



Diesel and LPG Forklift Trucks
Capacity 5000, 6000 and 7000 lb
H25D/T, H30D/T, and H35D/T

SERIES 393

Safety

This truck features the exclusive Linde ProtectorFrame overhead guard and frame system that offers unparalleled protection for the driver. The top mounted tilt cylinders allow for a mast design which maximizes all-around visibility.

Performance

Advanced engine and drive technology combined with the original Linde Load Control system enable the operator to utilize the truck's vast potential for greatest possible productivity. The exclusive Linde dual pedal travel control allows smooth directional changes and precise maneuvering, even in the tightest areas.

Comfort

A comfortable operator is a productive and safe operator. That's why the 393 series trucks are designed to the latest ergonomic standards. A multitude of features such as the armrest, full suspension seat, ample foot room, and an adjustable steering column, are all part of a comprehensive effort to keep the operator comfortable and secure.



Low Maintenance & Reliability

Exclusive features like Linde hydrostatic drive, neoprene mounting of axles, and mast & tilt cylinders, all contribute extensively to low maintenance. The longest maintenance intervals in the industry are just one result of applied know-how and engineering. Even in the harshest applications this truck series offers a proven combination of reliability and durability resulting in long service life.

Standard and optional equipment

Standard equipment:

Linde dual pedal travel control

Linde Load Control (LLC)

High comfort, fully adjustable suspension seat

Tilt steering column

Low effort power steering

Linde operator protector frame

Load backrest (LBR)

Comprehensive, anti-glare display

Overhead tilt cylinders

High-performance hydraulic filters

Zero maintenance mast and tilt cylinder mounting

3-way regulated catalytic converter (LPG engine)

Options:

Single pedal travel control

Simplex, duplex and triplex masts and carriages

Hang-on sideshifter

Various special fork sizes

Integrated sideshifter

Additional hydraulic functions

Tilt memory

Variety of operator cabs

Cab heater, defroster

Air conditioning

Cab protection kits

Additional lighting

BU alarm

Mirrors

Special packages; recycling, foundry, etc

Tire options; twin, SE, radial

Reduced speed settings

Engine protection systems

Other options available on request

Features

Original Linde Hydrostatic drive

- Responsive, smooth and precise driving
- No differential, no service brakes, no mechanical transmission parts
- Low maintenance cost, long service life



Linde ProtectorFrame

- Safe and robust chassis
- Incorporated access areas
- Unparalleled operator protection

Linde dual travel control

- Quick directional changes
- Short pedal stroke
- Increased productivity
- Limited operator fatigue

Linde Load Control

- Accurate, safe load handling
- Effortless control of all hydraulic functions
- Traction and hydraulics operate completely independent from each other

High-efficiency engine

- Low exhaust emissions
- Low fuel consumption
- Most up-to-date engine monitoring and operating technology
- 10.5 G capacity fuel tank (diesel)



Operator compartment

- Designed to stringent ergonomic standards
- Spacious cab with generous legroom
- Outstanding all-around visibility

Linde Truck Control

- Highly reliable electronics
- Outstanding dependability due to double monitoring systems
- Easily adjustable performance parameters

Linde clear-view mast

- Superb visibility
- Exceptional residual capacity
- Electronic limiting of tilt angle

ANSI CLASSIFICATION: Standard truck meets all applicable mandatory requirements of ANSI/ISO F856.1 standards for powered industrial trucks.
NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. Linde Material Handling North America Corporation reserves the right to make improvements and changes in specification or design without notice and without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

