

Standard equipmnt

- Linde twin pedals system
- Linde joystick integrated in armrest
- 2×4KW maintenace-free AC drive motors
- 180 degree battery door for vertical/lateral battery change
- Linde Curve Assist
- Adjustable PVC seat, adapts to operator’s body size and weight
- Multifunction LCD display
- Battery capacity 48V/575-700 Ah
- LED rear lamp
- SE tyres
- Standard mast lift height h3 = 3250 mm
- Fork length l = 1,000mm

Options

- Connect Solution
- Single drive pedal with direction lever in armrest
- Alternative fork lengths
- Alternative fork carriage widths
- Triplex masts, lift height to 6220 mm
- Integrated sideshift
- One, two additional hydraulic circuits for attachments
- Fork extensions
- Load backrest
- Full cab with doors
- Front and rear screens, wipers and tops screen
- Comfortable seat
- Blue Spot
- Linde auto fire extinguisher

Other Options Available on Request



Battery Counterbalanced Forklift Truck

CAPACITY 1600, 2000 kg
E16, E20 1275

Safety

High stability and excellent traction achieved by design incorporating high-level engineering expertise and construction employing high-quality materials. Outstanding performance by Linde advanced axle, which automatically extends truck wheelbase when the mast is tilted back.

Performance

Advanced motors combined with the original Linde Load Control system enable the operator to turn the truck’s vast potential into utmost productivity. Comfortable and precise fingertip control of all mast functions. Powerful AC motors boost power for excellent performance.

Comfort

The high level of operator comfort allows a high level of

precision and working performance. The ease of handing afforded by the Linde twin drive pedals provide the basis for fast, stress-free working.

Reliability

Electric forklifts need reliable electronics. Linde Digital Control provides dependability of a high standard through redundant monitoring systems, complete protection from dust and dirt is gained by totally enclosed aluminum casing.

Service

The rapid battery changing methods, service-free AC motor and disc brake greatly reduce the downtime to ensure the lowest cost. Linde digital control system makes diagnose much easy.

Features

Reliable brake system

- Regenerative brake, shorter brake distance, regenerate energy, longer working hour
- Wet disc brake, less maintenance and reliable
- Excellent slope behavior, truck roll back slowly even forget to actuate parking brake

Flexible battery change solutions

- Standard with battery door for vertical and lateral battery changing
- Flexible change solutions for different applications
- Quick battery change to reduce down time



Linde Twin Pedals System

- Quick change of forward/reverse direction without changing feet on pedals
- Increased productivity
- Fatigue-free working



Linde Joystick System

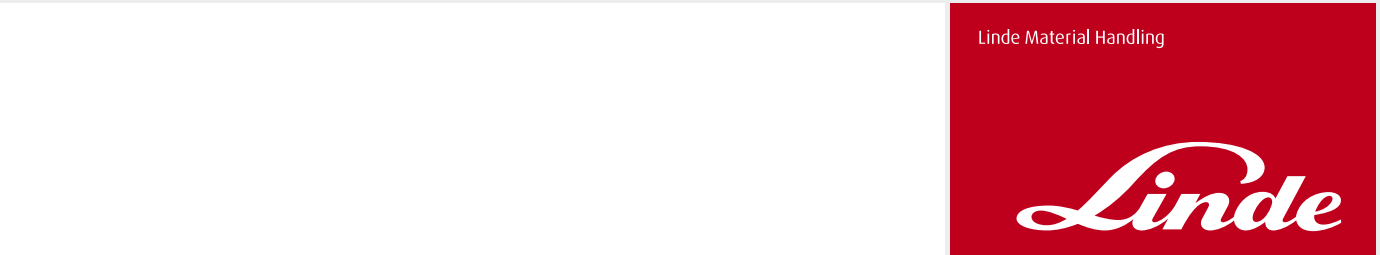
- Accurate, safe load handing
- Effortless fingertip control of all mast functions
- Hydraulic control levers integrated in armrest



Linde clear-view mast

- Superb visibility through slim-profile sections of mast
- Full load capacity up to maximum lift height
- Exceptional residual capacity

