

Down Rating Charts

Equipment



Safety first

- Outstanding base and residual capacities
- Three separate braking systems
- Superb operator visibility
- Quiet operation
- Excellent weight distribution and long wheelbase chassis
- High degree of steering accuracy (82° steering geometry)

Standard equipment

- Three-way adjustable full suspension bucket seat
- Linde patented twin-pedal directional controls
- Adjustable steering wheel angle/height
- On-demand hydrostatic power steering
- Combustion air pre-cleaner (LP/Diesel)
- Engine systems display panel (Glare free)
- Adjustable driver armrest with integral joystick hydraulic controls
- Low fuel level indicator and alarm (Diesel)
- Storage box and cup holder
- Catalytic muffler (LP models)
- Operator access grip
- LBR

Optional equipment

- Single pedal operation with armrest mounted directional controls
- Integral side-shift
- Aux. hydraulic circuits
- Partial to full cab enclosures
- Cab heater with pollen filter
- Air conditioning with pollen filter
- Wiper/washer system
- Roof blind, clipboard and cab light
- Truck lighting
- Rear-view mirrors
- Back-up alarm
- Warning light (Amber)
- Custom paint
- Catalytic muffler (Diesel)
- Tilt “memory” positioning



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**ANSI CLASSIFICATION:** Standard truck meets all applicable mandatory requirements of ANSI/ASME B56.1 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 Lift Truck 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.

Hydrostatic Drive Diesel/LPG Trucks  
5,000 lbs., 6,000 lbs. and 7,000 lbs. Capacity



Hallmarks

Trucks tailored perfectly to the operator. Designed to minimize fatigue, ensure safe operation, promote a healthy work environment and optimize productivity. Highly cost effective trucks, unmatched in operating efficiency due to low fuel consumption, minimal service requirements and outstanding performance, contributing to a healthier environment due to significantly lower noise and engine emissions.

Operator compartment

Designed to satisfy the most stringent standards of workplace ergonomics. Low driver step height and spacious foot-well ensure easy on/off access. A spacious cabin area yields plenty of room for maximum operator comfort.

**Exclusive** Linde Load Control (LLC) provides precision control of all mast functions via adjustable armrest integral joysticks.

**Exclusive** Linde twin-pedal directional control boosts working speed and efficiency by reducing the time required to change travel direction and speed.

**Exclusive** shock-mounted axles, mast, tilt cylinders, chassis, hydraulic controls and multi-adjustable driver bucket seat guarantee a superior ride on any surface. Excellent visibility in all directions, enhanced by placing the trucks instruments display in a non-glare module mounted inside the overhead guard.

Chassis

**Exclusive** integral frame/overhead guard construction

creates a super-tough cage structure designed to deliver maximum operator protection and safety. Vastly reduced vehicle lost load/front overhang and curb-weight result in unmatched truck stability, performance and efficiency.

**Exclusive** standard seam-welded belly-pan contributes to additional chassis strength/rigidity while protecting all components located within the chassis confines.

Engine and drive system

**Exclusive** Linde-built dual hydrostatic direct wheel drives, without gear reduction assemblies, deliver unmatched vehicle efficiency, response and control. No clutches, differential or brakes required for day-to-day operation in even the harshest environments. Drive system perfected and proven durable in countless extreme-duty off-road construction machinery applications.

**Exclusive** modern overhead-cam VW BEU-Diesel/BEF-LP engine technology delivers unmatched fuel economy, as well as super-low EPA compliant engine exhaust and noise emissions.

Electrical system

**Exclusive** Linde Truck Control (LTC) for traction and all hydraulic functions delivers pinpoint accurate control of all truck travel and work functions via microprocessor based solid-state control module. All operating parameters are adjustable to match

specific application requirements via laptop computer. An auto-diagnosis function makes for uncomplicated troubleshooting procedures.

Masts and tilt cylinders

Outstanding base and residual truck capacities are realized through the innovative design of the truck frame/overhead guard and the mast and tilt cylinder mounting points.

**Exclusive** overhead mounted tilt cylinders dramatically reduce load torsion forces at the mast mounting points. Mast and tilt cylinders are shock-mounted via high-density neoprene isolator bushings. All mounting points are absolutely maintenance free.

An **exclusive** internally mounted hose reel simplifies the routing of all hydraulic lines through the mast resulting in exceptional visibility for the driver. Clean and simple hose routing results in vastly increased service/repair efficiencies in the after-market.

