



DIESEL AND LPG FORKLIFT TRUCKS

**H40D | T EVO, H45D | T EVO H50D |
T EVO H50D/T 600 EVO**

8,000 - 11,000 LBS. Capacity

Series 394

- This truck features the exclusive Linde ProtectorFrame overhead guard and frame system that offers unparalleled protection for the driver.
- 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 productivity.
- A comfortable operator is a productive and safe operator.
- The longest maintenance intervals in the industry are just one result of applied know-how and engineering.

STANDARD & OPTIONAL EQUIPMENT

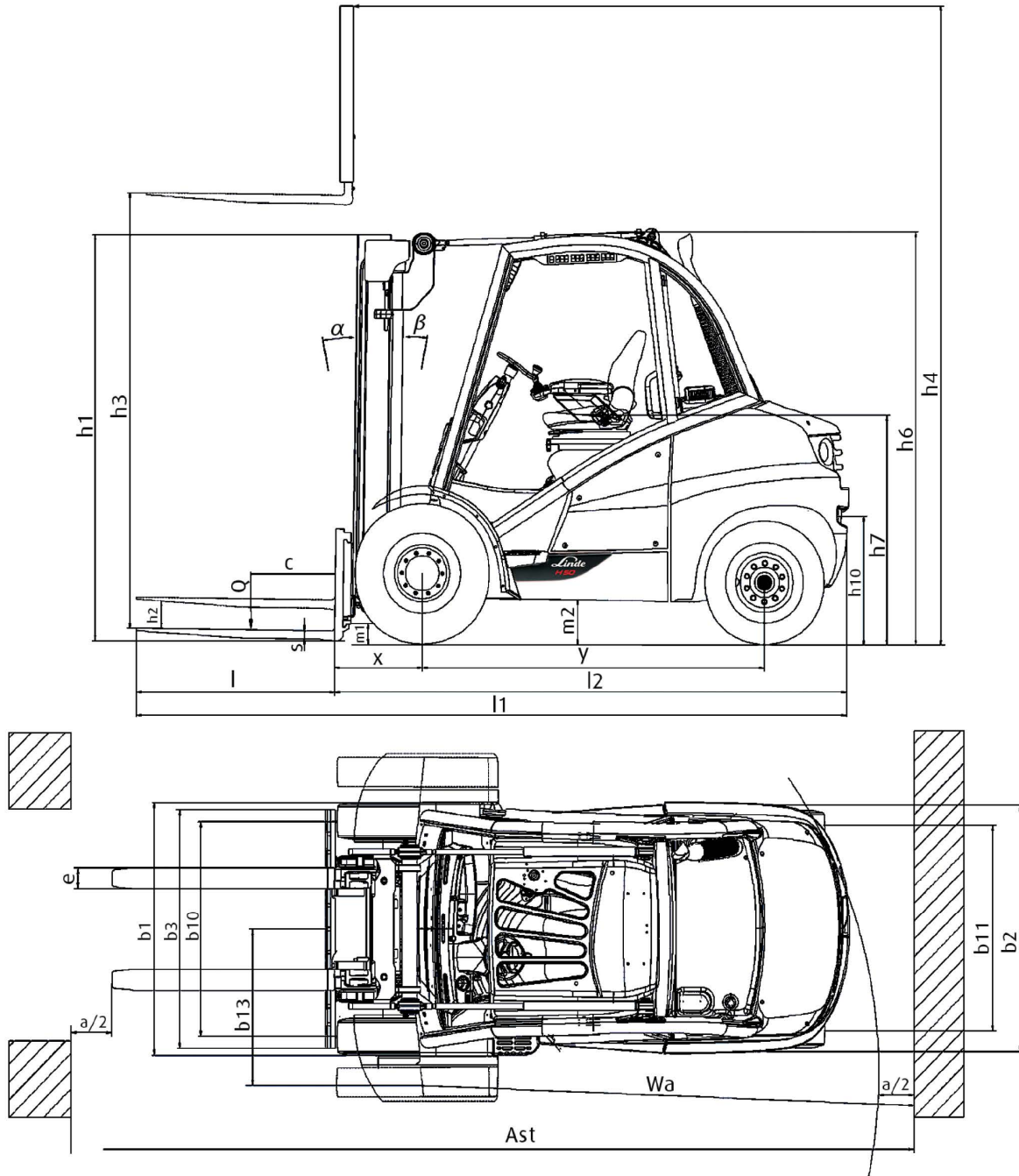
STANDARD

- Linde dual pedal travel control
- Linde Load Control (LLC)
- High comfort, fully adjustable suspension seat
- Tilt / telescopic steering column
- Low effort power steering
- Linde operator protector frame
- High-performance hydraulic filters
- 3-way regulated catalytic converter (LPG engine)
- EPA tier 4 final compliant (diesel)
- Linde variable displacement piston pump for working hydraulic system
- Load backrest (LBR)
- Comprehensive, anti-glare display
- Overhead tilt cylinders
- Headlights
- Zero maintenance mast and tilt cylinder mounting
- 3-function hydraulic control valve with "finger-tip control" handles and armrest with storage compartment
- Ultra sonic fuel level indicator (LP)
- Linde engine protection system (LEPS)
- Linde curve assist

OPTIONAL

- Single pedal travel control
- Simple, dual and triple 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 / overhead guard protection kits
- Additional lighting (LED, etc.)
- Back-up alarm
- Special packages; recycling, foundry, etc
- Tire options; twin, radial, pneumatic
- Reduced speed settings
- Mirrors





*Refer to Technical Data Chart

SERIES 394 TECHNICAL DATA

June 2020

Technical Data

SERIES 394 (H40 D/T)

			Linde	
			H40D	H40T
Characteristics	1.1	Manufacturer	Linde	
	1.2	Model designation	H40D	H40T
	1.3	Power unit: diesel	Diesel	LP
	1.4	Operation: rider seated	Rider seated	
	1.5	Load capacity	Q (lb)	8000
	1.6	Load center	c (in)	24
	1.8	Load distance (center of drive axle to fork face)	x (in)	19.02
