

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
- PN 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
- E-bar LED display
- Side-port charge
- 80V 228Ah Li-ion battery
- 80V 100A high frequency charger
- Turning Auto-deceleration
- Back handle with horn button

Optional Equipment

- Twin pedal
- Cold Store Protect
- Smartlink 2.0 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
- Fork backrest

Other Options Available on Request



New Energy Counterbalance Forklift Truck

CAPACITY 1500, 1800, 2000 kg  
E15CBHP-01, E18CBHP-01, E20CBHP-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

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

- 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

Digitization Upgrade

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



Center-pivoted Axle

- 180° rotation angle steering axle
- Can realize 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

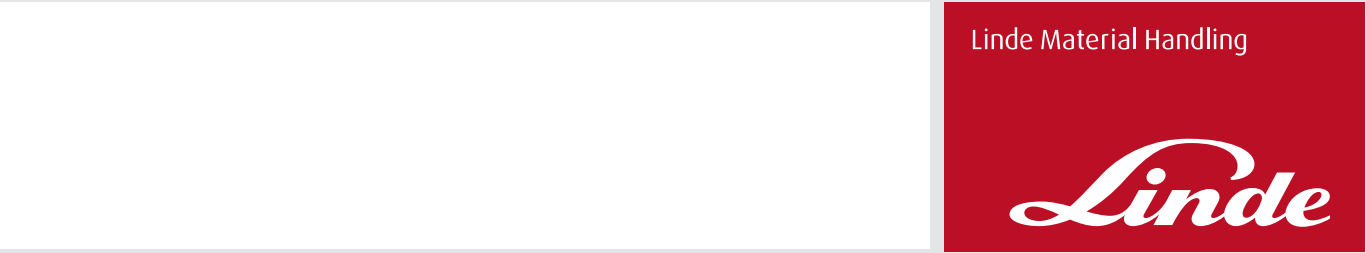
High standard Li-ion battery, safe & reliable

- 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

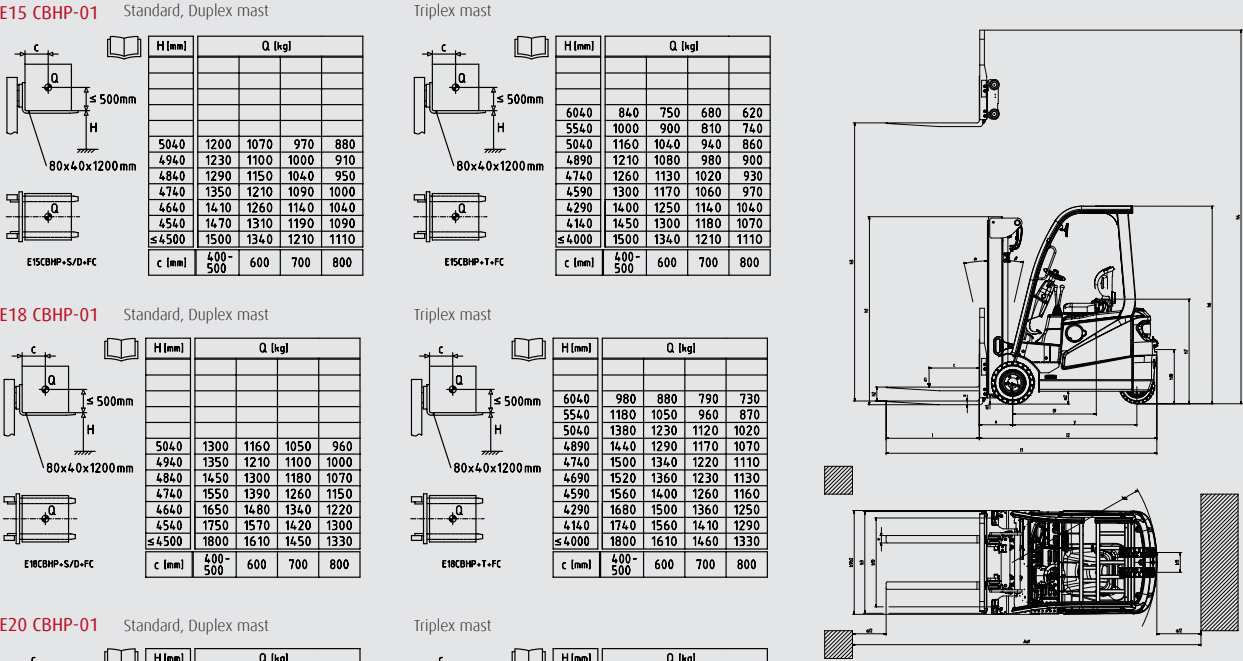
\*Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments.\*



