

Standard and Optional Equipment

Standard Equipment

- Linde Digital Controller
- Import brand motors
- Linde Li-ION battery
- Import gear pump
- Integrated steering axle
- Integrated U type drive axle
- Fork loading cushion
- Fork backrest
- 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
- LED SOC display bar
- Side charge port
- 80V 228Ah Li-ION battery
- 80V 100A high frequency charger
- 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
- Pneumatic tires
- Smartlink2.0 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

E15BHP-01, E18BHP-01, E20PBHP-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.

Digital & Intelligent Management

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

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.

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 ≥2km/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

Digitisation upgrade

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



Integrated U type drive axle

- Compact chassis
- Smaller turning radius and aisle width
- Wet brake offer more sensitivity



Convenient interface

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



High-quality Li-ION battery

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

Linde clear-view mast

- Superb visibility through slim-profile mast
- Full load capacity up to maximum lift
- High residual capacity

Linde operator's compartment

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

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Linde Material Handling

Linde

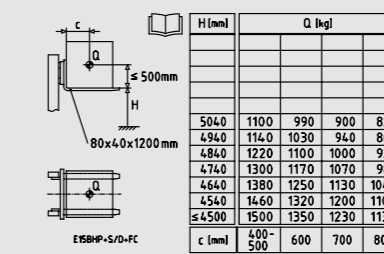
Technical Data

Characteristics	LINDE		LINDE		LINDE	
	E15 BHP-01		E18 BHP-01		E20 PBHP-01	
1.1	Manufacturer		LINDE		LINDE	
1.3	Model designation		E15 BHP-01		E18 BHP-01	
1.4	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric (Li-ion)		Electric (Li-ion)	
1.5	Operator type: hand, pedestrian, standing, seated, order-picker		Seated		Seated	
1.6	Rated capacity/rated load	Q (t)	1.5	1.8	2	
1.7	Load centre distance	c (mm)	500	500	500	
1.8	Load distance, centre of drive axle to fork	x (mm)	425	425	425	
1.9	Wheelbase	y (mm)	1405	1405	1405	
Weights	2.1	Service weight	kg	2950	3236	3415
	2.2	Axle loading, laden front/rear	kg	3925/524	4416/613	4734/681
	2.3	Axle loading, unladen front/rear	kg	1438/1512	1431/1804	1417/1998
Wheels	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane	Pneumatic		Pneumatic	
	3.2	Tyre size, front	6.50-10/14PR		6.50-10/14PR	
	3.3	Tyre size, rear	5.00-8/10PR		5.00-8/10PR	
	3.5	Wheels, number front/rear (x=driven wheels)	2X /2		2X /2	
	3.6	Tread, front	b10 (mm)	938	938	997
	3.7	Tread, rear	b11 (mm)	900	900	900
	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	6/10	6/10	6/10
Dimensions	4.2	Height of mast, lowered	h1 (mm)	2068	2068	2062
	4.3	Free lift	h2 (mm)	150	150	150
	4.4	Lift	h3 (mm)	3000	3000	3000
	4.5	Height of mast, extended	h4 (mm)	4040	4040	4040
	4.7	Height of overhead guard (cabin)	h6 (mm)	2150	2150	2150
	4.8	Height of seat/stand-on platform	h7 (mm)	1169	1169	1169
	4.81	Coupling height	h10 (mm)	645	645	645
	4.12	Overall length	l1 (mm)	3153	3153	3228
	4.19	Length to face of forks	l2 (mm)	2153	2153	2228
	4.20	Overall width	b1 / b2 (mm)	1120	1120	1220
	4.21	Fork dimensions ISO 2331	sxexl (mm)	40x100x1000	40x100x1000	40x100x1000
	4.22	Fork carriage to ISO 2338, class/type A, B		2A	2A	2A
	4.23	Fork-carriage width	b3 (mm)	1040	1040	1040
	4.24	Ground clearance, laden, below mast	m1 (mm)	100	100	100
	4.31	Ground clearance, centre of wheelbase	m2 (mm)	120	120	120
4.32	Aisle width with pallet 1000x1200 across forks	Ast (mm)	3495	3495	3595	
4.33	Aisle width with pallet 800x1200 along forks	Ast (mm)	3695	3695	3795	
4.34	Turning radius	Wa (mm)	1870	1870	1970	
4.35	Minimum pivoting point distance	b13 (mm)	536	536	536	
Performances	5.1	Travel speed, laden/unladen	km/h	15/15	15/15	15/15
	5.2	Lift speed, laden/unladen	m/s	0.38/0.57	0.38/0.57	0.31/0.47
	5.3	Lowering speed, laden/unladen	m/s	0.43/0.47	0.44/0.47	0.35/0.49
	5.4	Max. drawbar pull, laden/unladen	N	11600/7100	11500/6900	11600/6500
	5.5	Max. gradeability, laden/unladen	%	18/20	18/20	18/20
	5.6	Acceleration time, laden/unladen	s	5.8/5.1	6.0/5.3	6.2/5.5
Drive	6.1	Service brake	Mechanical hydraulic		Mechanical hydraulic	
	6.2	Drive motor rating S2 60 min	kW		10.2	
	6.3	Lift motor rating at S3 15%	kW		11.5	
	6.4	Battery voltage/nominal capacity K5	V/Ah		80V 228Ah	
	6.5	Battery weight (E)	kg		210	
Others	10.1	Operating pressure for attachments	bar		150	
	10.2	Oil flow for attachments	l/min		22	
	10.3	Sound pressure level at the driver's seat	dB(A)		66	