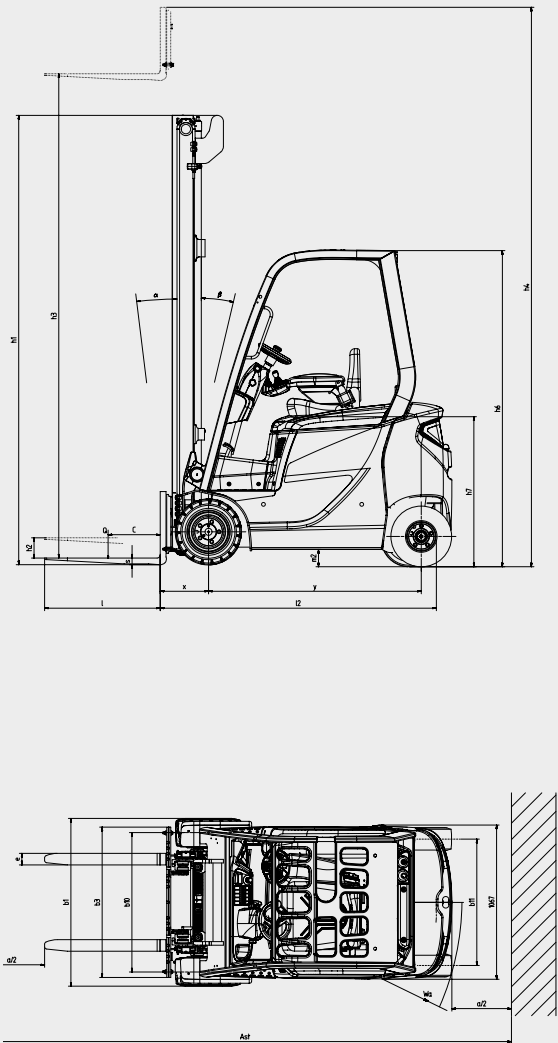
Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments.



