

Standard and Optional Equipment

Standard Equipment

- Linde twin pedals system
- Linde joystick integrated in armrest
- 2×11kW maintenance-free AC drive motors
- 25 kW AC maintenance free lift motor
- Automatic parking brake
- Curve speed control
- Linde dual motor drive
- Full suspension inflatable comfort seat
- Adjustable steering column

Optional Equipment

- Container OHG
- Single drive pedal
- Integrated side shifter
- Hock-on Side shifter
- Alternative fork lengths
- Internal rear-view mirror
- One, two additional hydraulic circuits for attachments
- Flashing beacon
- Rotating beacon
- Battery changing jib



Other Options Available on Request



Electrical Forklift Trucks

CAPACITY 4000, 4500, 5000 kg
E40/E45/E50 1287

Reliability

Standard equipped with German original drive axle, integrated 2x 11kw AC full AC motors, stable performance and strong power. The steering axle imported from Germany, with its integrated swing structure, makes the steering flexible, stable and precise.

Performance

Linde digital controller and Linde joystick control system, through the voltage signal control valve opening, similar to stepless speed change, to achieve accurate control of the mast and attachments movement.

Comfort

Comfortable armrest and joystick, only one finger can control mast lifting and lowering, which improves working efficiency and reduces

driver fatigue. Twin pedal system, no need to shift, operates more easily.

Stability

High stability of the truck, the mast is made of European imported steel, reliable in quality, good in strength and high in lost load. The maximum mast lifting height can be up to 6.7 meters

Safety

EFSB automatic electronic parking system. High standards of Linde process requirements and high quality materials to ensure safe and stable operation. Optimized overhead guard design, passed drop test, provides a safer driving environment.

Features

Integrated twin motor drive axle

- Powerful twin AC drive motors (2x11kW)
- Robust drive axle structure, better heat dissipation heavy-load capability

Linde digital controller

- Accurate control, low energy consumption, low failure rate
- Three power settings meet different work conditions



Auto parking system

- Automatic parking without manual operation, safer
- Reduce fatigue and disoperation



Linde twin pedal system

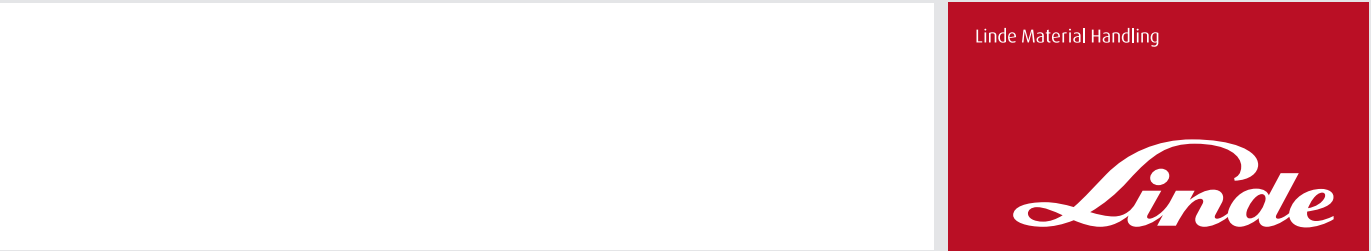
- Seamless, rapid reversing without repositioning the feet
- Short pedal travel distance, fatigue-free
- High efficiency



Linde Load Control

- Central joystick integrated in an adjustable armrest
- Precise and effortless central control of all mast functions
- Safe and highly efficient material handling