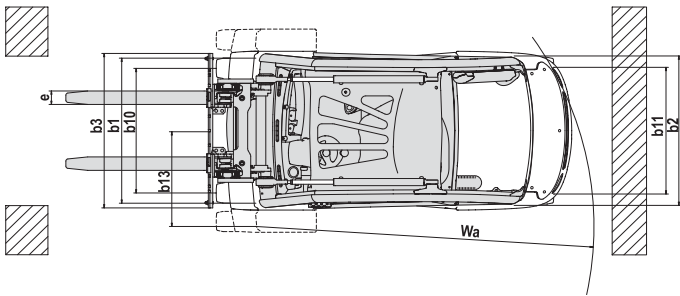
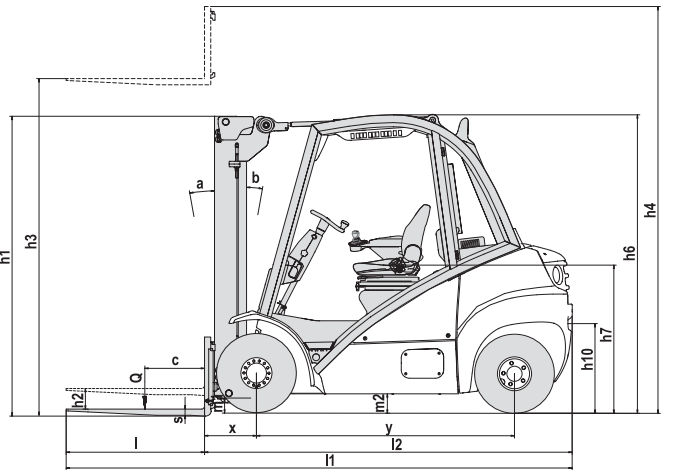
Brake systems

**Exclusive** no-wear three-way braking is provided as standard equipment. The hydrostatic drive system features full-time dynamic braking by simply releasing foot pressure on either the forward or reverse directional control pedals. Truck parking brake utilizes wet-disc design and operates maintenance free. The wet-disc brakes are also automatically engaged when the engine is shut down for maximum safety.

