

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
- Pneumatic tires
- Warp-around seat
- Seat safety switch
- Small diameter steering wheel
- Linde single pedal system
- 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

Optional Equipment

- Twin pedal
- SE tires
- Smartlink2.0 Fleet Management System
- Integrated side shifter
- Hook-on side shifter
- One, two additional hydraulic circuits for attachments
- Flashing beacon
- Blue Spot
- 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

Li-ion Truck with Compact & Flexible Design

Dedicated Li-ion truck design, smaller turning radius and aisle width, saves working space and offers better maneuverability

Digital & Intelligent Management

EMS & Smartlink 2.0 system remotely manage the fleet and battery, improve safety, repair efficiency, and vehicle utilization rate

Modular Design Easy Maintenance

Thanks to modular design, it simplifies service process and reduces 15%-20% of checking & repairing time. Configured with mobile phone accessible diagnostic App, improving troubleshooting convenience. Apply higher quality oils and filters, reducing replacement frequency and maintenance cost

Three Electric Component Integration for Efficiency & Reliability

Li-ion battery, motor & controller are developed by Linde, which is specially designed for industrial vehicles, with better integration, higher efficiency and better safety, effectively save energy and reduce maintenance cost

Surging Power Flexible Operation

With over 50 years of German experience in electric forklift truck software programming. Short acceleration time to achieve fast direction change; 18% climbing ability with full load, start at half slope and keep ≥2km/h travel speed

Features

In-house battery, motor & controller

- Over 50 years of German experience in electric forklift truck software programming
- Electric Integration efficiency improved up to 28%
- Full loaded climbing degree is 18%
- Li-ion battery with heating system support normal used in -20°C



Integrated U type drive axle

- Compact chassis
- Smaller turning radius and aisle width
- Wet brake are more sensitive

Linde clear-view mast

- Superb visibility through slim-profile
- Sections of mast full load capacity up to maximum lift
- High residual capacity

Digitization upgrade

- Remote manage
- Active safety warning
- Battery health report
- Vehicle & battery efficiency analysis
- Vehicle information board



Convenient interface

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



High standard Li-ion battery, safe & reliable

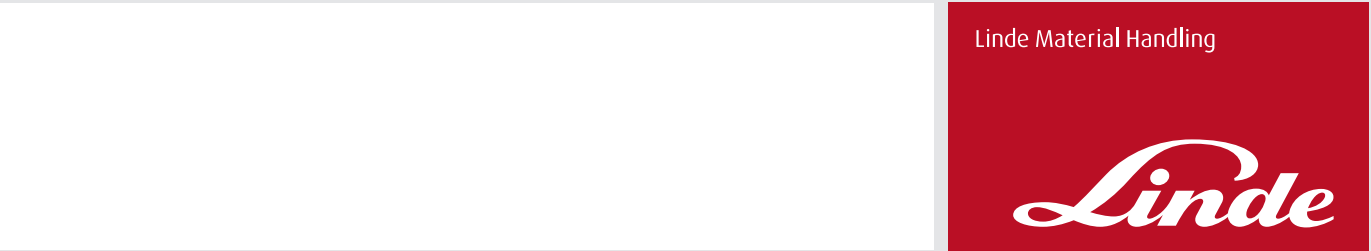
- German lean Li-ion development procedure ensure best quality
- 34 high standard test program ensure battery safety
- Accurate battery management for longer lifespan