	1.9	Wheelbase	y (in)	78.7
	2.1	Service weight	(lb)	12665
Weight	2.2	Axle loading with load, front/rear	(lb)	18197 / 2468
	2.3	Axle loading without load, front/rear	(lb)	5820 / 6845
	2.3	Axle loading without load, front/rear	(lb)	5820 / 6845
Wheels & Tires	3.1	Tire type - front/rear: SE (solid pneumatic)	SE ¹	
	3.2	Tire size: front	(in)	250-15
	3.3	Tire size: rear	(in)	250-15
	3.5	Wheels: number front/rear (x = driven)	2 x / 2	
	3.6	Track width, front	b10 (in)	48.07 ²
	3.7	Track width, rear	b11 (in)	44.17
	3.7	Track width, rear	b11 (in)	44.17
Dimensions	4.1	Mast/fork carriage tilt: forward/back	a/b (°)	5.0 / 9.0
	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 (includes LBR)	h4 (in)	h3 + 48"
	4.7	Height of overhead guard/cab	h6 (in)	93.82 ³
	4.8	Height of seat	h7 (in)	48.3
	4.12	Height of tow coupling	h10 (in)	27.7
	4.19	Overall length with 42" forks	l1 (in)	159.48
	4.20	Length to fork face	l2 (in)	117.48 ⁴
	4.21	Overall width, front/rear	b1/b2 (in)	56.93 ⁵ / 56.02
	4.22	Fork dimensions	s/e/l (in)	2 / 42 / 5
	4.23	Fork carriage: class	Class 3	
	4.24	Width of fork carriage	b3 (in)	53.1
	4.31	Ground clearance under mast, with load	m1 (in)	6.2
	4.32	Ground clearance, center of wheelbase	m2 (in)	7.9
	4.33	Aisle width with 48" load	Ast (in)	179.33 ⁶
	4.34	Aisle width, with other load lengths	Ast (in)	123.43 ⁸
	4.35	Outer turning radius	Wa (in)	105.2
Performance	5.1	Travel speed, with/without load	(mph)	13 / 13
	5.2	Lifting speed, with/without load	(fpm)	104.3 / 110
	5.3	Lowering speed, with/without load	(fpm)	112 / 102
	5.6	Max. tractive force, with/without load	(lbf)	6416 / 4624
	5.8	Max. climbing ability, with/without load	(%)	29 / 34
	5.9	Acceleration, with/without load	(sec)	5.7 / 4.8 ⁷
	5.10	Service brake	Hydrostatic	
Engine	7.1	Engine manufacturer/type	D24	VW / CWT
	7.2	Engine rating	(hp)	75
	7.3	Rated speed	(rpm)	2300
	7.4	Number of cylinders/Engine displacement	(cu inches)	4 / 146
Other	8.1	Traction control	Hydrostatic	
	8.2	Working pressure for attachments	(psi)	2465
	8.3	Oil flow attachments	(gpm)	12.7
	8.4	Noise level at driver's ear	(dB)	77