Manufacturers Data and Design Characteristics  
January 2004



|                  |      |                                                     |               |                                         |                                         |  |                                         |                                         |                                         |                                         |
|------------------|------|-----------------------------------------------------|---------------|-----------------------------------------|-----------------------------------------|--|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Characteristics  | 1.1  | Manufacturer                                        |               | Linde                                   | Linde                                   |  | Linde                                   | Linde                                   | Linde                                   | Linde                                   |
|                  | 1.2  | Model designation                                   |               | H25D                                    | H25T                                    |  | H30D                                    | H30T                                    | H35D                                    | H35T                                    |
|                  | 1.3  | Operation                                           |               | Rider seated                            | Rider seated                            |  | Rider seated                            | Rider seated                            | Rider seated                            | Rider seated                            |
|                  | 1.4  | Power unit: Diesel, Gasoline, LPG                   |               | Diesel                                  | LPG                                     |  | Diesel                                  | LPG                                     | Diesel                                  | LPG                                     |
|                  | 1.5  | Load capacity                                       | Q lbs (kg)    | 5,000 (2,500)                           | 5,000 (2,500)                           |  | 6,000 (3,000)                           | 6,000 (3,000)                           | 7,000 (3,500)                           | 7,000 (3,500)                           |
|                  | 1.6  | Load center                                         | c in (mm)     | 24 (500)                                | 24 (500)                                |  | 24 (500)                                | 24 (500)                                | 24 (500)                                | 24 (500)                                |
|                  | 1.7  | Axle center to fork face                            | x in (mm)     | 17.5 (445)                              | 17.5 (445)                              |  | 17.5 (445)                              | 17.5 (445)                              | 17.7 (450)                              | 17.7 (450)                              |
|                  | 1.8  | Wheelbase                                           | Y in (mm)     | 75.0 (1,905)                            | 75.0 (1,905)                            |  | 76.0 (1,930)                            | 76.0 (1,930)                            | 77.4 (1,965)                            | 77.4 (1,965)                            |
| Weight           | 2.1  | Service weight                                      | lbs (kg)      | 8,575 (3,890)                           | 8,532 (3,870)                           |  | 9,303 (4,220)                           | 9,259 (4,200)                           | 10,318 (4,680)                          | 10,285 (4,665)                          |
|                  | 2.2  | Axle load with load, front/rear                     | lbs (kg)      | 12,500/1,587 (5,670/720)                | 12,500/1,543 (5,670/700)                |  | 12,032/2,272 (6,420/800)                | 11,943/2,316 (6,380/820)                | 15,269/2,049 (7,240/940)                | 15,192/2,093 (7,205/960)                |
|                  | 2.3  | Axle load without load, front/rear                  | lbs (kg)      | 4,255/4,321 (1,930/1,960)               | 4,255/4,277 (1,930/1,940)               |  | 4,299/5,004 (1,950/2,270)               | 4,211/5,049 (1,910/2,290)               | 4,519/5,798 (2,050/2,630)               | 4,442/5,842 (2,015/2,650)               |
| Wheels and Tires | 3.1  | Tires, front/rear (SE=superelastic, P=pneumatic)    |               | P/P                                     | P/P                                     |  | P/P                                     | P/P                                     | P/P                                     | P/P                                     |
|                  | 3.2  | Tire size, front                                    |               | 27x10 - 12/20 PR <sup>1</sup>           | 27x10 - 12/20 PR <sup>1</sup>           |  | 27x10 - 12/20 PR <sup>1</sup>           | 27x10 - 12/20 PR <sup>1</sup>           | 27x10 - 12/20 PR <sup>1</sup>           | 27x10 - 12/20 PR <sup>1</sup>           |
|                  | 3.3  | Tire size, rear                                     |               | 23x9 - 10/16 PR                         | 23x9 - 10/16 PR                         |  | 23x9 - 10/16 PR                         | 23x9 - 10/16 PR                         | 23x9 - 10/16 PR                         | 23x9 - 10/16 PR                         |
|                  | 3.4  | Wheels, number front/rear (x = driven)              |               | 2(4)x/2 <sup>2</sup>                    | 2(4)x/2 <sup>2</sup>                    |  | 2(4)x/2 <sup>2</sup>                    | 2(4)x/2 <sup>2</sup>                    | 2(4)x/2 <sup>2</sup>                    | 2(4)x/2 <sup>2</sup>                    |
|                  | 3.5  | Track width, front                                  | b10 in (mm)   | 39.7 (1,008)                            | 39.7 (1,008)                            |  | 39.7 (1,008)                            | 39.7 (1,008)                            | 39.7 (1,008)                            | 39.7 (1,008)                            |
|                  | 3.6  | Track width, rear                                   | b11 in (mm)   | 36.7 (932)                              | 36.7 (932)                              |  | 36.7 (932)                              | 36.7 (932)                              | 36.7 (932)                              | 36.7 (932)                              |
| Dimensions       | 4.1  | Mast/fork carriage tilt, forward/back               | a/b (°)       | 5/8.5                                   | 5/8.5                                   |  | 5/8.5                                   | 5/8.5                                   | 5/8.5                                   | 5/8.5                                   |
|                  | 4.2  | Height of mast lowered                              | h1 in (mm)    | see mast table                          | see mast table                          |  | see mast table                          | see mast table                          | see mast table                          | see mast table                          |
|                  | 4.3  | Free lift                                           | h2 in (mm)    | see mast table                          | see mast table                          |  | see mast table                          | see mast table                          | see mast table                          | see mast table                          |
|                  | 4.4  | Lift                                                | h3 in (mm)    | see mast table                          | see mast table                          |  | see mast table                          | see mast table                          | see mast table                          | see mast table                          |
|                  | 4.5  | Height of mast extended                             | h4 in (mm)    | see mast table                          | see mast table                          |  | see mast table                          | see mast table                          | see mast table                          | see mast table                          |
|                  | 4.6  | Height of overhead guard (cab)                      | h6 in (mm)    | 87.0 <sup>5</sup> (2,210) <sup>6</sup>  | 87.0 <sup>6</sup> (2,210) <sup>6</sup>  |  | 87.0 <sup>6</sup> (2,210) <sup>6</sup>  | 87.0 <sup>6</sup> (2,210) <sup>6</sup>  | 87.0 <sup>6</sup> (2,210) <sup>6</sup>  | 87.0 <sup>6</sup> (2,210) <sup>6</sup>  |
