



# 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. ©2019 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.

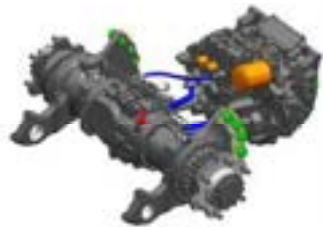
## Ergonomics



## Swing Down Bottle Holder



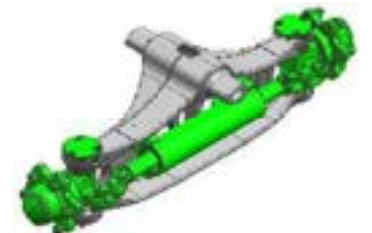
## Rugged Drive Line



## 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	5130
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-Jun		5-Jun		5-Jun		
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	
Performance		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	
	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						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		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



### MONTREAL (Head office)

19151 A, Cruickshank Avenue  
Baie-D'Urfé (Québec) H9X 3N9  
Phone: 418 694-4223  
Toll free: 1 866 421-4223  
[info@elevex.ca](mailto:info@elevex.ca)  
[elevex.ca](http://elevex.ca)

### QUEBEC

1279, Paul-Émile Giroux St. Suite  
200 Québec (Québec) G1C 0K9

### SAGUENAY

2305, Alexis-Le-Trotteur  
St. Jonquière (Québec) G7X 9H8

Linde Material Handling

*Linde*

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