



Internal Combustion Engine Counterbalance Forklift HT25T - HT35T

5,000 - 7,000 lb. Capacity | Series 1320

- Robust HDI LP Engine
- Reliable Torque Converter Drivetrain with Inching Pedal
- High Visibility Mast Linde North America Built
- Deck-mounted Ergonomic Hydraulic Controls
- Simplified Maintenance

STANDARD & OPTIONAL EQUIPMENT

| | Model / Equipment | HT25T - HT35T |
|-------------------------------|---|---------------|
| Standard Equipment | Rugged chassis | ● |
| | HDI P24, LP Engine | ● |
| | Electric Cooling Fan | ● |
| | Oil Cooled Transmission with torque converter | ● |
| | Inching Pedal | ● |
| | Force Cooled Wet Disc Brakes | ● |
| | Pneumatic Tires | ● |
| | Standard Overhead Guard | ● |
| | High comfort, Full Suspension Seat | ● |
| | Individual Hydraulic Control Levers | ● |
| | 3-Function Hydraulic Valve | ● |
| | Comprehensive Color LCD Display | ● |
| | USB Charger | ● |
| | Key Switch | ● |
| | Two LED Work Lights | ● |
| | Low mount, Horizontal Exhaust pipe | ● |
| | Swing out - Drop-Down LP Bottle Holder | ● |
| Linde Colors, Red - Dark Grey | ● | |
| 3 Year Standard Warranty | ● | |
| Optional Equipment | Solid Pneumatic (SE) Tires | ○ |
| | Non-Marking Tires | ○ |
| | Standard, Dual, Triplex Masts | ○ |
| | Fork Carriage | ○ |
| | Hang-On Sideshifter | ○ |
| | Integrated Sideshifter | ○ |
| | Forks | ○ |
| | Load Backrest | ○ |
| | Full Operator Cabin | ○ |
| | Half Cab (front, top, rear window) | ○ |
| | Operator Fan | ○ |
| | Cloth Seat | ○ |
| | Internal Mirror | ○ |
| | Internal Panorama Mirror | ○ |
| | External Mirrors | ○ |
| | Round Steering Wheel | ○ |
| | 4-Function Hydraulic Valve | ○ |
| | Hydraulic Reeking | ○ |
| | Rear Truck Lighting bar | ○ |
| | Spot Lights Position 1&2 | ○ |
| | Spot Lights Position 7&8 | ○ |
| | LED lighting Strip Front | ○ |
| | LED Lighting Strip Rear | ○ |
| | Backup Alarm | ○ |
| | Flashing Beacon | ○ |
| | Reverse Grab Handle, with horn button | ○ |
| | Blue Spot | ○ |
| | Red Spot | ○ |
| | Static Strap | ○ |
| | Red side Lights | ○ |
| | Hydraulic Accumulator | ○ |
| Under Chassis Covers | ○ | |
| Additional Hydraulic Cooling | ○ | |
| Removable Radiator Screen | ○ | |
| Additional Air Filter | ○ | |
| Additional Warranty | ○ | |

● Standard equipment

○ Optional equipment

ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO B561 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. KION 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.

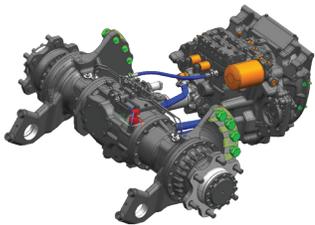
Ergonomics



Swing Down Bottle Holder



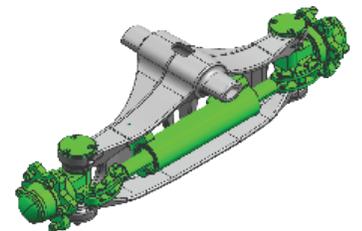
Rugged Drive Line



Industrial LP Engine



Cast Steer Axle Body



Ergonomics

- Designed to minimize operator fatigue.
- Using swing down LP bottle and arched side mounted handles, to limit operating effort with repetitive tasks.
- Nested stages mast with high visibility. Electric cooling fan (reversible) to limit noise level.
- Sculpted hood allows operator to get on and off on either side of the truck, adding to the versatility of applications.

