

Standard and Optional Equipment

Standard Equipment

- Linde digital controller
- German brand motors
- Linde Li-ion battery
- German gear pump
- Integrated steering axle
- Fork landing cushion
- Load 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 window
- 80V277Ah Li-ion Battery
- 80V100A high frequency charger

Optional Equipment

- Twin pedal
- SE tires
- Integrated side shifter
- Hook-on side shifter
- One, two additional hydraulic circuits for attachments
- Flashing beacon
- Blue Spot
- 80V200A high frequency charger

Other Options Available on Request



New Energy Counterbalance Forklift Truck

CAPACITY 2000, 2500 kg
E20BHP-01, E25BHP-01 1293

Dedicated 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

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

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

Accurate & Reliable In-house BMS

In-house BMS with better hardware parameters: 80 millisecond high-speed data transmission & higher detection accuracy. Better battery management prolonging the battery life cycle

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

- With 50 years of German experience in electric forklift truck software programming
- Electric Integration efficiency improved up to 28%
- 18% climbing ability with full load
- Li-ion battery with heating system support normal used in -20℃



Dedicated Li-ion Truck

- Compact chassis
- Smaller turning radius and aisle width

Mast with Superior Visibility

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



Convenient Interface

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

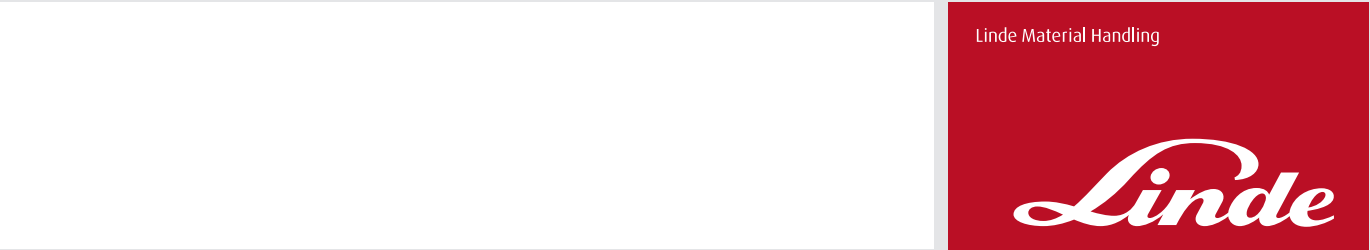


High standard Li-ion battery, safe & reliable

- 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

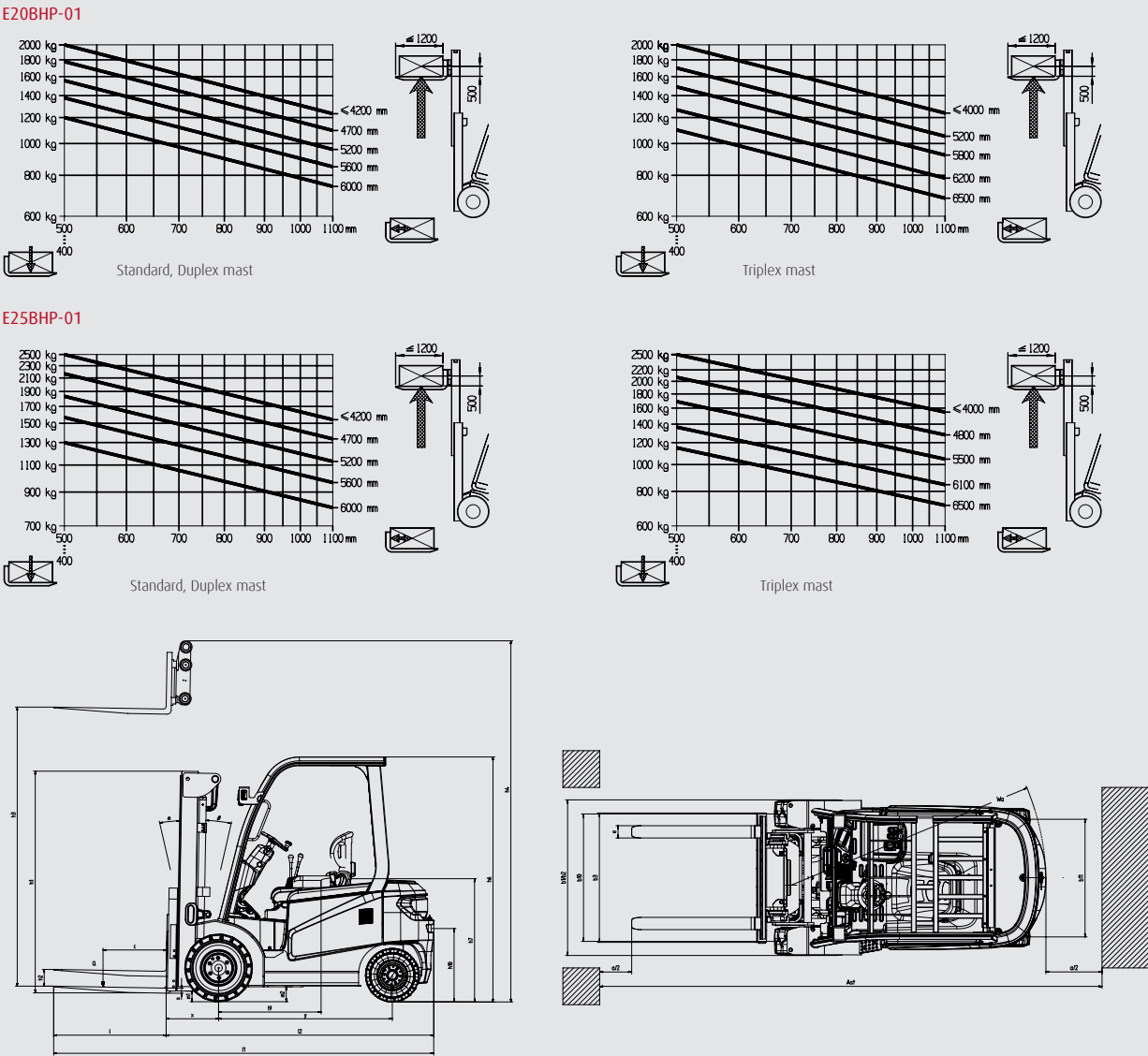


Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments.

