



Pictures top: Beverage application
 Pictures middle: Beverage version
 Pictures bottom: CNG version

Standard Equipment/Optional Equipment

Standard Equipment

Linde twin drive pedals to control forward/reverse travel and braking
 Linde Load Control integrated in armrest
 Suspended comfort-class seat, hydraulically damped, with extensive range of adjustment
 Adjustable-angle steering wheel
 Low-effort, responsive and virtually play-free hydrostatic steering
 High safety and stability ensured by Linde ProtectorFrame
 Anti-glare display including fuel gauge, clock, hour meter and servicing 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 integral cyclone separator
 High-performance hydraulic filter concept, preserves maximum oil purity and extends life of all hydraulic components

Optional Equipment

Single drive pedal with direction selector positioned 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
 Seats providing additional comfort and adjustments
 Cab heater with integral pollen filter
 Air conditioning
 Radio with CD-player and speakers
 Roof shade, clipboard, interior lighting, height-adjusting steering column, 12 V-socket
 Standard masts from 3,150mm to 6,550 mm lift
 Duplex masts (full free lift) from 3,165mm to 4,765 mm lift
 Triplex masts (full free lift) from 4,705mm to 6,455 mm lift
 Integrated sideshift
 Integrated fork positioner
 Load backrest
 One or two auxiliary hydraulic circuits for all mast types
 Alternative fork lengths
 Truck lighting, work lamps
 Audible reversing alarm, flasher and strobe beacons
 Mirrors
 Camera and colour monitor
 Highway specifications

Superelastic tyres
 LPG truck fitted with two-way catalytic converter and the gas cylinder mount is ergonomically designed for easy changing
 LPG truck is fitted with accurate ultrasonic fuel level indicator for exchange cylinders
 LPG volumetric fuel tank version has a fuel level indicator in the display consul

Mast

Standard mast lift height h3 = 3,050mm
 Top-mounted tilt jacks
 Zero-maintenance mast and tilt jack cylinder mounting
 Rubber-mounted joints
 Electronic tilt angle limiting
 Fork length l = 1,000mm
 Fork carriage width b3 = 1,150mm

Tilt cylinder- and roof protection
 Integral diesel particulate filter with charge status indicator on the display consul
 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 (LFM)
 Custom paintwork

Other options available on request



Safety

Linde ProtectorFrame: The protective overhead guard and its supporting frame form together 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.

Diesel, LPG and CNG Forklift Trucks
 Capacity 2500 – 3500 kg
 H25, H30, H35
 SERIES 393



Features

Original Linde hydrostatic drive

- Linde hydrostatic direct drive
- With no differential or conventional service brake
- Hydrostatic drive provides smooth progressive, hydrostatic operational braking as accelerator pedal is released
- Well proven durability and reliability in the toughest of applications
- A low-maintenance system for long life and maximum uptime

Linde twin drive pedals

- Rapid and smooth travel direction changes without having to constantly move feet to and from the brake pedal
- Short pedal strokes
- No strain on the ankles or legs
- Operator maintains high efficiency levels

Linde ProtectorFrame

- Enclosed, robot-welded chassis for maximum durability and protection of components
- A tilting engine cover and service panels give easy and wide access for maintenance routines



Linde Load Control

- Small tactile joystick integrated in 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's compartment

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



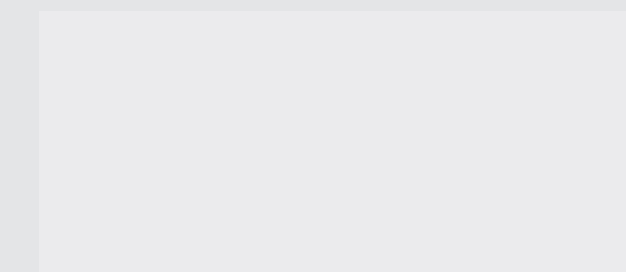
Linde Truck Control

- Intelligent electronic Linde Truck Control (LTC)
- Enables performance parameters to be matched to application
- Consistently high reliability due to dual circuitry of all monitoring systems
- Fully protected within sealed aluminium enclosure against ingress of dust or moisture
- Automatic control of engine rpm to precisely match hydraulic demand