|                  | 4.7  | Height of operator seat                             | h7 in (mm)    | 44.3 (1,125)                            | 44.3 (1,125)                            |  | 44.3 (1,125)                            | 44.3 (1,125)                            | 44.3 (1,125)                            | 44.3 (1,125)                            |
|                  | 4.8  | Towing pin height                                   | h10 in (mm)   | 27.5 (698)                              | 27.5 (698)                              |  | 27.5 (698)                              | 27.5 (698)                              | 27.2 (690)                              | 27.2 (690)                              |
|                  | 4.9  | Length to fork face                                 | l2 in (mm)    | 107.4 (2,727)                           | 107.4 (2,727)                           |  | 108.5 (2,755)                           | 108.5 (2,755)                           | 110.0 (2,795)                           | 110.0 (2,795)                           |
|                  | 4.10 | Overall width                                       | b1/b2 in (mm) | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  |  | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  | 49.4 <sup>4</sup> (1,256) <sup>4</sup>  |
|                  | 4.11 | Fork dimensions                                     | s/e/l in (mm) | 1.75x4x42 (45x102x1,066)                | 1.75x4x42 (45x102x1,066)                |  | 1.75x5x42 (45x127x1,066)                | 1.75x5x42 (45x127x1,066)                | 2x5x42 (50x127x1,066)                   | 2x5x42 (50x127x1,066)                   |
|                  | 4.12 | Carriage, width class                               | b3 in (mm)    | 45.3 II (1,150)                         | 45.3 II (1,150)                         |  | 45.3 III (1,150)                        | 45.3 III (1,150)                        | 45.3 III (1,150)                        | 45.3 III (1,150)                        |
|                  | 4.13 | Ground clearance, mast                              | m1 in (mm)    | 4.7 (119)                               | 4.7 (119)                               |  | 4.7 (119)                               | 4.7 (119)                               | 4.6 (117)                               | 4.6 (117)                               |
|                  | 4.14 | Ground clearance, center of wheelbase               | m2 in (mm)    | 6.8 (173)                               | 6.8 (173)                               |  | 6.8 (173)                               | 6.8 (173)                               | 6.8 (172)                               | 6.8 (172)                               |
|                  | 4.15 | Turning radius                                      | Wa in (mm)    | 95.3 (2,420)                            | 95.3 (2,420)                            |  | 96.2 (2,444)                            | 96.2 (2,444)                            | 97.4 (2,476)                            | 97.4 (2,476)                            |
|                  | 4.16 | Min. aisle dimension                                | in (mm)       | 112.8 <sup>3</sup> (2,865) <sup>3</sup> | 112.8 <sup>3</sup> (2,865) <sup>3</sup> |  | 113.7 <sup>3</sup> (2,889) <sup>3</sup> | 113.7 <sup>3</sup> (2,889) <sup>3</sup> | 115.0 <sup>3</sup> (2,926) <sup>3</sup> | 115.0 <sup>3</sup> (2,926) <sup>3</sup> |
| Performance      | 5.0  | Travel speed, with/without load                     | mph (km/h)    | 3.7/13.7 (22/22)                        | 3.7/13.7 (22/22)                        |  | 13.7/13.7 (22/22)                       | 13.7/13.7 (22/22)                       | 13.7/13.7 (22/22)                       | 13.7/13.7 (22/22)                       |
|                  | 5.1  | Lifting speed, with/without load                    | fpm (m/s)     | 92.5/94.5 (0.47/0.48)                   | 92.5/94.5 (0.47/0.48)                   |  | 92.5/94.5 (0.47/0.48)                   | 92.5/94.5 (0.47/0.48)                   | 92.5/94.5 (0.47/0.48)                   | 92.5/94.5 (0.47/0.48)                   |
|                  | 5.2  | Lowerspeed, with/without load                       | fpm (m/s)     | 102.4/106.3 (0.52/0.54)                 | 102.4/106.3 (0.52/0.54)                 |  | 102.4/106.3 (0.52/0.54)                 | 102.4/106.3 (0.52/0.54)                 | 102.4/106.3 (0.52/0.54)                 | 102.4/106.3 (0.52/0.54)                 |
|                  | 5.3  | Tractive force, with/without load (60 min. rating)  | lbs (N)       | 4,512/3,412 (20,080/15,150)             | 4,512/3,412 (20,080/15,150)             |  | 4,449/3,440 (19,790/15,300)             | 4,449/3,370 (19,790/14,990)             | 4,449/3,617 (19,790/16,090)             | 4,449/3,554 (19,790/15,810)             |
|                  | 5.4  | Climbing ability with/without load (60 min. rating) | %             | 32/33                                   | 32/33                                   |  | 27/30                                   | 27/30                                   | 24/28                                   | 24/28                                   |
| I/C Engine       | 7.0  | Engine manufacturer/type                            |               | VW/BEU                                  | VW/BEF                                  |  | VW/BEU                                  | VW/BEF                                  | VW/BEU                                  | VW/BEF                                  |
|                  | 7.1  | Engine rated power to ISO 1585                      | hp (kw)       | 59 (43)                                 | 52 (39)                                 |  | 59 (43)                                 | 52 (39)                                 | 59 (43)                                 | 52 (39)                                 |
|                  | 7.2  | Rated speed                                         | rpm (max)     | 2,600                                   | 2,600                                   |  | 2,600                                   | 2,600                                   | 2,600                                   | 2,600                                   |
|                  | 7.3  | Number of cylinders / displacement                  | cid/l         | 4/115 (4/1,896)                         | 4/120 (4/1,984)                         |  | 4/115 (4/1,896)                         | 4/120 (4/1,984)                         | 4/115 (4/1,896)                         | 4/120 (4/1,984)                         |
|                  | 7.4  | Fuel tank cap. (diesel)                             | gal (l)       | 10.5(40)                                | 10.5(40)                                |  | 10.5(40)                                | 10.5(40)                                | 10.5(40)                                | 10.5(40)                                |
| Other            | 8.0  | Service brake                                       | Type          | Wet-disc                                | Wet-disc                                |  | Wet-disc                                | Wet-disc                                | Wet-disc                                | Wet-disc                                |
|                  | 8.1  | Battery voltage                                     | V             | 12V                                     | 12V                                     |  | 12V                                     | 12V                                     | 12V                                     | 12V                                     |
|                  | 8.2  | Type of transmission                                |               | Hydrostatic                             | Hydrostatic                             |  | Hydrostatic                             | Hydrostatic                             | Hydrostatic                             | Hydrostatic                             |
|                  | 8.3  | Working pressure for attachments                    | psi (bar)     | 2,900 <sup>5</sup> (200) <sup>6</sup>   | 2,900 <sup>5</sup> (200) <sup>5</sup>   |  | 2,900 <sup>5</sup> (200) <sup>5</sup>   | 2,900 <sup>5</sup> (200) <sup>5</sup>   | 2,900 <sup>5</sup> (200) <sup>5</sup>   | 2,900 <sup>5</sup> (200) <sup>6</sup>   |
|                  | 8.4  | Oil flow for attachments                            | gpm (l/min)   | 8.45 (32)                               | 8.45 (32)                               |  | 8.45 (32)                               | 8.45 (32)                               | 8.45 (32)                               | 8.45 (32)                               |
|                  | 8.5  | Noise level, at operator's ear                      | db (a)        | 76                                      | 76                                      |  | 76                                      | 76                                      | 76                                      | 76                                      |



