



Pictures top: Container version
 Pictures middle: Beverage version
 Pictures bottom: Container version, CNG version, Beverage version

Standard Equipment/Optional Equipment

Standard Equipment

- Linde twin drive pedals to control forward/reverse travel and braking
- Original Linde Load Control integrated in armrest
- Hydraulic suspended comfort-class seat with extensive range of adjustment
- Hydrostatic steering, kickback free
- High safety and stability ensured by Linde ProtectorFrame
- Anti-glare display with fuel gauge, clock, hour meter and service information
- Control lights on display for engine oil pressure, engine overheating, parking brake, audible warning signal for engine and hydraulic oil temperature, blocked intake filter and low fuel level
- Plenty of storage space for writing utensils, beverage cans...
- Air intake filter with integrated cyclone separator
- High-performance hydraulic filter concept, guarantees maximum oil purity and extends life of all hydraulic components
- LPG truck fitted with a two-way catalytic converter
- The mounting of the gas bottle is ergonomically designed for easy changing

Optional Equipment

- Single drive pedal with direction selector on armrest
- Overhead guard can be upgraded to full cabine with roof, front and rear screens and doors (also available with tinted glass)
- Wiper-washers for front, rear and roof screens
- Further seats with additional comfort and adjustments
- Cab heater with integrated pollen filter
- Air Conditioning
- Radio with CD-player and speakers
- Sun screens, clipboard, interior lighting, height adjustable steering column
- Standard masts from 3,150 mm to 6,550 mm lift
- Duplex masts (full free lift) from 3,165 mm to 4,765 mm lift
- Triplex masts (full free lift) from 4,705 mm to 6,455 mm lift
- Integrated sideshift
- Integrated fork positioner
- Load backrest
- One or two auxiliary hydraulic circuits for all mast types

- LPG truck fitted with accurate ultrasonic fuel level indicator for exchange bottles
- LPG volumetric fuel tank version with fuel level indicator at the display
- Superelastic tyres

New STANDARD features for the Evo models:

- Variable displacement pump for best energy consumption
- Integrated diesel particulate filter for EU models with 55 kW
- New seat/armrest generation for outstanding ergonomics
- LEPS (Linde-Engine-Protection-System) as monitoring of motor oil pressure and level, temperature and level of the cooling water and temperature of the hydraulic oil
- Curve Assist for automatic speed adaption
- Intelligent drive dynamic modi now integrate lift hydraulic
- New development timing belt protection
- Enhanced steering axle
- Handhold for safe access at A-pillar

- Alternative fork lengths
- Tilt cylinder- and roof protection
- Truck lighting, working lamps
- Audible reversing alarm, flasher and strobe beacons
- Mirrors
- Linde original Blue Spot
- Camera and colour monitor
- Road traffic specifications
- Air precleaner
- Oilbath air precleaner
- Water trap with audible warning
- Volumetric tank (LPG) with capacities of 45 l or 55 l
- 3-way catalytic converter (LPG)
- Unregulated catalyst (Diesel)
- CNG (natural gas) version
- Linde Forklift Data Management
- Custom paintwork

Other options available on request



Diesel, LPG and CNG Forklift Trucks
 Capacity 4000 - 5000 kg
 H40/500 *EVO*, H45/500 *EVO*,
 H50/500 *EVO*, H50/600 *EVO* 394_02



Safety

Linde ProtectorFrame: The protective overhead guard and its supporting frame together form a strong protective zone providing optimum safety and protection for the operator. Top-mounted tilt cylinders provide seamless and smooth control of the tilt movements for excellent load stability in all operating conditions. This unique design also enables slimmer mast profiles to be fitted for outstanding visibility.

Performance

Low consumption and exhaust level and nevertheless this truck range continues to impress with its excellent performance. Advanced engine and drive technology combined with the original Linde Load Control system enables the operator to use the trucks vast potential to maximise productivity. Precise fingertip control of all mast functions.

Comfort

Step in relaxed, leave again relaxed. Linde brings to this forklift a generously sized automobile-class workspace. A perfect interface between operator and truck has been achieved with the Linde ergonomic design concept. The spacious cab, comfort-class seat with adjustable armrest and intuitive controls allow fast and stress-free working.