Technical Data

Characteristics	1.1	Manufacturer		LINDE	LINDE
	1.2	Model designation		E20BHP-01	E25BHP-01
	1.3	Drive: electric (battery type, mains, ...), diesel, petrol, fuel gas		Li-ion	Li-ion
	1.4	Operator type: hand, pedestrian, standing, seated, order-picker		Seated	Seated
	1.5	Rated capacity/rated load	Q (t)	2	2.5
	1.6	Load centre distance	c (mm)	500	500
	1.7	Load distance, centre of drive axle to fork	x (mm)	464	464
	1.8	Wheelbase	y (mm)	1455	1455
Weights	2.1	Service weight	kg	3484	3904
	2.2	Axle loading, laden front/rear	kg	4814/670	5607/797
	2.3	Axle loading, unladen front/rear	kg	1489/1995	1451/2453
Wheels	3.1	Tyres: solid rubber, superelastic, pneumatic, polyurethane		pneumatic	pneumatic
	3.2	Tyre size, front		23X9-10	23X9-10
	3.3	Tyre size, rear		18x7-8	18x7-8
	3.5	Wheels, number front/rear (x=driven wheels)		2X /2	2X /2
	3.6	Tread, front	b10 (mm)	1040	1040
Dimensions	3.7	Tread, rear	b11 (mm)	950	950
	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	6/10	6/10
	4.2	Height of mast, lowered	h1 (mm)	2070	2068
	4.3	Free lift	h2 (mm)	150	150
	4.4	Lift	h3 (mm)	3000	3000
	4.5	Height of mast, extended	h4 (mm)	3995	3995
	4.7	Height of overhead guard (cabin)	h6 (mm)	2150	2150
	4.8	Height of seat/stand-on platform	h7 (mm)	1166	1166
	4.81	Coupling height	h10 (mm)	660	660
	4.12	Overall length	l1 (mm)	3320	3320
	4.19	Length to face of forks	l2 (mm)	2320	2320
	4.20	Overall width	b1/b2 (mm)	1265	1265
	4.21	Fork dimensions ISO 2331	sxexl (mm)	45x100x1000	45x100x1000
	4.22	Fork carriage to ISO 2338, class/type A, B		2A	2A
	4.23	Fork-carriage width	b3 (mm)	1040	1040
	4.24	Ground clearance, laden, below mast	m1 (mm)	106	102
	4.31	Ground clearance, centre of wheelbase	m2 (mm)	120	120
	4.32	Aisle width with pallet 1000x1200 across forks	Ast (mm)	3660	3660
	4.33	Aisle width with pallet 800x1200 along forks	Ast (mm)	3860	3860
	4.34	Turning radius	Wa (mm)	1996	1996
	4.35	Minimum pivoting point distance	b13 (mm)	553	553
Performances	5.0	Travel speed, laden/unladen	km/h	15/15	15/15
	5.1	Lift speed, laden/unladen	m/s	0.33/0.45	0.28/0.45
	5.2	Lowering speed, lade/unladen	m/s	0.43/0.47	0.43/0.47
	5.3	Max. drawbar pull, laden/unladen	N	11900/7100	11700/7800
	5.6	Max. gradeability, laden/unladen	%	18/20	18/20
	5.8	Acceleration time, laden/unladen	s	6.0/5.5	6.3/5.5
Drive	5.9	Service brake		Mechanical hydraulic	Mechanical hydraulic
	6.1	Drive motor rating S2 60 min	kW	10.2	10.2
	6.2	Lift motor rating at S3 15%	kW	11.5	11.5
	6.3	Battery according to DIN 43531/35/36 A, B, C, no		DIN 43536 A	DIN 43536 A
	6.4	Battery voltage/nominal capacity K5	V/Ah	80/277	80/277
	6.5	Battery weight (E)	kg	230	230
Others	10.1	Operating pressure for attachments	bar	145	170
	10.2	Oil flow for attachments	l/min	24	24
	10.3	Sound pressure level at the driver's seat	dB (A)	65	65
	Figures for standard version may vary when options equipment is fitted				

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



Mast Datasheet (in: mm)

Standard masts (mm)		E20BHP-01, E25BHP-01							
Lift height	h3	3000	3300	3500	3600	4000	4500	5000	5500
Retracted height	h1	2070	2220	2320	2370	2620	2870	3120	3420
Free lift	h2	150	150	150	150	150	150	150	150
Height of overall at max. lift	h4	4045	4345	4545	4645	5045	5545	6045	6545
Duplex masts (mm)		E20BHP-01, E25BHP-01							
Lift height	h3	3000	3300	3500	4000	4500			
Retracted height (Height of mast, lowered)	h1	2036	2186	2286	2586	2836			
Free lift	h2	1385	1535	1635	1935	2185			
Height overall at max. lift	h4	4045	4345	4545	5045	5545			
Triplex masts (mm)		E20BHP-01, E25BHP-01							
Lift height	h3	4100	4550	4650	5000	5250	5500	6000	6500
Retracted height (Height of mast, lowered)	h1	1986	2186	2186	2336	2486	2586	2836	3036
Free lift	h2	1335	1535	1535	1685	1835	1935	2185	2385
Height overall at max. lift	h4	5145	5595	5695	6045	6295	6545	7045	7545