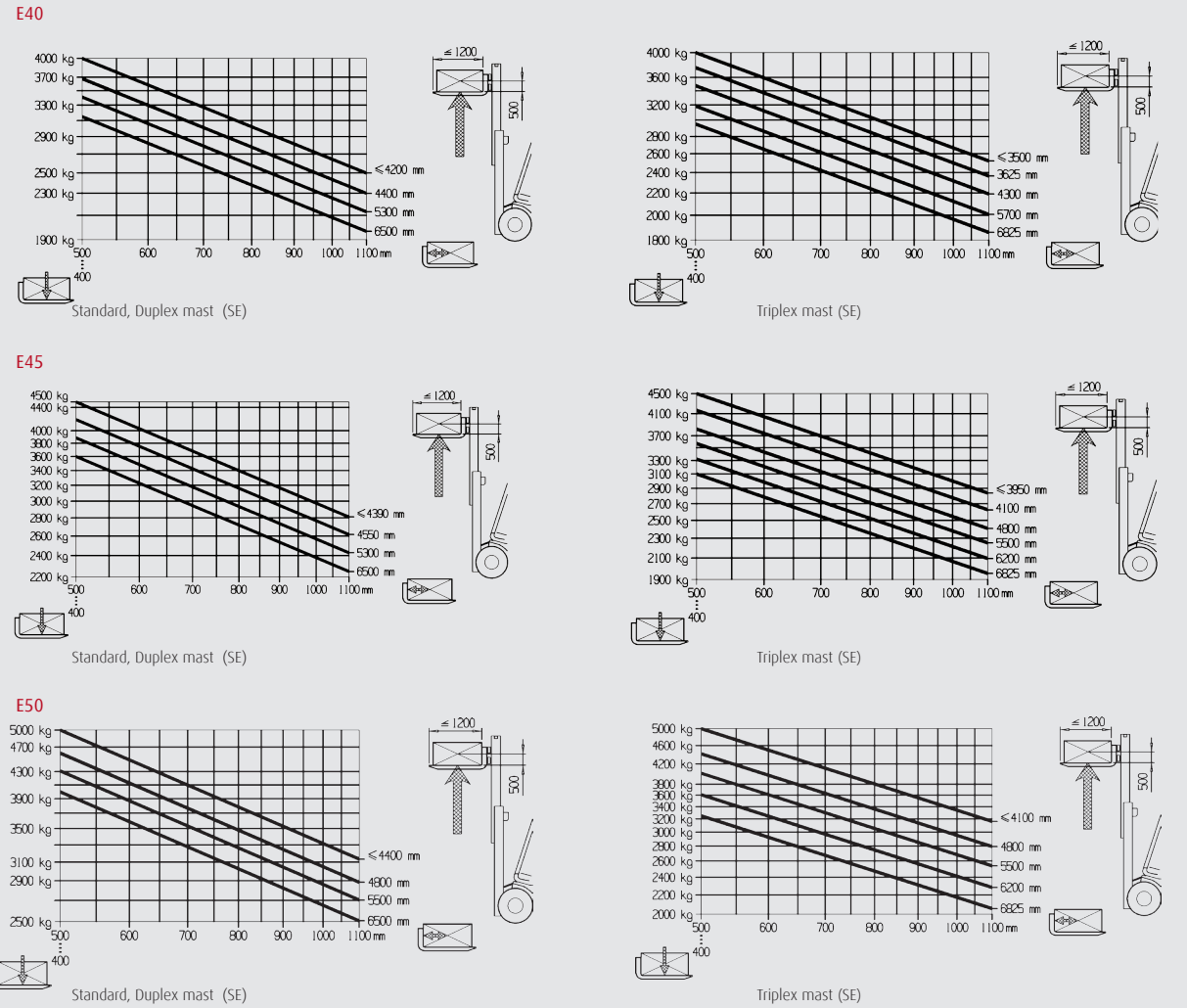
"Subject to modification in the interests of progress, illustration and technical details not binding for actual constructions and may show the optional equipments."