Features

- Original Linde hydrostatic drive**
- Sensitive, smooth, and precise driving
- Variable displacement pump for best energy consumption
- No clutch, no differential, and no drum brakes thanks to hydrostatic direct drive
- Robust drive even in extreme environments

- Linde ProtectorFrame**
- Enclosed, robot-welded chassis for maximum durability and protection of components
- A hinged engine cover and service panels give easy and wide access for maintenance
- Hand grip on A-pillar for safe on/off access

- Linde twin accelerator pedals**
- Fast and smooth travel direction changes without constantly moving feet from one pedal to the other
- Short pedal travel
- No strain on ankles or legs
- Operator maintains high efficiency levels

- Linde Load Control**
- Mini levers for all mast functions mounted on an adjustable armrest
- Precise and effortless fingertip control of all mast functions for safe, efficient load handling
- Engine rpm is automatically synchronised to precisely match hydraulic demands

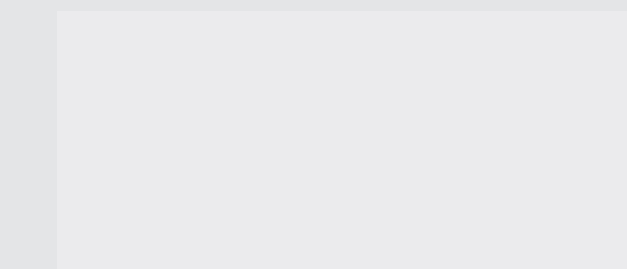
- High-economy engine technology**
- Modern, advanced technology Diesel, LPG and CNG engines matched to Linde's demanding requirements
- High torque for impressive and flexible performance
- Extremely fuel efficient
- Exhaust emissions significantly below the approved European limits



- Linde operator compartment**
- Advanced functional design for optimum operator comfort and efficiency
- Superb working environment with spacious leg and headroom
- Excellent visibility of the load and surrounding environment through slim-line profile mast sections
- Resilient mounting of mast and drive axle absorbs road shocks and vibrations
- Quiet, stress-free working

- Variable displacement pump**
- For most functions and additional hydraulic circuits
- Electrically controlled by Linde Load Control levers
- The Linde pump only provides the required oil volume
- Lower fuel consumption
- Less noise
- Extended oil change intervals

- Linde clear-view mast**
- Superb visibility through the slim profile mast sections
- Full load capacity available up to maximum lift height
- Excellent residual capacities
- Maintenance-free resilient rubber mounting of mast/drive axle and tilt jacks
- Electronic control of tilt angle
- Electronic cushioning of end travel for forward/back tilt



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Subject to modification in the interest of progress. Illustrations and technical details could include options and not binding for actual constructions. All dimensions subject to usual tolerances.

