive control		Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless	Digital/stepless
8.2	Operating pressure for attachments	(bar)	170	170	170	170	170	170	170	170	170	170	170	170	170	
8.3	Oil flow for attachments	(l/min)	50	50	50	50	50	50	50	50	50	50	50	50	50	
8.4	Noise level at operator's ear	(dB(A))	<65	<65	<65	<65	<65	<65	<65	<65	<65	<65	<65	<65	<65	
1) Figures with battery, see line 6.4/6.5. 2) Comfort Version h1/h3/h4 = 2375/3350/4125 mm 3) Comfort Version h6=2160 mm			4) Comfort Version h6=2317 mm 5) Comfort OHG 6) Including a 200 mm (min.) operating aisle clearance.													



Standard mast		E20/E20* E25/E25* E25L/E25L*	E20/E20* E20-600H E25/E25* E25L/E25L*	E20, E20*, E20-600H, E20-600* E25, E25*, E25L, E25L*					E30/E30* E30L/E30L* E35L/E35L*	E25-600H/ E25-600HL E30-600H/ E30-600HL	E25-600H*, E25-600HL* E30-600H*, E30-600HL* E35HL					E30-600HL +350mm			
Lift	h3	3130	3230	3430	3730	4030	4530	5030	3095	3195	3495	3695	3995	4495	4995	4095	4495	4995	5495
Mast retracted	h1	2225	2275	2375	2525	2675	2925	3175	2216	2266	2416	2516	2666	2916	3166	2716	2916	3166	3416
Mast extended	h4	3795	3895	4095	4395	4695	5195	5695	3853	3953	4253	4453	4753	5253	5753	4853	5253	5753	6253
Free lift	h2	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150
Duplex mast		E20/E20* E25/E25* E25L/E25L*	E20* E20-600H E25* E25L*	E20* E20-600H E25* E25L*			E25/E25L E30/E30L E35L	E25-600H/ E25-600HL E30*/E30L* E30-600H/ E30-600HL E35L*/E35HL*	E25-600H*/E25-600HL* E25* E30L* E30-600H*/E30-600HL* E35L*/E35HL*			E30-600HL +350mm							
Lift	h3	3200	3300	3500	3800	4100	2965	3265	3765	4065	4065	4565							
Mast retracted	h1	2176	2226	2326	2476	2626	2075	2225	2475	2625	2625	2875							
Mast extended	h4	3870	3927	4170	4470	4770	3745	4045	4545	4845	4845	5345							
Free lift	h2	1505	1555	1655	1805	1955	1295	1445	1695	1845	1845	2095							
Triplex mast		E20 E25 E25L	E20* E25* E25L*	E20* E20-600H E25* E25L*	E20* E20-600H* E25* E25L*	E20* E20-600H			E25/E25L E30*/E30L* E35L	E25*/E25L* E30*/E30L* E35L	E25-600H/ E25-600HL E30-600H/ E30-600HL	E25-600H*, E25-600HL* E30L*/E30L* E35L*/E35HL			E30-600HL +350mm				
Lift	h3	4460	4760	4910	5210	5560	6010	6660	4380	4680	4830	4980	5330	5930	6430	5930	6580		
Mast retracted	h1	2075	2175	2225	2325	2475	2625	2875	2065	2165	2215	2265	2415	2615	2815	2615	2865		
Mast extended	h4	5130	5430	5580	5880	6230	6680	7330	5150	5450	5600	5750	6100	6700	7200	6700	7350		
Free lift	h2	1405	1505	1555	1655	1805	1955	2205	1295	1395	1445	1495	1645	1845	2045	1845	2095		