

Standard and Optional Equipment

Standard Equipment

- Linde Digital Controller
- Import brand motors
- Linde Li-ION battery
- Import gear pump
- Twin drive motor system
- Fork loading cushion
- Solid tires
- Deluxe seat
- Seat safety switch
- Small diameter steering wheel
- Linde twin pedal
- Linde central lever
- 4,3" colour display
- USB charger
- LED headlight and LED rear light
- E-bar LED display
- Side-port charge
- 80V 228Ah Li-ION battery
- 80V 100A high-frequency charger
- Turning auto-deceleration
- Rear handle with horn button
- Integrated side shifter
- Additional hydraulic circuits for attachments
- Flashing beacon
- Linde BlueSpot
- Fork backrest

Optional Equipment

- Linde single pedal system
- Cold Store Protect
- Smartlink 2.0 Fleet Management System
- Hook-on side shifter
- EMS - Energy Management System

Other Options Available on Request



New Energy Counterbalance Forklift Truck

CAPACITY 1500, 1800, 2000 kg

E15CBHP-01, E18CBHP-01, E20CBHP-01 **1292**

Compact & Flexible Design

The dedicated Li-ION truck design, with a smaller turning radius and aisle width, saves working space and offers better manoeuvrability.

Accurate & Reliable In-house BMS

In-house BMS with enhanced hardware parameters: 80 millisecond high-speed data transmission and higher detection accuracy. Improved battery management prolongs the battery life cycle.

Modular Design & Easy Maintenance

Thanks to its modular design, the service process is simplified, reducing checking and repairing time by 15% to 20%. It is equipped with a mobile phone-accessible diagnostic app, improving troubleshooting convenience. The use of higher-quality oils and filters reduces replacement frequency and maintenance costs.

Three Electric Component Integration for Efficiency & Reliability

The Li-ION battery, motor and controller, developed by Linde and specially designed for industrial vehicles, offer better integration, higher efficiency, and enhanced safety. This effectively saves energy and reduces maintenance costs.

Digital & Intelligent Management

The EMS and Smartlink 2.0 system remotely manages the fleet and battery, improve safety, repair efficiency, and vehicle utilisation rate.

Surging Power & Flexible Operation

With over 50 years of German expertise in electric forklift truck software programming, the system offers short acceleration time for fast direction changes, 18% climbing ability with a full load, and the ability to start on a half slope while maintaining a travel speed of $\geq 2\text{km/h}$.

Features

In-house battery, motor & controller

- Over 50 years of German expertise in electric forklift truck software programming
- Electric integration efficiency improved by up to 28%
- Full load climbing ability is 18%
- Li-ION battery with a heating system supports normal operation in temperatures as low as -20°C



Center-pivoted axle

- 180° rotation angle steering axle
- Achieves the smallest turning radius



Convenient interface

- LED SOC display bar
- Emergency endurance function
- Side charging window
- Auto sleep mode
- USB charging port
- 4,3" standard display

Linde operator's compartment

- Central lever
- Small diameter steering wheel
- Foot parking brake

Digitisation upgrade

- Remote management
- Active safety warnings
- Battery health report
- Vehicle and battery efficiency analysis
- Vehicle information board



High-quality Li-ION battery

- German Li-ION development procedure ensures the best quality
- 34 high-standard test programs ensure battery safety
- Accurate battery management for a longer lifespan

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Linde Material Handling

Linde

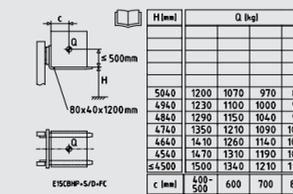
Technical Data

		LINDE					
		E15CBHP-01	E18CBHP-01	E20CBHP-01			
Characteristics	1.1	Manufacturer			LINDE	LINDE	LINDE
	1.2	Model designation			E15CBHP-01	E18CBHP-01	E20CBHP-01
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas			Battery	Battery	Battery
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker			Seated	Seated	Seated
	1.5	Rated capacity/rated load	Q (t)		1.5	1.8	2
	1.6	Load centre distance	c (mm)		500	500	500
	1.7	Load distance, centre of drive axle to fork	x (mm)		360	360	360
	1.8	Wheelbase	y (mm)		1340	1340	1370
Weights	2.1	Service weight	kg		2980	3300	3500
	2.2	Axle loading, laden front/rear	kg		3945/535	4470/630	4790/710
	2.3	Axle loading, unladen front/rear	kg		1465/1515	1480/1820	1500/2000
Wheels	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane			PN	PN	PN
	3.2	Tyre size, front			18*7-8		200/50-10
	3.3	Tyre size, rear			15*4 1/2 - 8		140/55-9
	3.4	Wheels, number front/rear (x=driven wheels)			2X /2		2X /2
	3.5	Tread, front	b10 (mm)		948		978
	3.6	Tread, rear	b11 (mm)		216		220
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)		6/7		6/7
	4.2	Height of mast, lowered	h1 (mm)		2050		2050
	4.3	Free lift	h2 (mm)		150		150
	4.4	Lift	h3 (mm)		3000		3000
	4.5	Height of mast, extended	h4 (mm)		4040		4040
	4.6	Height of overhead guard (cabin)	h6 (mm)		2130		2130
	4.7	Height of seat/stand-on platform	h7 (mm)		1130		1130
	4.8	Coupling height	h10 (mm)		590		590
	4.9	Overall length	l1 (mm)		2928		2928
	4.10	Length to face of forks	l2 (mm)		1928		1965
	4.11	Overall width	b1 / b2 (mm)		1120		1180
	4.12	Fork dimensions ISO 2331	sxexl (mm)		40x100x1000		40x100x1000
	4.13	Fork carriage to ISO 2338, class/type A, B			2A		2A
	4.14	Fork-carriage width	b3 (mm)		1040		1040
	4.15	Ground clearance, laden, below mast	m1 (mm)		90		96
	4.16	Ground clearance, centre of wheelbase	m2 (mm)		100		100
	4.17	Aisle width with pallet 1000x1200 across forks	Ast (mm)		3251		3296
	4.18	Aisle width with pallet 800x1200 along forks	Ast (mm)		3375		3420
	4.19	Turning radius	Wa (mm)		1565		1610
Performances	5.1	Travel speed, laden/unladen	km/h		16/16		16/16
	5.2	Lift speed, laden/unladen	m/s		0.40/0.55		0.32/0.50
	5.3	Lowering speed, lade/unladen	m/s		0.45/0.46		0.42/0.46
	5.4	Max. drawbar pull, laden/unladen	N		11600/8200		11400/8600
	5.5	Max. gradeability, laden/unladen	%		18/20		18/20
	5.6	Acceleration time, laden/unladen	s		5.8/5.2		6.4/5.5
Drive	6.1	Service brake			Electric/hydr.		Electric/hydr.
	6.2	Drive motor rating S2 60 min	kW		4.6X2		4.6X2
	6.3	Lift motor rating at S3 15%	kW		11.5		11.5
	6.4	Battery voltage/nominal capacity K5	V/Ah		80V/205Ah		80V/205Ah
	6.5	Battery weight (E)	kg		200		200
Others	7.1	Operating pressure for attachments	bar		150		170
	7.2	Oil flow for attachments	l/min		22		22
	7.3	Sound pressure level at the driver's seat	dB(A)		68		68