Durable

- Steer axles mounted with neoprene bearings limits road shock and reduces the impact of rough operating surfaces.
- Cast iron steer axle extends the life of hard-working components.
- Tapered king pin bearings add to the longevity of the rear axle.
- Forced cooled, internal wet disc brakes, add to the reliability of the machine.

Low Maintenance

- The industrial engine permits 500 hours between oil changes.
- Regular maintenance made quick and easy by "no tool" side cover and floor-board removal.
- Wet disc brakes, no timing belt, and no valve adjustment adds to the low maintenance features.

HT25T - HT35T TECHNICAL DATA

| | | | | | Linde | | | | | | | | | |
|-----------------|------------------------------------|---------------------------------|-------------------------|--|-------|----------------|-------------------|------------------|-----------------------|------------------|-----------------------|------------------|-----------------------|--------|
| | | | | | HT25T | | HT30T | | HT35T | | | | | |
| Characteristics | 1.1 | Manufacturer | | | | Linde | | | | | | | | |
| | 1.2 | Model | | | | HT25T | | HT30T | | HT35T | | | | |
| | 1.3 | Power | | | | LP Gas | | LP Gas | | LP Gas | | | | |
| | 1.4 | Operation | | | | seated | | seated | | seated | | | | |
| | 1.5 | Capacity | | | | Q Lb. | lb. | kg | 5000 | 2268 | 6000 | 2727 | 7000 | 3175 |
| | 1.6 | Load Center | | | | c | in | mm | 24 | 600 | 24 | 600 | 24 | 600 |
| | 1.8 | Front Overhang | | | | x | in | mm | 19.9 | 506 | 20 | 509 | 20 | 509 |
| | 1.9 | Wheelbase | | | | y | in | mm | 66.4 | 1685 | 66.9 | 1700 | 66.9 | 1700 |
| | Weights | 2.1 | Weight | | | | | lb | kg | 9160 | 4155 | 10295 | 4670 | 11309 |
| 2.2 | | Axle Loading Laden Front | | | | | lb | kg | 12610 | 5720 | 14407 | 6535 | 16170 | 7355 |
| 2.2.1 | | Axle Loading Laden Rear | | | | | lb | kg | 1565 | 710 | 2050 | 930 | 2149 | 975 |
| 2.3 | | Axle Loading Empty Front | | | | | lb | kg | 4332 | 1965 | 4299 | 1950 | 4387 | 1990 |
| 2.3.1 | | Axle Loading Empty Rear | | | | | lb. | kg | 4817 | 2185 | 6018 | 2730 | 6922 | 3140 |
| Wheels | 3.1 | Tires | | | | pneumatic | | pneumatic | | pneumatic | | | | |
| | 3.2 | Tire Size Front | | | | 7.00-12 | | 28x9-15 | | 28x9-15 | | | | |
| | 3.3 | Tire Size Rear | | | | 6.00-9 | | 6.50-10 | | 6.50-10 | | | | |
| | 3.5 | Wheels Number Front / Rear | | | | 2 (driven) / 2 | | 2 (driven) / 2 | | 2 (driven) / 2 | | | | |
| | 3.6 | Track Width Front | | | | b10 | in | mm | 36.9 | 938 | 37.0 | 942 | 37.0 | 942 |
| | 3.7 | Track Width Rear | | | | b11 | in | mm | 37.4 | 951 | 37.6 | 956 | 37.6 | 956 |
| | Dimensions | 4.1 | Tilt Forward / Backward | | | | deg | | 5/6 | | 5/6 | | 5/6 | |
| 4.2 | | Closed Height | | | | h1 | in | mm | mast, capacity, table | | mast, capacity, table | | mast, capacity, table | |
| 4.3 | | Free Lift | | | | h2 | in | mm | mast, capacity, table | | mast, capacity, table | | mast, capacity, table | |
| 4.4 | | Lift Height | | | | h3 | in | mm | mast, capacity, table | | mast, capacity, table | | mast, capacity, table | |