Linde clear-view mast

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



Technical Data according to VDI 2198

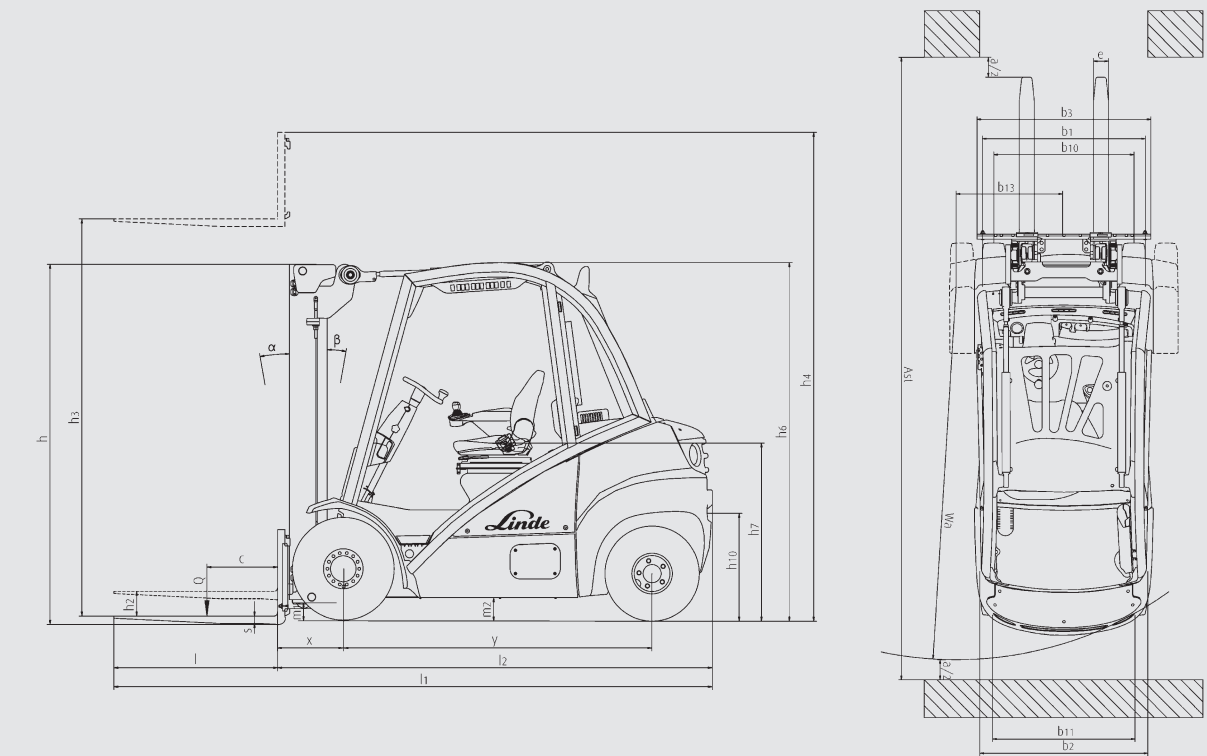
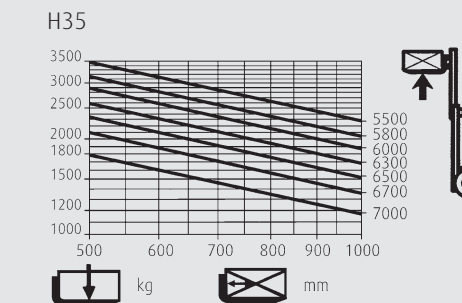
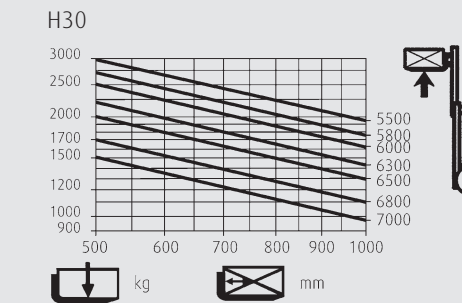
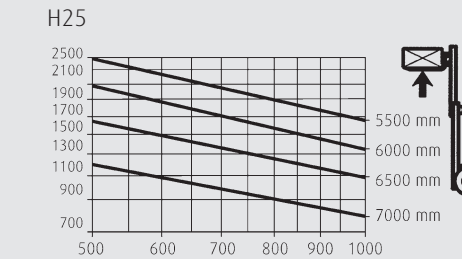
Characteristics	Model										
	1.1	1.2	1.3	1.4	1.5	1.6	1.8	1.9	2.1	2.2	2.3
Manufacturer	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE
Model designation	H25D	H30D	H35D	H25T	H30T	H35T	H35D Raised Cab ¹⁾	H25 CNG	CNG	H30 CNG	H30 CNG
Power unit	Diesel	Diesel	LPG	Diesel	Diesel	LPG	Diesel	CNG	CNG	CNG	CNG
Operation	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat	Seat
Load capacity	Q (t)	2.5	3.0	3.5	2.5	3.0	3.5	2.5	3.0	3.0	3.0
Load centre	c (mm)	500	500	500	500	500	500	500	500	500	500
Axle centre to fork face	x (mm)	445	445	450	445	445	450	445	445	445	445
Wheelbase	y (mm)	1905	1930	1965	1905	1930	1965	1905	1905	1930	1930
Service weight	(kg)	3870	4220	4680	3850	4200	4860	3850	4200	4200	4200
Axle load with load, front/rear	(kg)	5670 / 700	6419 / 801	7242 / 938	5630 / 720	6379 / 821	7207 / 958	7352 / 1008	5630 / 720	6379 / 821	6379 / 821
Axle load without load, front/rear	(kg)	1930 / 1940	1950 / 2270	2050 / 2630	1890 / 1960	1910 / 2290	2015 / 2650	2160 / 2700	1890 / 1960	1910 / 2290	1910 / 2290
Tyres rubber, SE, pneumatic, polyurethane	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾	SE ²⁾
Tyre size, front		250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾	250/75-12 ³⁾
Tyre size, rear		225/75-10	225/75-10	225/75-10	225/75-10	225/75-10	225/75-10	225/75-10	225/75-10	225/75-10	225/75-10
Wheels, number front/rear (x = driven)		2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾	2x (4x) / 2 ⁴⁾
Track width, front	b10 (mm)	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008
Track width, rear	b11 (mm)	932	932	932	932	932	932	932	932	932	932
Mast/fork carriage tilt, forward/backward	a/b (°)	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0	5.0 / 8.0
Height of mast, lowered	h1 (mm)	2264	2264	2264	2264	2264	2264	2264	2264	2264	2264
Free lift	h2 (mm)	150	150	150	150	150	150	150	150	150	150
Lift	h3 (mm)	3050	3050	3050	3050	3050	3050	3950	3050	3050	3050
Height of mast, extended	h4 (mm)	3840	3840	3840	3840	3840	3840	4740	3923	3923	3923
Height of overhead guard (cabin)	h6 (mm)	2210	2210	2210	2210	2210	2210	2630	2210	2210	2210
Height of seat/stand-on platform	h7 (mm)	1105	1105	1105	1105	1105	1105	1525	1105	1105	1105
Towing coupling height	h10 (mm)	698	698	698	698	698	698	698	698	698	698
Overall length	l1 (mm)	3727	3755	3795	3727	3755	3795	3795	3727	3755	3755
Length to fork face	l2 (mm)	2727	2755	2795	2727	2755	2795	2795	2727	2755	2755
Overall width	b1/b2 (mm)	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾	1256 ⁵⁾
Fork dimensions	s/e/l (mm)	45 x 100 x 1000	45 x 100 x 1000	50 x 120 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000	50 x 120 x 1000	45 x 100 x 1000	45 x 100 x 1000	45 x 100 x 1000
