

Standard and Optional Equipment

Standard Equipment

- Adjustable comfortable seat
- Combination dry-type intake air filter
- Power steering
- Pneumatic tyres
- Standard lift mast: lift height h3=3050mm
- Fork arms l=1000mm
- Standard fork carriage
- Multi-functional display
- Adjustable steering column
- Standard container overhead guard
- Standard truck lighting
- Protected rear-lighting
- Sub-silencer
- Anti-glare paints
- Fuel intake water separator
- Pre-heating relay (for winter quick-start)

Optional Equipment

- Other lift height with Standard/Duplex/Triplex mast
- Integrated sideshifter
- Load backrest
- One or two additional hydraulic circuits available for all mast type
- Various nonstandard fork lengths
- Additional working lamp
- Twin drive wheel; SE tyres
- Special paint



Other Options Available on Request



Diesel/LPG Forklift Trucks Capacity 2500 - 3000kg HT25D/Ts, HT30D/Ts

1283



Safety

A large diameter power brake, the unique low center gravity steering axle and the high visibility mast ensure benchmarking safety standards.

Performance

The industrial European hydrodynamic transmission is specifically designed for forklift applications and grants the most efficient transmission of torque and power with an optimal fuel consumption.

Comfort

A combined braking and inching pedal, and as hydraulic levers next to the drivers seat ensure a class of it's own comfort to the driver.

Reliability

Designed by a 3D modeling system and F.E.M. analysis, the chassis is obtained to a maximum torsional and the reliability is underlined by the proven Linde technology which is well known in the market for many years.

Service

The high percentage of customer approved parts ensure a high level of parts availability and accessibility.

Features

Full Suspended Cab

- Absorb and reduce vibrations
- Prevents driver from exhaustion and reduces danger of accidents

Revolutionary Pedal System

- Parking brake can be actuated and released effortlessly by foot
- No usual movements necessary
- Combined braking and inching pedal



High-Performance Engine Tech

- Latest engine with EU Stage IIIa emission, one of the most powerful engines in the market
- High torque for even hardest applications



A Class of it's Own Ergonomics

- Hydraulic control levers next to drive seat
- Small radius steering wheel for effortless working
- Adjustable steering column
- Direction switch on the left side of steering column
- Integrated switch of direction indicator and wiper on the right side

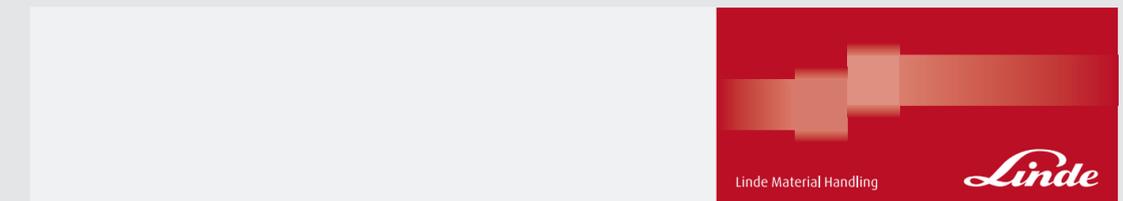


Multifunctional Console

- With cup holder and storage compartment
- Multifunction indicator can display truck status, fuel level, etc.
- Well protected switch button and dashboard (IP 67)