Technical Data

Characteristics	1.1	Manufacturer		LINDE	LINDE	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	200/50-10
	3.3	Tyre size, rear		15*4 1/2 - 8	140/55-9	16*6-8
	3.4	Wheels, number front/rear (x=driven wheels)		2X /2	2X /2	
	3.5	Tread, front	b10 (mm)	948	978	978
	3.6	Tread, rear	b11 (mm)	216	220	220
Dimensions	4.1	Tilt of mast/fork carriage forward/backward	a/b (°)	6/7	6/7	6/7
	4.2	Height of mast, lowered	h1 (mm)	2050	2050	2050
	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
	4.6	Height of overhead guard (cabin)	h6 (mm)	2130	2130	2130
	4.7	Height of seat/stand-on platform	h7 (mm)	1130	1130	1130
	4.8	Coupling height	h10 (mm)	590	590	590
	4.9	Overall length	l1 (mm)	2928	2928	2965
	4.10	Length to face of forks	l2 (mm)	1928	1928	1965
	4.11	Overall width	b1 / b2 (mm)	1120	1180	1180
	4.12	Fork dimensions ISO 2331	sxexl (mm)	40x100x1000	40x100x1000	40x100x1000
	4.13	Fork carriage to ISO 2338, class/type A, B		2A	2A	2A
	4.14	Fork-carriage width	b3 (mm)	1040	1040	1040
	4.15	Ground clearance, laden, below mast	m1 (mm)	90	96	96
	4.16	Ground clearance, centre of wheelbase	m2 (mm)	100	100	100
	4.17	Aisle width with pallet 1000x1200 across forks	Ast (mm)	3251	3251	3296
	4.18	Aisle width with pallet 800x1200 along forks	Ast (mm)	3375	3375	3420
	4.19	Turning radius	Wa (mm)	1565	1565	1610
Performances	5.1	Travel speed, laden/unladen	km/h	16/16	16/16	16/16
	5.2	Lift speed, laden/unladen	m/s	0.40/0.55	0.40/0.55	0.32/0.50
	5.3	Lowering speed, lade/unladen	m/s	0.45/0.46	0.42/0.50	0.42/0.46
	5.4	Max. drawbar pull, laden/unladen	N	11600/8200	11400/8600	11300/8800
	5.5	Max. gradeability, laden/unladen	%	18/20	18/20	18/20
	5.6	Acceleration time, laden/unladen	s	5.8/5.2	6.1/5.3	6.4/5.5
Drive	6.1	Service brake		Electric/hydr.	Electric/hydr.	Electric/hydr.
	6.2	Drive motor rating S2 60 min	kW	4.6X2	4.6X2	4.6X2
	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/205Ah	80V/205Ah	80V/205Ah
	6.5	Battery weight (E)	kg	200	200	200
Others	7.1	Operating pressure for attachments	bar	150	170	185
	7.2	Oil flow for attachments	l/min	22	22	22
	7.3	Sound pressure level at the driver's seat	dB(A)	68	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



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 (1.5/1.8t/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. liftth (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 (1.5/1.8t/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. liftth (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
Retracted height (1.5/1.8t/2t)	h1	1965	2015	2115	2165	2215	2265
Free lift (With LBR) (1.5/1.8/2t)	h2	940	990	1090	1140	1190	1240
Free lift (Without LBR) (1.5t)	h2	1475	1525	1625	1675	1725	1775
Free lift (Without LBR) (1.8/2t)	h2	1335	1385	1485	1535	1585	1635
Height of overall at max. lift (With LBR) (1.5/1.8/2t)	h4	5140	5290	5590	5740	5890	6040
Height of overall at max. lift (Without LBR) (1.5t)	h4	4611	4761	5061	5211	5361	5511
Height of overall at max. liftth (Without LBR) (1.8/2t)	h4	4751	4901	5201	5351	5501	5651