|              | h1<br>Collapsed<br>Height | h3<br>Fork<br>Height* | h2<br>Free lift** |
|--------------|---------------------------|-----------------------|-------------------|
| Simple Masts | 86.5 (2,197)              | 125.0 (3,757)         | 0                 |
|              | 92.0 (2,336)              | 137.5 (3,492)         | 0                 |
|              | 96.0 (2,438)              | 145.0 (3,683)         | 0                 |
|              | 98.0 (2,487)              | 149.0 (3,784)         | 0                 |
| Dual Masts   | 86.5 (2,197)              | 126.0 (3,200)         | 56.0 (1,422)      |
|              | 88.5 (2,247)              | 130.0 (3,302)         | 58.0 (1,473)      |
|              | 96.0 (2,438)              | 146.0 (3,708)         | 66.0 (1,676)      |
|              | 98.0 (2,489)              | 150.0 (3,810)         | 68.0 (1,727)      |
| Triple Masts | 86.5 (2,197)              | 187.0 (4,749)         | 56.0 (1,422)      |
|              | 88.5 (2,247)              | 193.0 (4,902)         | 58.0 (1,473)      |
|              | 90.0 (2,286)              | 198.5 (5,041)         | 60.0 (1,524)      |
|              | 96.0 (2,438)              | 212.5 (5,397)         | 66.0 (1,676)      |

\* For Mast Overall Extended Height (OAH) Add 48"/(1220mm)  
\*\* w.o. LBR

Contact manufacturer for downrating information.

1) Optional drive tires H25/H30/35 -27x10-12 SE -28x12.5-15 SE -7.00-12 Pneu. twin 3) Add load length plus clearance 5) Pressure 3,190 psi (220bar) forrippe masts  
2) Figures in parentheses for twin tires 4) 63.5" (1,611mm) for twin tires, 52.6" (1,337mm) for 28x12.5-15 SE tires 6) + 2.0" (50MM) with top glass wiper