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

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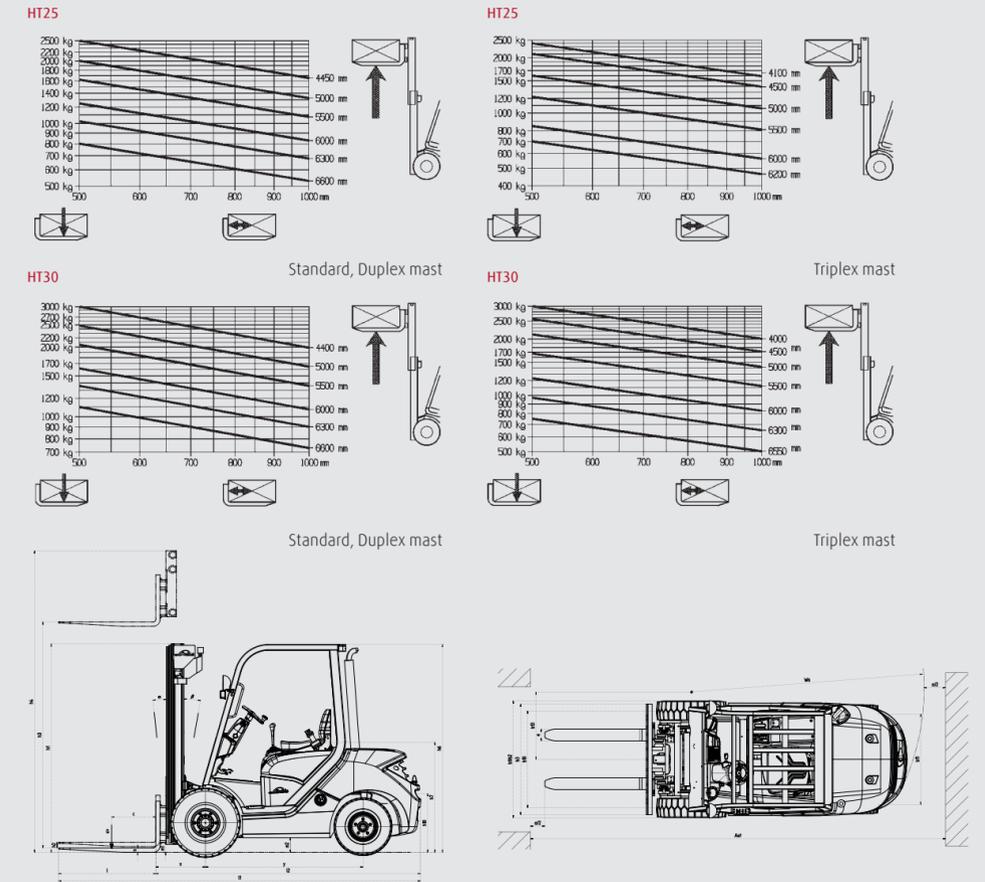


Technical Data

| | | | | | | |
|-----------------|------|---|----------------------|----------------------|----------------------|----------------------|
| Characteristics | 1.1 | Manufacturer | Linde | LINDE | Linde | LINDE |
| | 1.2 | Model designation | HT25Ds | HT25Ts | HT30Ds | HT30Ts |
| | 1.3 | Power unit: Battery, diesel, gasoline, LP gas, AC | Diesel | LPG | Diesel | LPG |
| Weights | 1.4 | Operation | Driver seated | Driver seated | Driver seated | Driver seated |
| | 1.5 | Load capacity | Q(t) | 2.5 | 2.5 | 3.0 |
| | 1.6 | Load center | c(mm) | 500 | 500 | 500 |
| Wheels | 1.8 | Axle centre to fork face | x(mm) | 485 | 485 | 485 |
| | 1.9 | Wheelbase | y(mm) | 1620 | 1620 | 1620 |
| | 2.1 | Service weight | kg | 4015 | 4040 | 4440 |
| Dimensions | 2.2 | Axle load with load, front/rear | kg | 5790/725 | 5770/770 | 6590/850 |
| | 2.3 | Axle load without load, front/rear | kg | 1760/2255 | 1745/2295 | 1740/2700 |
| | 3.1 | Tyre:SE=(super elastic), P=(pneumatic) | | PN | PN | PN |
| Performances | 3.2 | Tyre size, front | inch | 7.00-12/16PR | 7.00-12/14PR | 27x10-12/14PR |
| | 3.3 | Tyre size, rear | inch | 6.50-10 | 6.50-10/14PR | 6.50-10 |
| | 3.5 | Wheels, number front/rear(X=drive) | | 2x/2 | 2x/2 | 2x/2 |
| Others | 3.6 | Track width, front/rear | b10/b11(mm) | 1005/942 | 1005/942 | 1057/942 |
| | 4.1 | Mast tilt, forward/backward | α / β (°) | 6°/10° | 6°/10° | 6°/10° |
| | 4.2 | Height of mast, lowered | h1(mm) | 2383 | 2390 | 2390 |
| Drive | 4.3 | Free lift | h5(mm) | 150 | 150 | 150 |
| | 4.4 | Lift | h3(mm) | 3050 | 3050 | 3050 |
| | 4.5 | Height of mast, extended | h4(mm) | 3833 | 3833 | 3840 |
| Others | 4.7 | Height of overhead guard (cabin) | h6(mm) | 2175 | 2175 | 2183 |
| | 4.8 | Height of drive seat | h7(mm) | 1168 | 1175 | 1175 |
| | 4.12 | Tow coupling height | h10(mm) | 620 | 620 | 610 |
| Others | 4.20 | Length to fork face | l2(mm) | 2632 | 2632 | 2703 |
| | 4.21 | Overall width | b1/b2(mm) | 1204 | 1204 | 1325 |
| | 4.22 | Fork dimensions, sxexl | s/e/l(mm) | 45x100x1000 | 45x100x1000 | 45x122x1000 |
| Others | 4.23 | Fork carriage to DIN 15173 | | 2A | 2A | 3A |
| | 4.24 | Width of fork carriage | b3(mm) | 1150 | 1150 | 1300 |
| | 4.31 | Ground clearance with load, mast | m1(mm) | 107 | 107 | 118 |
| Others | 4.32 | Ground clearance with load, center of wheelbase | m2(mm) | 150 | 150 | 157 |
| | 4.33 | Aisle width, 1000x1200mm across forks | Ast(mm) | 3940 | 3940 | 4025 |
| | 4.34 | Aisle width, 800x1200mm along forks | Ast(mm) | 4139 | 4139 | 4225 |
| Others | 4.35 | Turning radius | Wa(mm) | 2280 | 2280 | 2332 |
| | 4.36 | Minimum pivoting point distance | b13(mm) | 560 | 560 | 564 |
| | 5.1 | Travel speed, with/without load | km/h | 19.3/19.9 | 18.8/19.0 | 19.5/20.4 |
| Others | 5.2 | Lifting speed, with/without load | m/s | 0.44/0.46 | 0.44/0.46 | 0.44/0.48 |
| | 5.3 | Lowering speed, with/without load | m/s | 0.50/0.43 | 0.50/0.43 | 0.50/0.43 |
| | 5.5 | Tractive force, with/without load | N | 17000/10100 | 14300/10200 | 17100/10400 |
| Others | 5.7 | Climbing ability, with/without load | % | 27.5/26.5 | 23/27 | 24.1/24.5 |
| | 5.9 | Acceleration time, with/without load | s | 5.4/4.7 | 5.2/4.8 | 5.9/5.1 |
| | 5.10 | Service brake | | Mechanical/hydraulic | Mechanical/hydraulic | Mechanical/hydraulic |
| Others | 7.1 | Manufacture of engine/type | kw | Yanmar 4TNE98 | Nissan/K25 | Yanmar 4TNE98 |
| | 7.2 | Engine performance according to ISO 1585 | kw | 44.8 | 41.2 | 44.8 |
| | 7.3 | Rated speed | rpm | 2450 | 2400 | 2450 |
| Others | 7.4 | Number of cylinders / displacement | cm ³ | 4/3199 | 4/2488 | 4/3199 |
| | 8.1 | Type of drive control | | Hydrodynamic | Hydrodynamic | Hydrodynamic |
| | 8.2 | Working pressure for attachments | bar | - | - | - |