Technical Data

Characteristics	1.1	Manufacturer		Linde	Linde	Linde
	1.2	Model designation		E40	E45	E50
	1.3	Power unit		Battery	Battery	Battery
	1.4	Operation		Seated	Seated	Seated
	1.5	Load capacity	Q (t)	4	4.5	5
	1.6	Load center	c (mm)	500	500	500
	1.8	Axle center to fork face	x (mm)	500	500	510
	1.9	Wheelbase	y (mm)	2050	2050	2050
	2.1	Service weight	kg	6235	6630	7030
Weights	2.2	Axle load with load, front/rear	kg	9440/825	10200/935	10980/1045
	2.3	Axle load without load, front/rear	kg	3400/2835	3430/3200	3490/3540
Wheels	3.1	Tyre: SE=(superelastic), P=(pneumatic)		SE	SE	SE
	3.2	Tyre size, front		SE 355/50-15	SE 355/50-15	SE 355/50-15
	3.3	Tyre size, rear		SE 23x9-10	SE 23x9-10	SE 23x9-10
	3.5	Wheels, number front/rear (X=drive)		2x / 2	2x / 2	2x / 2
	3.6	Track width, front	b10 (mm)	1154	1154	1154
	3.7	Track width, rear	b11 (mm)	945	945	945
Dimensions	4.1	Mast tilt, forward/backward	α/β (°)	6/8.5	6/8.5	6/8.5
	4.2	Height of mast, lowered	h1 (mm)	2379	2379	2379
	4.3	Free lift	h2 (mm)	150	150	150
	4.4	Lift	h3 (mm)	3150	3150	3150
	4.5	Height of mast, extended	h4 (mm)	4014	4014	4014
	4.7	Height of overhead guard (cabin)	h6 (mm)	2369	2369	2369
	4.8	Height of drive platform	h7 (mm)	1291	1291	1291
	4.12	Tow coupling height	h10 (mm)	720	720	720
	4.19	Overall length	l1 (mm)	3886	3886	3896
	4.20	Length to fork face	l2 (mm)	2886	2886	2896
	4.21	Overall width	b1 (mm)	1450	1450	1450
	4.22	Fork dimensions, s/e/l (mm)		50x150x1000	50x150x1000	60x150x1000
	4.23	Fork carriage to DIN 15 173, Class/Form A, B		3A	3A	3A
	4.24	Width of fork carriage	b3 (mm)	1350	1350	1350
	4.31	Ground clearance with load, mast	m1 (mm)	128	128	128
	4.32	Ground clearance with load, center of wheelbase	m2 (mm)	144	144	144
	4.33	Aisle width with pallet 1000 x 1200mm across forks	Ast (mm)	4272	4272	4281
	4.34	Aisle width with pallet 800 x 1200mm along forks	Ast (mm)	4472	4472	4481
	4.35	Turning radius	Wa (mm)	2572	2572	2572
	4.36	Minimum pivoting point distance	b13 (mm)	736	736	736
Performances	5.1	Travel speed, with/without load	km/h	18/18	18/18	18/18
	5.2	Lifting speed, with/without load	m/s	0.45/0.46	0.4/0.46	0.37/0.46
	5.3	Lowering speed, with/without load	m/s	0.55/0.63	0.54/0.63	0.53/0.63
	5.5	Tractive force, with/without load	N	6400/6700	6800/7300	6700/7300
	5.8	Climbing ability, with/without load	%	17/25	16/25	15/25
	5.9	Acceleration time with/without load (first 15m)	s	5.9/5.7	6.0/5.8	6.1/5.8
	5.10	Service brake		Electric/hydr.	Electric/hydr.	Electric/hydr.
Drive	6.1	Drive motor hour rating (60 minutes rating)	kW	2x11	2x11	2x11
	6.2	Lift motor 15% rating	kW	25	25	25
	6.3	Battery according to DIN 43531/35/36/ A,B,C,NO		43536A	43536A	43536A
	6.4	Battery voltage/capacity (5hours)	V/Ah	80/700	80/700	80/700
	6.5	Battery weight (±5%)	Kg	1863	1863	1863
Others	8.1	Type of drive control		Microprocessor.	Microprocessor.	Microprocessor.
	8.2	Working pressure for attachments	bar	240	260	280
	8.3	Hydraulic oil flux	l/min	45	45	45
	8.4	Noise level at driver's ear	dB	72	72	72
	Figures for standard version may vary when options equipment is fitted 1) Data for standard mast					

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



Mast Datasheet (Unit: mm)

Standard masts (mm)		E40/E45/E50							
Lift height	h3	3150	3650	3950	4450	4950	5050	5450	
Retracted height	h1	2379	2629	2779	3029	3279	3329	3529	
Free lift	h2	150	150	150	150	150	150	150	
Height of overall at max. lift	h4	4014	4514	4814	5314	5814	5914	6314	
Duplex masts (mm)		E40/E45/E50							
Lift height	h3	2750	2850	3650	4350				
Retracted height (Height of mast, lowered)	h1	2104	2154	2554	2904				
Free lift	h2	1240	1290	1690	2040				
Height overall at max. lift	h4	3614	3714	4514	5214				
Triplex masts (mm)		E40/E45/E50							
Lift height	h3	4075	4525						
Retracted height (Height of mast, lowered)	h1	2174	2324						
Free lift	h2	1290	1440						
Height overall at max. lift	h4	4939	5389						