Linde operator's compartment

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

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

1292\_E15BHP-01, E18BHP-01, E20PBHP-01\_D-01\_202306

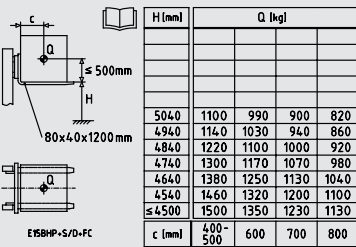


Technical Data

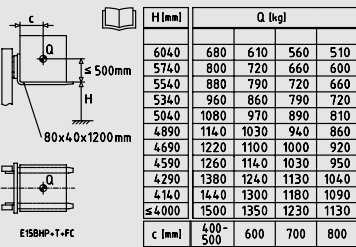
Characteristics	1.1	Manufacturer		LINDE	LINDE	LINDE
	1.3	Model designation		E15 BHP-01	E18 BHP-01	E20 PBHP-01
	1.4	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Electric (Li-ion)	Electric (Li-ion)	Electric (Li-ion)
	1.5	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	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
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	Pneumatic
	3.2	Tyre size, front		6.50-10/14PR	6.50-10/14PR	23X9-10 PR
	3.3	Tyre size, rear		5.00-8/10PR	5.00-8/10PR	5.00-8/10PR
	3.5	Wheels, number front/rear (x=driven wheels)		2X /2	2X /2	2X /2
	3.6	Tread, front	b10 (mm)	938	938	997
	3.7	Tread, rear	b11 (mm)	900	900	900
		Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	6/10
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, lade/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	Mechanical hydraulic
	6.2	Drive motor rating S2 60 min	kW	10.2	10.2	10.2
	6.3	Lift motor rating at S3 15%	kW	11.5	11.5	11.5
	6.4	Battery voltage/nominal capacity K5	V/Ah	80V 228Ah	80V 228Ah	80V 228Ah
	6.5	Battery weight (E)	kg	210	210	210
Others	10.1	Operating pressure for attachments	bar	150	170	185
	10.2	Oil flow for attachments	l/min	22	22	22
	10.3	Sound pressure level at the driver's seat	dB(A)	66	66	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

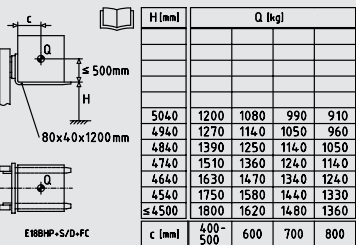
E15 BHP-01 Standard, Duplex mast



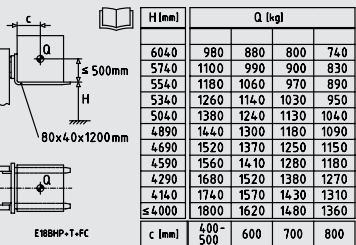
Triplex mast



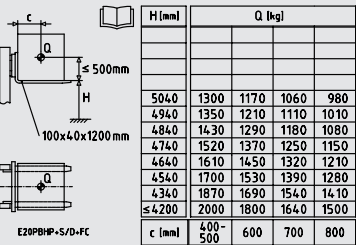
E18 BHP-01 Standard, Duplex mast



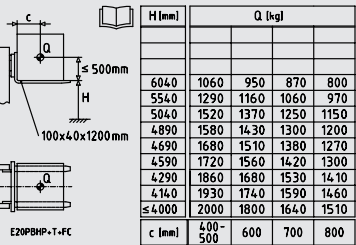
Triplex mast



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	3651	4151	4651		

Triplex masts (mm)		E15BHP-01, E18BHP-01, E20PBHP-01				
Lift height (1.5/1.8/2t)	h3	4100	4550	5000	5500	6000
Retracted height (1.5/1.8t)	h1	1983	2133	2283	2533	2783
Retracted height (2t)	h1	1991	2141	2291	2541	2791
Free lift (With LBR) (1.5/1.8/2t)	h2	940	1090	1240	1490	1740
Free lift (Without LBR) (1.5t)	h2	1475	1625	1775	2025	2275
Free lift (Without LBR) (1.8/2t)	h2	1335	1485	1635	1885	2135
Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4	5140	5590	6040	6540	7040
Height of overall at max. lift (Without LBR) (1.5t)	h4	4611	5061	5511	6011	6511
Height of overall at max. lift (Without LBR) (1.8/2t)	h4	4751	5201	5651	6151	6651