| 4.5 | | Height Mast Raised | | | | h4 | in | mm | mast, capacity, table | | mast, capacity, table | | mast, capacity, table | |
| 4.7 | | Overhead Guard Height | | | | h6 | in | mm | 86.5 | 2198 | 87.2 | 2215 | 87.2 | 2215 |
| 4.8 | | Seat Height | | | | h7 | in | mm | 47.3 | 1202 | 48.9 | 1243 | 48.9 | 1243 |
| 4.12 | | Tow Pin Height | | | | h10 | in | mm | 24.4 | 622 | 25.4 | 646 | 25.4 | 646 |
| 4.19 | | Overall Length (48" Forks) | | | | l1 | in | mm | 143.2 | 3639 | 149.9 | 3759 | 149.9 | 3810 |
| 4.20 | | Length To Fork Face | | | | l2 | in | mm | 101.2 | 2573 | 105.8 | 2689 | 107.8 | 2740 |
| 4.21 | | Overall Width | | | | b1 | in | mm | 44.9 | 1143 | 46.2 | 1175 | 46.2 | 1175 |
| 4.23 | | Type Carriage | | | | | | | ITA class 2 | | ITA class 3 | | ITA class 3 | |
| 4.24 | | Carriage Width | | | | b3 | in | mm | 38.5 | 980 | 38.5 | 980 | 38.5 | 980 |
| 4.31 | | Ground Clearance Mast | | | | m1 | in | mm | 4.7 | 120 | 5.4 | 139 | 5.4 | 139 |
| 4.32 | | Ground Clearance Chassis | | | | m2 | in | mm | 5.7 | 145 | 6.3 | 160 | 6.3 | 160 |
| 4.33 | Aisle Width (48" Load) | | | | Ast | in | mm | 162.9 | 4186 | 169.6 | 4304 | 171.6 | 4359 | |
| 4.34 | Aisle Width (Add Load + Clearance) | | | | Ast | in | mm | 108.8 | 2776 | 113.7 | 2889 | 115.7 | 2939 | |
| 4.35 | Outer Turning Radius | | | | Wa | in | mm | 89.3 | 2270 | 93.7 | 2380 | 95.6 | 2430 | |
| Performance | 5.1 | Travel Speed Laden | | | | | mp/h | km/h | 11.1 | 18 | 11.1 | 18 | 11.1 | 18 |
| | 5.1.1 | Travel Speed Empty | | | | | mp/h | km/h | 11.4 | 18.3 | 11.4 | 18.3 | 11.4 | 18.3 |
| | 5.2 | Lift Speed Laden | | | | | fpm | m/s | 102 | 0.52 | 116 | 0.59 | 116 | 0.59 |
| | 5.2.1 | Lift Speed Empty | | | | | fpm | m/s | 126 | 0.64 | 134 | 0.68 | 134 | 0.68 |
| | 5.3 | Lowering Speed Laden | | | | | fpm | m/s | 102 | 0.52 | 114 | 0.58 | 114 | 0.58 |
| | 5.3.1 | Lowering Speed Empty | | | | | fpm | m/s | 88.6 | 0.45 | 99.2 | 0.50 | 99.2 | 0.50 |
| | 5.5 | Drawbar Pull Laden | | | | | lbf | N | 3305 | 14700 | 3280 | 14600 | 3280 | 14600 |
| | 5.5.1 | Drawbar Pull Empty | | | | | lbf | N | 2800 | 12440 | 2680 | 11920 | 2680 | 11920 |
| | 5.7 | Gradeability Laden / Empty | | | | | % | | 24 / 32 | | 21 / 27 | | 18 / 24 | |
| | 5.9 | Acceleration Time Laden / Empty | | | | | s | | 6.3 / 5.4 | | 6.4 / 5.5 | | 6.5 / 5.5 | |
| 5.10 | Brakes | | | | | | internal wet disc | | internal wet disc | | internal wet disc | | | |
| Drive | 7.1 | Engine Manufacturer / Type | | | | | | HDI P24 | | HDI P24 | | HDI P24 | | |
| | 7.2 | Engine Power Rating | | | | | hp | kw | 60.3 | 45 | 60.3 | 45 | 60.3 | 45 |
| | 7.3 | Engine Speed (Min / Max) | | | | | | 800/2800 | | 800/2800 | | 800/2800 | | |
| | 7.4 | Cylinders / Volume | | | | | rpm | cubic inch | 145.9 | 4/2392 | 145.9 | 4/2392 | 145.9 | 4/2392 |
| | 8.1 | Type Of Drive Unit | | | | | | torque converter | | torque converter | | torque converter | | |
| Other | 10.1 | Operating Pressure | | | | | psi | bar | 2726 | 188 | 2726 | 188 | 2726 | 188 |
| | 10.2 | Max Oil Flow | | | | | gpm | l/min | 21.1 | 80 | 21.1 | 80 | 21.1 | 80 |
| | 10.7 | Noise Level | | | | | | dB(A) | | 82 | | 82 | | |