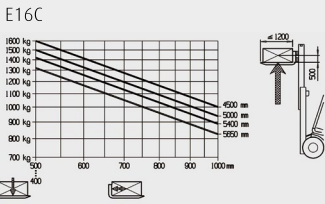
Technical Data

Characteristics	1.1	Manufacturer		Linde	Linde	Linde	Linde	Linde
	1.2	Model designation		E16C-01	E16CH-01	E16P-01	E16PH-01	E20PH-01
	1.3	Power unit:Electromotion,diesel,gasoline,LPG, mains power		Battery	Battery	Battery	Battery	Battery
	1.4	Operation: manual, pedestrain, stand-on, seated, order picker		Driver seated	Driver seated	Driver seated	Driver seated	Driver seated
	1.5	Load capacity	Q(t)	1.6	1.6	1.6	1.6	2.0
	1.6	Load center	c(mm)	500	500	500	500	500
Weights	1.8	Axle centre to fork face	x(mm)	335	335	335	335	339
	1.9	Wheelbase	y(mm)	1356 ²⁾	1383 ²⁾	1442 ²⁾	1472 ²⁾	1472 ²⁾
	2.1	Service weight	kg	3180	3465	3100	3445	3540
	2.2	Axle load with load, front/rear	kg	4165/615 ²⁾	4281/784 ²⁾	4156/554 ²⁾	4263/782 ²⁾	4885/655 ²⁾
Tyres	2.3	Axle load without load, front/rear	kg	1580/1600 ²⁾	1715/1750 ²⁾	1630/ 1480 ²⁾	1755/ 1690 ²⁾	1750/1790 ²⁾
	3.1	Tyre:SE=(super elastic),P=(pneumatic)		SE	SE	SE	SE	SE
	3.2	Tyre size, front		18x7-8	200/50-10	18x7-8	18x7-8	200/50-10
	3.3	Tyre size, rear		15x4 1/2-8	15x4 1/2-8	16x6-8	16x6-8	16x6-8
	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)	925	945	925	925	945
Measurements	3.7	Track width, rear	b11(mm)	168	168	874	874	874
	4.1	Mast tilt, forward/backward	α / β (°)	5.7/6.5	5.7/6.5	5.7/7.5	5.7/7.5	5.7/7.5
	4.2	Height of mast, lowered	h1(mm)	2194	2192	2194	2196	2196
	4.3	Free lift	h2(mm)	150	150	150	150	150
	4.4	Lift	h3(mm)	3250	3250	3250	3250	3250
	4.5	height of mast, extended	h4(mm)	3861	3861	3861	3861	3863
	4.7	Height of overhead guard (cabin)	h6(mm)	2018	2176	2018	2173	2173
	4.8	Height of seat platform	h7(mm)	990	1150	990	1150	1150
	4.12	Tow coupling height	h10(mm)	529	614	563	644	645
	4.19	Overall length	l1(mm)	2880 ²⁾	2908 ²⁾	2983 ²⁾	3018 ²⁾	3060 ²⁾
	4.20	Length to fork face	l2(mm)	1908 ²⁾	1908 ²⁾	1983 ²⁾	2018 ²⁾	2060 ²⁾
	4.21	Overall width	b1/b2(mm)	1083	1158	1083	1158	1158
	4.22	Fork dimensions,sxexl	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
	4.23	Fork carriage to Din 15173, class/form A,B		2A	2A	2A	2A	2A
	4.24	Width of fork carriage	b3 [mm]	1040	1040	1040	1040	1040
	4.31	Ground clearance, mast	m1(mm)	95	95	90	90	90
	4.32	Ground clearance, center of wheelbase	m2(mm)	110	110	105	105	105
	4.33	Aisle width with pallet 1000x1200mm across forks	Ast(mm)	3212 ²⁾	3241 ²⁾	3408 ²⁾	3480 ²⁾	3484 ²⁾
	4.34	Aisle width with pallet 800x1200mm along forks	Ast(mm)	3334 ²⁾	3363 ²⁾	3605 ²⁾	3680 ²⁾	3684 ²⁾
	4.35	Turning radius	Wa(mm)	1548 ²⁾	1577 ²⁾	1870 ²⁾	1945 ²⁾	1945 ²⁾
Performances	4.36	Minium pivoting distance	b13(mm)	0	0	514	598	598
	5.1	Travel speed, with/without load	km/h	15.8/15.8	15/15	15.8/15.8	15.8/15.8	15.8/15.8
	5.2	Lifting speed,with/without load	m/s	0.44 / 0.57	0.44 / 0.57	0.44 / 0.57	0.44 / 0.57	0.37 / 0.57
	5.3	Lowering speed, with/without load	m/s	0.54 / 0.54	0.54 / 0.54	0.54 / 0.54	0.54 / 0.54	0.54 / 0.54
	5.5	Tractive force, with/without load (60 minute rating)	N	2900/3400	4400/4500	3400/3400	4400/4500	3000/3300
	5.6	Maximum tractive force, with/without load (5 minute rating)	N	11000/7300	10700/8900	11000/8400	12300/11100	9500/10000
	5.7	Climbing ability,with/without load(30 minute rating)	[%]	6.1/10.8	8.9/13.4	7.3/11.1	8.9/13.4	6.0/8.6
	5.8	Maximum climbing ability,with/without load (5 minute rating)	[%]	21.7/21.4	19.7/24.4	22.1/25.8	23.2/31.8	15.5/27.3
	5.9	Acceliration time,with/without load (first 15m)	[s]	6.0/5.8	6.8/6.5	6.3/6.2	6.2/6.2	6.2/5.8
	5.10	Service brake		Hydraulic / electric				
Drive	6.1	Drive motor hour rating (60 minute rating)	kW	2 x 4	2 x 4	2 x 4	2 x 4	2 x 4
	6.2	Lift motor,15% rating	kW	8.5	8.5	8.5	8.5	8.5
	6.3	Battery according to DIN43 535/36 A/B/C/no		43531A	43531A	43531A	43531A	43531A
	6.4	Batteru voltage / capacity (5 hours)	V / Ah	48/ 575	48/700	48/575	48/700	48/700
	6.5	Battery weight (+/-5%)	kg	856	1118	856	1118	1118
	6.6	Power Consumption according to VDI cycle		4.7	5.0	4.8	5.0	5.1
Others	8.1	Type of drive control		Microprocessor.	Microprocessor.	Microprocessor.	Microprocessor.	Microprocessor.
	8.2	Working pressure for attachments		200	200	200	200	250
	8.3	I flow for attachments	bar	20	20	20	20	20
	8.4	Mean noise level at driver's ear	db	-	-	-	-	-
	Figures fpr standard version may vary when options equipment is fitted 1) Figure in brackets refer to triplex mast. 2) At 0° tilt angle.							