Technical data

October 2008

Characteristics	1.1	Manufacturer		Linde	
	1.2	Model designation		H25D	H25T
	1.3	Power unit: battery, diesel, gasoline, LP gas, AC		Diesel	LPG
	1.4	Operation: manual, pedestrian, rider standing, rider seated, order picker		Seated	
	1.5	Load capacity	Q (lb)	5000	5000
	1.6	Load center	c (in)	24	24
	1.8	Load distance (center of drive axle to fork face)	x (in)	17.5	17.5
	1.9	Wheelbase	y (in)	74.9	74.9
	Weight	2.1	Service weight	(lb)	8531
2.2		Axle loading with load, front/rear	(lb)	12500 / 1543	12412 / 1587
2.3		Axle loading without load, front/rear	(lb)	4254 / 4276	4166 / 4321
Wheels & Tires	3.1	Tire type - front/rear: C (cushion), SE (cushion super elastic), P (pneumatic)		P	
	3.2	Tire size: front	(in)	27 x 10-12 ¹ / 20PR	
	3.3	Tire size: rear	(in)	23 x 9-10	
	3.5	Wheels: number front/rear (x = driven)		2 x / 2 ²	
	3.6	Track width, front	b10 (in)	39.7 ³	39.7 ³
	3.7	Track width, rear	b11 (in)	36.7	36.7
	Dimensions	4.1	Mast/fork carriage tilt: forward/back	degrees (°)	5.0 / 8.0 ⁴
4.2		Height of mast lowered	h1 (in)	See mast table	
4.3		Free lift	h2 (in)	See mast table	
4.4		Lift	h3 (in)	See mast table	
4.5		Height of mast extended	h4 (in)	See mast table	
4.7		Height of overhead guard/cab	h6 (in)	87 ⁵	87 ⁵
4.8		Height of seat	h7 (in)	43.5	43.5
4.12		Height of tow coupling	h10 (in)	27.5	27.5
4.19		Overall length with 42" forks	l1 (in)	149.4	149.4
4.20		Length to fork face	l2 (in)	107.4	107.4
4.21		Overall width, front/rear	b1/b2 (in)	49.5 ⁶ / 49.5	49.5 ⁶ / 49.5
4.22		Fork dimensions	s/e/l (in)	1.75 / 4 / 42	1.75 / 4 / 42
4.23		Fork carriage: class		Class 3	Class 3
4.24		Width of fork carriage	b3 (in)	45.3 ⁷	45.3 ⁷
Performance		4.31	Ground clearance under mast, with load	m1 (in)	4.7
	4.32	Ground clearance, center of wheelbase	m2 (in)	6.8	6.8
	4.33	Aisle width	Ast (in)	168.7 ⁸	168.7 ⁸
	4.35	Outer turning radius	Wa (in)	95.3	95.3
	5.1	Travel speed, with/without load	(mph)	13.75 / 13.75	13.75 / 13.75
	5.2	Lifting speed, with/without load	(fpm)	92.5 / 94.5	104.3 / 110
	5.3	Lowering speed, with/without load	(fpm)	106.3 / 102.3	106.3 / 102.3
	5.5	Drawbar pull, with/without load	(lbs)	4502 / 3405	4502 / 3405
Other	5.7	Climbing ability, with/without load	(%)	32 / 33	32 / 33
	5.9	Acceleration, with/without load	(sec)	5.6 / 4.8 ⁹	6.0 / 5.2 ⁹
Engine	5.10	Service brake		Hydrostatic	
	7.1	Engine manufacturer/type		VW/ CBH.A	VW / BEF
	7.2	Engine rating	(hp)	59	53
	7.3	Rated speed	(rpm)	2800	2600
Other	7.4	Number of cylinders/Engine displacement	(cu inches)	4 / 120	4 / 115.7
	8.1	Traction control		Hydrostatic	
	8.2	Working pressure for attachments	(psi)	2465	2465
	8.3	Oil flow attachments	(gpm)	8.7	8.7
	8.4	Noise level at driver's ear	(dB)	77	77
Footnotes ¹ Optional tires available ⁴ 5 with triplex mast ⁷ Wider carriages available ² 4x with twin tires ⁵ Low ohg available ⁸ Including 48" load or forks ³ 47.4 with twin tires ⁶ 63.4 with twin tires ⁹ 0 mph to maximum speed					