Fork carriage to ISO 2328, class/type A, B		2A	3A	3A	2A	3A	3A	3A	2A	3A	3A
Width of fork carriage	b3 (mm)	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾	1150 ⁶⁾
Ground clearance, below mast	m1 (mm)	119	119	119	119	119	119	119	119	119	119
Ground clearance, centre of wheelbase	m2 (mm)	173	173	173	173	173	173	173	173	173	173
Aisle width with pallet 1000 x 1200 across forks	Ast (mm)	4065 ⁷⁾	4089 ⁷⁾	4126 ⁷⁾	4065 ⁷⁾	4089 ⁷⁾	4126 ⁷⁾	4126 ⁷⁾	4065 ⁷⁾	4089 ⁷⁾	4089 ⁷⁾
Aisle width with pallet 800 x 1200 along forks	Ast (mm)	4265 ⁷⁾	4289 ⁷⁾	4326 ⁷⁾	4265 ⁷⁾	4289 ⁷⁾	4326 ⁷⁾	4326 ⁷⁾	4265 ⁷⁾	4289 ⁷⁾	4289 ⁷⁾
Turning radius	Wa (mm)	2420	2444	2476	2420	2444	2476	2476	2420	2444	2444
Minimum pivoting point distance	b13 (mm)	580	580	580	580	580	580	580	580	580	580
Travel speed, with/without load	(km/h)	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22	22 / 22
Lifting speed, with/without load	(m/s)	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48	0.47 / 0.48
Lowering speed, with/without load	(m/s)	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54	0.52 / 0.54
Tractive force, with/without load	(N)	19790 / 15150	19790 / 15300	19790 / 16090	20030 / 15150	19790 / 14990	19790 / 15810	19790 / 16090	20030 / 15150	19790 / 14990	19790 / 14990
Climbing ability, with/without load	(%)	32.0 / 33.0	27.0 / 30.0	24.0 / 28.0	32.0 / 33.0	27.0 / 30.0	23.0 / 28.0	23.0 / 29.0	32.0 / 33.0	27.0 / 30.0	27.0 / 30.0
Acceleration time, with/without load	(s)	5.6 / 4.8	5.7 / 4.9	6.0 / 5.2	5.7 / 4.9	6.1 / 5.3	5.7 / 4.9	6.0 / 5.2	5.6 / 4.8	5.7 / 4.9	6.1 / 5.3
Service brake		hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic	hydrostatic
Engine manufacturer/type		VW CBHA	VW CBHA	VW CBHA	VW BEF	VW BEF	VW BEF	VW CBHA	VW CBS	VW CBS	VW CBS
Engine performance according to ISO 1585	(kW)	44	44	44	39	39	39	44	37	37	37
Rated speed	(1/min)	2800	2800	2800	2600	2600	2600	2800	2600	2600	2600
Number of cylinders/displacement	(-/cm ³)	4 / 1968	4 / 1968	4 / 1968	4 / 1984	4 / 1984	4 / 1984	4 / 1984	4 / 1984	4 / 1984	4 / 1984
Fuel consumption according to VDI cycle	(l/h)	3.1	3.3	3.5	-	-	-	3.5	-	-	-
Fuel consumption according to VDI cycle	(kg/h)	-	-	-	2.8	2.9	3.1	-	-	-	-
Fuel consumption according to VDI cycle	(m ³ /h)	-	-	-	-	-	-	-	4.1 (H); 4.4 (L) ⁸⁾	4.3 (H); 4.65 (L) ⁸⁾	-
Type of drive control		hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.	hydrost./stepl.
Operating pressure for attachments	(bar)	170	170	170	170	170	170	170	170	170	170
Oil flow for attachments	(l/min)	38	38	38	38	38	38	38	38	38	38
Noise level at operator's ear	(dB(A))	77.0	77.0	77.0	77.0	77.0	77.0	77.0	76.0	76.0	76.0
Towing coupling, design/type, DIN 15 170		similar to form H	similar to form H	similar to form H	similar to form H	similar to form H	similar to form H	similar to form H	similar to form H	similar to form H	similar to form H