Figures for standard version may vary when options equipment is fitted

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



Mast Datasheet (in: mm)

| Standard masts (mm) | | HT25 | | | | | HT30 | | | | |
|--------------------------------|----------------|------|------|------|------|------|------|------|------|------|------|
| Lift height | h ₃ | 2550 | 3050 | 4050 | 4450 | 5150 | 2550 | 3050 | 4050 | 4450 | 5150 |
| Retracted height | h ₁ | 2183 | 2383 | 2883 | 3093 | 3433 | 2140 | 2390 | 2890 | 3090 | 3440 |
| Free lift | h ₂ | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| Height of overall at max. lift | h ₄ | 3333 | 3833 | 4833 | 5233 | 5933 | 3340 | 3840 | 4840 | 5240 | 5940 |

| Duplex masts (mm) | | HT25 | | | HT30 | | |
|--|----------------|------|------|------|------|--|--|
| Lift height | h ₃ | 2750 | 2950 | 2750 | 2950 | | |
| Retracted height (Height of mast, lowered) | h ₁ | 2085 | 2185 | 2095 | 2195 | | |
| Free lift | h ₂ | 1475 | 1575 | 1475 | 1575 | | |
| Height overall at max. lift | h ₄ | 3529 | 3729 | 3532 | 3732 | | |

| Triplex masts (mm) | | HT25 | | | | HT30 | | | |
|--|----------------|------|------|------|------|------|------|------|------|
| Lift height | h ₃ | 4025 | 4325 | 4600 | 5075 | 4025 | 4325 | 4600 | 5075 |
| Retracted height (Height of mast, lowered) | h ₁ | 2085 | 2185 | 2210 | 2435 | 2095 | 2195 | 2220 | 2445 |
| Free lift | h ₂ | 1475 | 1575 | 1575 | 1825 | 1475 | 1575 | 1575 | 1825 |
| Height overall at max. lift | h ₄ | 4814 | 5114 | 5380 | 5864 | 4817 | 5117 | 5383 | 5867 |

Alternative lift heights and figures on request.