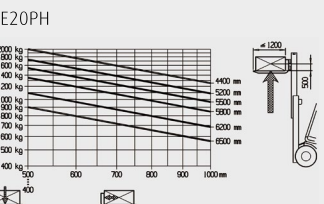
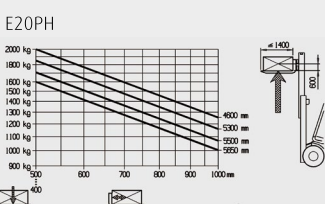
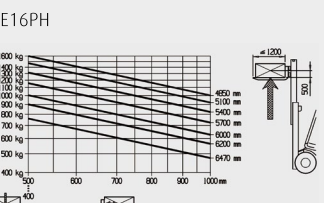
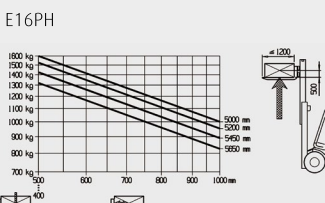
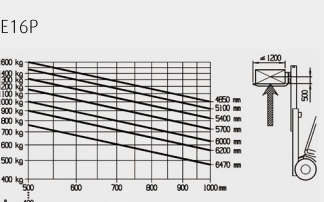
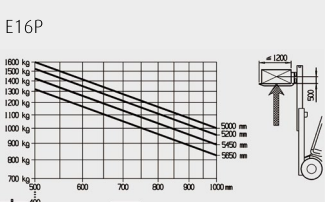
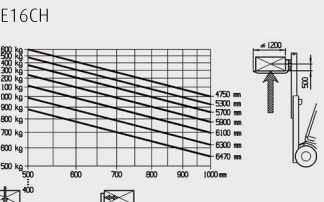
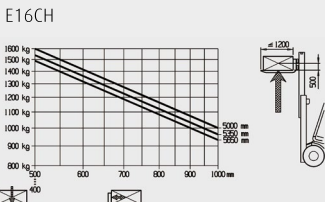
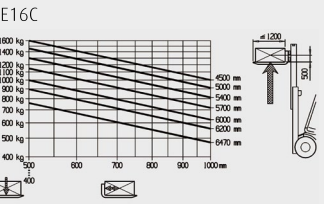
Lifting capacity diagram for standard, duplex mast and triplex mast with standard fork carriage



Standard, Duplex mast



Triplex mast



Mast Datasheet (in: mm)

Standard masts (mm)		E16C/E16P							E16CH /E16PH /E20PH						
Lift height	h3	2850	3050	3250	3850	4250	4850	5650	3050	3250	3850	4250	4850	5650	
Retracted height with 150mm free lift	h1	1976	2076	2176	2476	2676	2976	3376	2078	2178	2478	2678	2978	3378	
Height of overall at max. lift	h4	3643	3663	3863	4463	4863	5463	6263	3663	3863	4463	4863	5463	6263	
Free lift	h2	150	150	150	150	150	150	150	150	150	150	150	150	150	

Duplex masts (mm)		E16C/E16P						E16CH /E16PH /E20PH					
Lift height	h3	2770	3070					3070					
Retracted height with 150mm free lift	h1	1919	2069					2071					
Height of overall at max. lift	h4	3383	3683					3683					
Free lift	h2	1318	1468					1468					

Triplex masts (mm)		E16C/E16P						E16CH /E16PH /E20PH					
Lift height	h3	4020	4470	4770	5470	5920	6220	4470	4770	5470	5920	6220	
Retracted height with 150mm free lift	h1	1919	2069	2169	2469	2619	2719	2071	2171	2471	2621	2721	
Height of overall at max. lift	h4	4633	5083	5383	6533	6533	6833	5083	5383	6083	6583	6883	
Free lift	h2	1318	1468	1568	1868	2018	2118	1468	1568	1868	2018	2118	