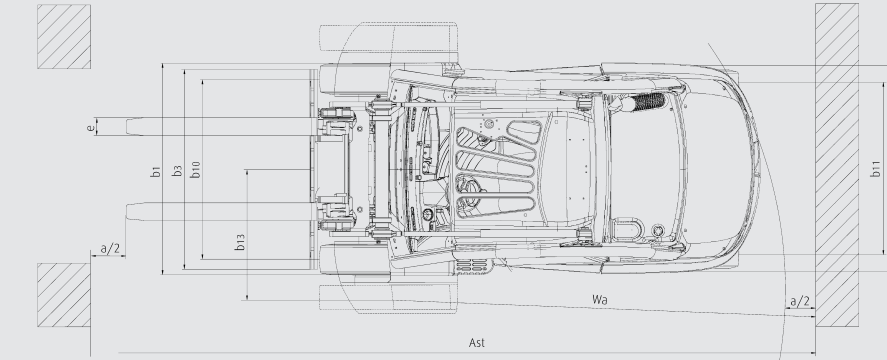
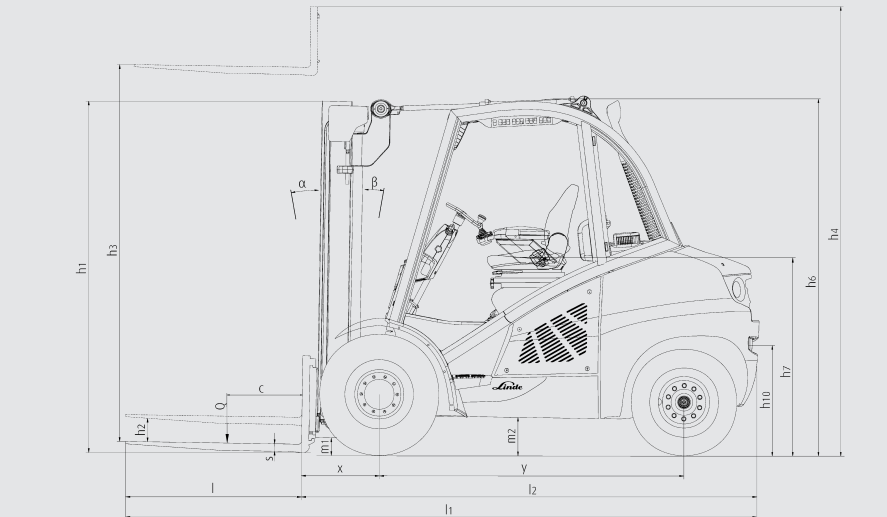
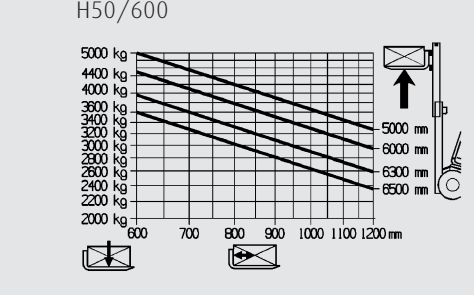
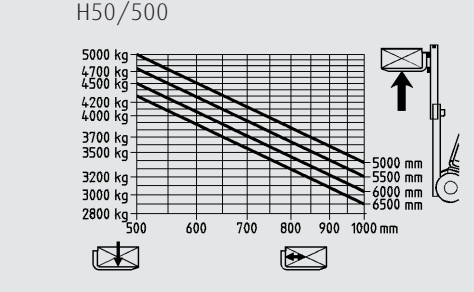
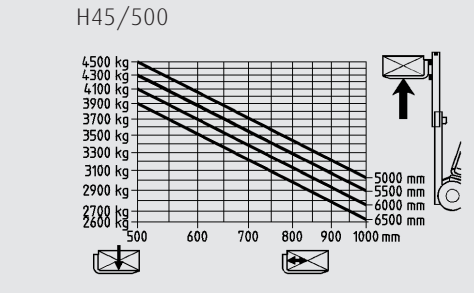
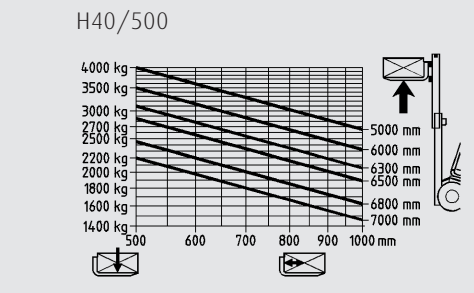
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Technical Data according to VDI 2198