HT25T - HT35T MAST TABLES

HT25T

1.75" x 4" x 48" Forks Class 2 SGL 7.00-12 SE

*Cascade HOSS 55F-SSS-2-0212

| Mast Table | | | | | | | | Capacity @ Load Center | | | | | |
|------------|---------|------------------------|-------|--------------------|------|-------------------|-------|--------------------------------|-------|-------------------------------------|-------|----------------------------------|-------|
| Mast Type | Tilt | h1 (lowered height) | | H (lift height) | | h2 (free lift) | | Standard Carriage 600 mm LC | | Integrated Sideshifter 600 mm LC | | Hang-on Sideshifter 600 mm LC | |
| | | in | mm | in | mm | in | mm | lb | kg | lb | kg | lb | kg |
| Standard | 6F / 8B | 88 | 2,241 | 123.6 | 3135 | 5.9 | 150 | 5,000 | 2,268 | 5,000 | 2,268 | 4,760 | 2,160 |
| | 6F / 8B | 98 | 2,491 | 143.3 | 3635 | 5.9 | 150 | 5,000 | 2,268 | 5,000 | 2,268 | 4,760 | 2,160 |
| | 6F / 8B | 104 | 2,641 | 155.1 | 3935 | 5.9 | 150 | 5,000 | 2,268 | 5,000 | 2,268 | 4,760 | 2,160 |
| | 6F / 8B | 132 | 3,341 | 210.2 | 5335 | 5.9 | 150 | 3,980 | 1,806 | 3,980 | 1,806 | 3,700 | 1,680 |
| Triplex | 6F / 5B | 82.5 | 2,096 | 174.2 | 4425 | 50.9 | 1,293 | 5,000 | 2,267 | 5,000 | 2,267 | 5,000 | 2,267 |
| | 6F / 5B | 84.5 | 2,146 | 180.1 | 4575 | 52.9 | 1,343 | 5,000 | 2,267 | 5,000 | 2,267 | 4,760 | 2,160 |
| | 6F / 5B | 86.5 | 2,196 | 186.0 | 4725 | 54.8 | 1,393 | 4,930 | 2,240 | 4,930 | 2,240 | 4,690 | 2,130 |
| | 6F / 5B | 88.4 | 2,246 | 191.9 | 4875 | 56.8 | 1,443 | 4,670 | 2,120 | 4,670 | 2,120 | 4,450 | 2,020 |
| | 6F / 5B | 92.4 | 2,346 | 203.7 | 5175 | 60.7 | 1,543 | 4,160 | 1,890 | 4,160 | 1,890 | 3,960 | 1,800 |
| | 6F / 5B | 98.3 | 2,496 | 217.5 | 5525 | 66.7 | 1,693 | 3,590 | 1,630 | 3,590 | 1,630 | 3,390 | 1,540 |
| | 6F / 5B | 102.2 | 2,596 | 229.3 | 5825 | 70.6 | 1,793 | 3,080 | 1,400 | 3,080 | 1,400 | 2,880 | 1,310 |
| | 6F / 5B | 104.2 | 2,646 | 235.2 | 5975 | 72.6 | 1,843 | 2,820 | 1,280 | 2,820 | 1,280 | 2,640 | 1,200 |
| 6F / 5B | 114.0 | 2,896 | 260.8 | 6625 | 82.4 | 2,093 | 1,740 | 790 | 1,740 | 790 | 1,600 | 730 | |