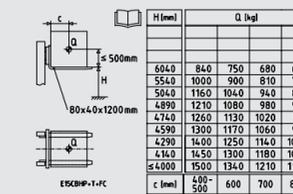
Figures for standard version may vary when options equipment is fitted

Lifting Capacity Diagram for Standard/Duplex Mast/ Triplex Mast with Standard Fork Carriage

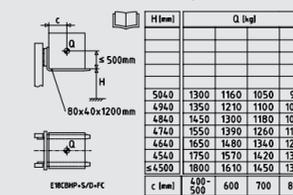
E15 CBHP-01 Standard, Duplex mast



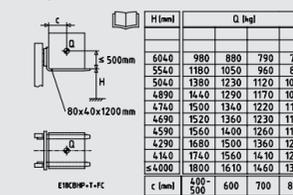
Triplex mast



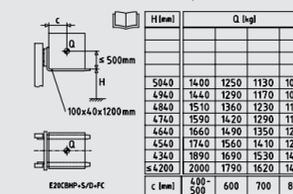
E18 CBHP-01 Standard, Duplex mast



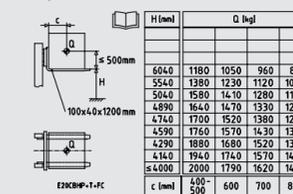
Triplex mast



E20 CBHP-01 Standard, Duplex mast



Triplex mast



Mast Datasheet (in: mm)

Standard masts (mm)	E15CBHP-01, E18CBHP-01, E20CBHP-01
Lift height (1.5/1.8/2t)	h3 3000 3500 4000 4500 5000
Retracted height (1.5/1.8/2t)	h1 2050 2300 2550 2800 3100
Free lift (With LBR) (1.5/1.8/2t)	h2 150 150 150 150 150
Free lift (Without LBR) (1.5/1.8/2t)	h2 150 150 150 150 150
Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4 4040 4540 5040 5540 6040
Height of overall at max. lift (Without LBR) (1.5t)	h4 3511 4011 4511 5011 5511
Height of overall at max. lift (Without LBR) (1.8/2t)	h4 3651 4151 4651 5151 5651

Duplex masts (mm)	E15CBHP-01, E18CBHP-01, E20CBHP-01
Lift height (1.5/1.8/2t)	h3 3000 3500 4000
Retracted height (1.5/1.8/2t)	h1 2015 2265 2515
Free lift (With LBR) (1.5/1.8/2t)	h2 990 1240 1490
Free lift (Without LBR) (1.5t)	h2 1525 1775 2025
Free lift (Without LBR) (1.8/2t)	h2 1385 1635 1885
Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4 4040 4540 5040
Height of overall at max. lift (Without LBR) (1.5t)	h4 3511 4011 4511
Height of overall at max. lift (Without LBR) (1.8/2t)	h4 3651 4151 4651

Triplex masts (mm)	E15CBHP-01, E18CBHP-01, E20CBHP-01
Lift height (1.5/1.8/2t)	h3 4100 4250 4550 4700 4800 5000 5500 6000
Retracted height (1.5/1.8/2t)	h1 1965 2015 2115 2165 2215 2265 2515 2765
Free lift (With LBR) (1.5/1.8/2t)	h2 940 990 1090 1140 1190 1240 1490 1740
Free lift (Without LBR) (1.5t)	h2 1475 1525 1625 1675 1725 1775 2025 2275
Free lift (Without LBR) (1.8/2t)	h2 1335 1385 1485 1535 1585 1635 1885 2135
Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4 5140 5290 5590 5740 5890 6040 6540 7040
Height of overall at max. lift (Without LBR) (1.5t)	h4 4611 4761 5061 5211 5361 5511 6011 6511
Height of overall at max. lift (Without LBR) (1.8/2t)	h4 4751 4901 5201 5351 5501 5651 6151 6651