1) Technical specifications for LPG version or other tonnage like H25/35 on request
 2) Alternative pneumatic tyres
 3) 27x10-12, alternative pneumatic tyres, twin tyres 7.00-12 or SE 28x12,5-15
 4) Figures in parenthesis refer to twin front tyres.
 5) With SE twin tyres = 1611 mm

6) Alternative with SE twin tyres = 1600 mm
 7) Including a 200 mm (min.) operating aisle clearance.
 8) Natural gas

Lifting capacity diagrams

Lifting capacity diagrams valid with SE-Tyres



Overall height and lift heights, Standard (in mm)							
Height of Mast, lowered	h1	2264	2414	2564	2714	2964	3214
Free lift	h2	150	150	150	150	150	150
Lift	h3	3050	3350	3650	3950	4450	4950
Height of Mast, extended	h4	3840	4140	4440	4740	5240	5740
Overall height and lift heights, Duplex (in mm)							
Height of Mast, lowered	h1	2190	2490	2640	-	-	-
Free lift	h2	1424	1724	1874	-	-	-
Lift	h3	3115	3715	4015	-	-	-
Height of Mast, extended	h4	3905	4505	4805	-	-	-
Overall height and lift heights, Triplex (in mm)							
Height of Mast, lowered	h1	2191	2241	2491	2641	2841	-
Free lift	h2	1424	1474	1724	1874	2074	-
Lift	h3	4655	4805	5505	5955	6455	-
Height of Mast, extended	h4	5445	5595	6295	6745	7245	-

Alternative lift heights available on request.