HT30T

1.75" x 5" x 48" Forks Class 2 SGL 28x9-15 SE

*Cascade HOSS 55F-SSS-3-0212

| Mast Table | | | | | | | | Capacity @ Load Center | | | | | |
|------------|---------|------------------------|-------|--------------------|------|-------------------|-------|--------------------------------|-------|-------------------------------------|-------|----------------------------------|-------|
| Mast Type | Tilt | h1 (lowered height) | | H (lift height) | | h2 (free lift) | | Standard Carriage 600 mm LC | | Integrated Sideshifter 600 mm LC | | Hang-on Sideshifter 600 mm LC | |
| | | in | mm | in | mm | in | mm | lb | kg | lb | kg | lb | kg |
| Standard | 6F / 8B | 86.5 | 2,197 | 123.6 | 3135 | 0 | 0 | 6,000 | 2,722 | 6,000 | 2,722 | 6,000 | 2,722 |
| | 6F / 8B | 96.3 | 2,446 | 143.3 | 3635 | 0 | 0 | 6,000 | 2,722 | 6,000 | 2,722 | 6,000 | 2,722 |
| | 6F / 8B | 102.2 | 2,595 | 155.1 | 3935 | 0 | 0 | 6,000 | 2,722 | 6,000 | 2,722 | 6,000 | 2,722 |
| | 6F / 8B | 129.8 | 3,296 | 210.2 | 5335 | 0 | 0 | 4,670 | 2,120 | 4,670 | 2,120 | 4,320 | 1,960 |
| Triplex | 6F / 5B | 82.5 | 2,096 | 174.2 | 4425 | 50.9 | 1,293 | 6,000 | 2,722 | 6,000 | 2,722 | 5,970 | 2,710 |
| | 6F / 5B | 84.5 | 2,146 | 180.1 | 4575 | 52.9 | 1,343 | 6,000 | 2,720 | 6,000 | 2,720 | 5,570 | 2,530 |
| | 6F / 5B | 86.5 | 2,196 | 186.0 | 4725 | 54.8 | 1,393 | 5,710 | 2,590 | 5,710 | 2,590 | 5,290 | 2,400 |
| | 6F / 5B | 88.4 | 2,246 | 191.9 | 4875 | 56.8 | 1,443 | 5,420 | 2,460 | 5,420 | 2,460 | 5,000 | 3,370 |
| | 6F / 5B | 92.4 | 2,346 | 203.7 | 5175 | 60.7 | 1,543 | 4,850 | 2,200 | 4,850 | 2,200 | 4,400 | 2,000 |
| | 6F / 5B | 98.3 | 2,496 | 217.5 | 5525 | 66.7 | 1,693 | 4,160 | 1,890 | 4,160 | 1,890 | 3,720 | 1,690 |
| | 6F / 5B | 102.2 | 2,596 | 229.3 | 5825 | 70.6 | 1,793 | 3,590 | 1,630 | 3,590 | 1,630 | 3,150 | 1,430 |
| | 6F / 5B | 104.2 | 2,646 | 235.2 | 5975 | 72.6 | 1,843 | 3,280 | 1,490 | 3,280 | 1,490 | 2,860 | 1,300 |
| 6F / 5B | 114.0 | 2,896 | 260.8 | 6625 | 82.4 | 2,093 | 2,020 | 920 | 2,020 | 920 | 1,580 | 720 | |

h1: Height of mast, lowered h2: Free lift H, lift height from floor h4: Height of mast, extended