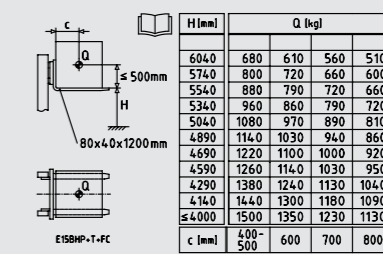
Figures for standard version may vary when options equipment is fitted

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

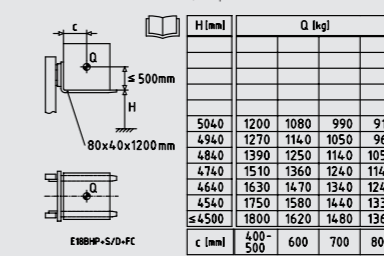
E15 BHP-01 Standard, Duplex mast



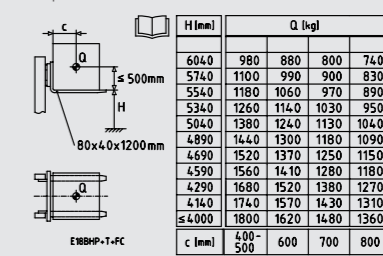
Triplex mast



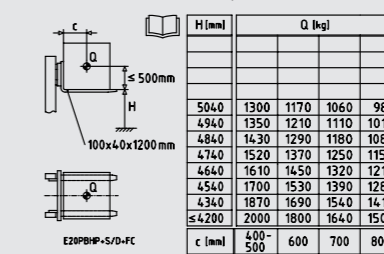
E18 BHP-01 Standard, Duplex mast



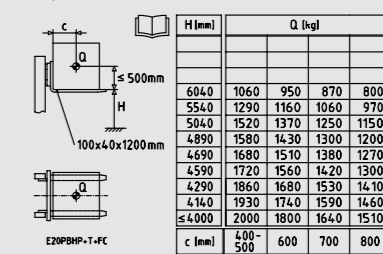
Triplex mast



E20 PBHP-01 Standard, Duplex mast



Triplex mast



Mast Datasheet (in: mm)

Standard masts (mm)	E15BHP-01, E18BHP-01, E20PBHP-01					
Lift height (1.5/1.8/2t)	h3	3000	3500	4000	4500	5000
Retracted height (1.5/1.8t)	h1	2068	2318	2568	2818	3118
Retracted height (2t)	h1	2076	2326	2576	2826	3126
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)	E15BHP-01, E18BHP-01, E20PBHP-01					
Lift height (1.5/1.8/2t)	h3	3000	3500	4000		
Retracted height (1.5/1.8t)	h1	2033	2283	2533		
Retracted height (2t)	h1	2041	2291	2541		
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	365				