Characteristics	Linde Forklift Models														
	1.1	1.2	1.2a	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3	2.3		
Manufacturer	LINDE														
Model designation	H40D H45D H50/500D H50/600D H40T H45T H50/500T H50/600T H50/500D-Container ¹⁾ H50/500D Raised Cab ²⁾ H50/500 CNG ³⁾														
Series	394-02														
Power unit	Diesel			Diesel			LPG			Diesel			CNG		
Operation	Seat														
Load capacity	Q (t)														
Load centre	c (mm)														
Axle centre to fork face	x (mm)														
Wheelbase	y (mm)														
Service weight	(kg)														
Axle load with load, front/rear	(kg)														
Axle load without load, front/rear	(kg)														
Tyres rubber, SE, pneumatic, polyurethane	SE														
Tyre size, front	250/70-15 (250-15) 315/70-15 (300-15) 315/70-15 (300-15) 315/70-15 (300-15) 250/70-15 (250-15) 315/70-15 (300-15) 315/70-15 (300-15) 315/70-15 (300-15) 355/45-15 (28x12.5-15) 315/70-15 (300-15) 315/70-15 (300-15)														
Tyre size, rear	250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15) 250/70-15 (250-15)														
Wheels, number front/rear (x = driven)	2x / 2														
Track width, front	b10 (mm)														
Track width, rear	b11 (mm)														
Mast/fork carriage tilt, forward/backward	a/b (°)														
Height of mast, lowered	h1 (mm)														
Free lift	h2 (mm)														
Lift	h3 (mm)														
Height of mast, extended	h4 (mm)														
Height of overhead guard (cabin)	h6 (mm)														
Height of seat/stand-on platform	h7 (mm)														
Towing coupling height	h10 (mm)														
Overall length	l1 (mm)														
Length to fork face	l2 (mm)														
Overall width	b1/b2 (mm)														
Fork dimensions	s/e/l (mm)														
Fork carriage to ISO 2328, class/type A, B	3A														
Width of fork carriage	b3 (mm)														
Ground clearance, below mast	m1 (mm)														
Ground clearance, centre of wheelbase	m2 (mm)														
Aisle width with pallet 1000 x 1200 across forks	Ast (mm)														
Aisle width with pallet 800 x 1200 along forks	Ast (mm)														
Turning radius	Wa (mm)														
Minimum pivoting point distance	b13 (mm)														
Travel speed, with/without load	(km/h)														
Lifting speed, with/without load	(m/s)														
Lowering speed, with/without load	(m/s)														
Tractive force, with/without load	(N)														
Climbing ability, with/without load	(%)														
Acceleration time, with/without load	(s)														
Service brake	hydrostatic														
Engine manufacturer/type	VW CPYA														
Engine performance according to ISO 1585	(kW)														
Rated speed	(1/min)														
Number of cylinders/displacement	(-/cm3)														
Fuel consumption according to VDI cycle	(l/h)														
Fuel consumption according to VDI cycle	(kg/h)														
Fuel consumption according to VDI cycle	(m3/h)														
Type of drive control	LTC														
Operating pressure for attachments	(bar)														
Oil flow for attachments	(l/min)														
Noise level at operator's ear	(dB(A))														
Towing coupling, design/type, DIN 15 170	similar to form H														

1) Technical specifications for LPG version or other tonnage like H40/45 on request
 2) Technical specifications for LPG version upon request
 3) Technical specifications for H40/45 on request
 4) Lift height and equipment can alter rear mast tilt angle
 5) With 150 mm free lift on standard mast
 6) Including a 200 mm (min.) operating aisle clearance.
 7) (H)= high quality, (L)= low quality

Lifting capacity diagrams



Overall height and lift height Standard mast (in mm)									
Lift	h3	3000	3100	3200	3700	4100	4400	5000	
Mast retracted	h1	H40	2370	2420	-	2720	2920	3070	3370
	h1	H45 - H50	2421	2471	-	2771	2971	3121	3421
	h1	H50/600	-	-	2620	2870	3070	3220	3520
Mast extended	h4	H40	3795	3895	-	4495	4895	5195	5795
	h4	H45 - H50	3916	4016	-	4616	5016	5316	5916
	h4	H50/600	-	-	4216	4716	5116	5416	6016
Free lift	h2	H40 - H50	150	150	150	150	150	150	150

Overall height and lift height Duplex mast (in mm)									
Lift	h3	3030	3130	3730	4130	-	-	-	
Mast retracted	h1	H40	2325	2375	2675	2875	-	-	-
	h1	H45 - H50	2376	2426	2726	2926	-	-	-
	h1	H50/600	3794	3894	4494	4894	-	-	-
Mast extended	h4	H40	3946	4046	4646	5046	-	-	-
	h4	H45 - H50	3946	4046	4646	5046	-	-	-
Free lift	h2	H40	1561	1611	1911	2111	-	-	-
	h2	H45 - H50	1460	1510	1810	2010	-	-	-

Overall height and lift height Triplex mast (in mm)									
Lift	h3	4225	4525	4615	4675	5065	5365	5565	5865
Mast retracted	h1	H40	-	2325	-	2375	-	2625	-
	h1	H45 - H50	-	2376	-	2426	-	2676	-
	h1	H50/600	2376	-	2526	-	2676	-	2876
Mast extended	h4	H40	-	5286	-	5436	-	6126	-
	h4	H45 - H50	-	5441	-	5591	-	6281	-
	h4	H50/600	5241	-	5631	-	6081	-	6581
Free lift	h2	H40	-	1564	-	1614	-	1864	-
	h2	H45 - H50	-	1460	-	1510	-	1760	-
	h2	H50/600	1360	-	1510	-	1660	-	1860

Figures in mm
 Alternative lift heights available on request