HT25T - HT35T MAST TABLES

HT35T

1.75" x 5" x 48" Forks Class 2 SGL 28x9-15 SE

*Cascade HOSS 55F-SSS-3-0212

| | | Mast Table | | | | | | Capacity @ Load Center | | | | | |
|-----------|---------|------------------------|-------|--------------------|------|-------------------|-------|--------------------------------|-------|-------------------------------------|-------|----------------------------------|-------|
| Mast Type | Tilt | h1 (lowered height) | | H (lift height) | | h2 (free lift) | | Standard Carriage 600 mm LC | | Integrated Sideshifter 600 mm LC | | Hang-on Sideshifter 600 mm LC | |
| | | in | mm | in | mm | in | mm | lb | kg | lb | kg | lb | kg |
| Standard | 6F / 8B | 86.5 | 2,197 | 123.6 | 3135 | 0 | 0 | 7,000 | 3,175 | 7,000 | 3,175 | 7,000 | 3,175 |
| | 6F / 8B | 96.3 | 2,446 | 143.3 | 3635 | 0 | 0 | 7,000 | 3,175 | 7,000 | 3,175 | 7,000 | 3,175 |
| | 6F / 8B | 102.2 | 2,595 | 155.1 | 3935 | 0 | 0 | 7,000 | 3,175 | 7,000 | 3,175 | 7,000 | 3,175 |
| | 6F / 8B | 129.8 | 3,296 | 210.2 | 5335 | 0 | 0 | 5,200 | 2,360 | 5,200 | 2,360 | 5,180 | 2,350 |
| Triplex | 6F / 5B | 84.5 | 2,146 | 180.1 | 4575 | 52.9 | 1,343 | 6,460 | 2,930 | 6,460 | 2,930 | 5,880 | 2,670 |
| | 6F / 5B | 86.5 | 2,196 | 186.0 | 4725 | 54.8 | 1,393 | 6,150 | 2,790 | 6,150 | 2,790 | 5,600 | 2,540 |
| | 6F / 5B | 88.4 | 2,246 | 191.9 | 4875 | 56.8 | 1,443 | 5,840 | 2,650 | 5,840 | 2,650 | 5,310 | 2,410 |
| | 6F / 5B | 92.4 | 2,346 | 203.7 | 5175 | 60.7 | 1,543 | 5,220 | 2,370 | 5,220 | 2,370 | 4,740 | 2,150 |
| | 6F / 5B | 98.3 | 2,496 | 217.5 | 5525 | 66.7 | 1,693 | 4,510 | 2,050 | 4,510 | 2,050 | 4,070 | 1,850 |
| | 6F / 5B | 102.2 | 2,596 | 229.3 | 5825 | 70.6 | 1,793 | 3,900 | 1,770 | 3,900 | 1,770 | 3,500 | 1,590 |
| | 6F / 5B | 104.2 | 2,646 | 235.2 | 5975 | 72.6 | 1,843 | 3,590 | 1,630 | 3,590 | 1,630 | 3,210 | 1,460 |
| 6F / 5B | 114.0 | 2,896 | 260.8 | 6625 | 82.4 | 2,093 | 2,290 | 1,040 | 2,290 | 1,040 | 1,980 | 900 | |

h1: Height of mast, lowered **h2:** Free lift **H:** lift height from floor **h4:** Height of mast, extended



CHARACTERISTICS



Maneuverability

- Compact design allows ease of operation in tight spaces.
- Linde axle allows for tight turns.
- Enter/exit on either side of the truck.



Ergonomics

- Arched deck-mounted hydraulic controls are easy to reach and are less tiring.
- Increased foot space allows for operator comfort.
- Electronic parking brake is easy to set and status is visible on operator display.
- Swing down LP bottle bracket makes fuel exchange easy.
- Best visibility to front and back.



Maintenance

- 500-hour engine oil change
- Maintenance covers can easily be removed with no tools, fully exposing the engine.
- No timing belt
- Neoprene-mounted steer axle limits shocks to truck and operator.
- Cast iron steer axle - no weld heat distortion and cracks.
- Full color display with CAN information
- Internal wet disc brakes

For more information on Linde Material Handling equipment, please contact:



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Linde Material Handling

Linde

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