Footnotes

- ¹ Optional tires available
² 59.02 with twin tires
³ Add 2" with top wiper
⁴ Add fork or load length
⁵ Add 21.93" for twin front tires
⁶ Including 48" load or forks, and 8" operational clearance
⁷ 0 mph to maximum speed
⁸ Add load length, add operational clearance

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SERIES 394 TECHNICAL DATA

June 2020

SERIES 394 (H45 D/T, H50 D/T, H50 D/T-600)

Linde		Linde		Linde		1.1
H45D	H45T	H50D	H50T	H50D 600	H50T 600	1.2
Diesel	LP	Diesel	LP	Diesel	LP	1.3
Rider seated		Rider seated		Rider seated		1.4
9000	9000	10000	10000	11000	11000	1.5
24	24	24	24	24	24	1.6
20.67	20.67	21.06	21.06	21.10	21.10	1.8
80.2	80.2	81.8	81.8	81.9	81.9	1.9
13977	13977	14506	14506	15283	15690	2.1
20168 / 2809	20168 / 2809	21862 / 2645	21862 / 2645	23364 / 2919	21862 / 2645	2.2
6155 / 7822	6155 / 7822	6349 / 8157	6349 / 8157	6355 / 8927	6349 / 8157	2.3
SE ¹		SE ¹		SE ¹		3.1
300-15		300-15		300-15		3.2
250-15		250-15		250-15		3.3
2 x / 2		2 x / 2		2 x / 2		3.5
46.85 ²	46.85 ²	46.85 ²	46.85 ²	46.85 ²	46.85 ²	3.6
44.17	44.17	44.17	44.17	44.17	44.17	3.7
5.0 / 9.0	5.0 / 9.0	5.0 / 9.0	5.0 / 9.0	5.0 / 9.0	5.0 / 9.0	4.1
See mast table		See mast table		See mast table		4.2
See mast table		See mast table		See mast table		4.3
See mast table		See mast table		See mast table		4.4
h3 + 48"		h3 + 48"		h3 + 48"		4.5
95.12 ³	95.12 ³	95.12 ³	95.12 ³	95.12 ³	95.12 ³	4.7
49.8	49.8	49.8	49.8	49.8	49.8	4.8
28.6	28.6	28.6	28.6	28.6	28.6	4.12
162.71	162.71	164.68	164.68	167.80	167.80	4.19
120.71 ⁴	120.71 ⁴	122.68 ⁴	122.68 ⁴	125.80 ⁴	125.80 ⁴	4.20
57.01 ⁵ / 56.02	57.01 ⁵ / 56.02	57.01 ⁵ / 56.02	57.01 ⁵ / 56.02	57.01 ⁵ / 56.02	57.01 ⁵ / 56.02	4.21
2 / 42 / 5	2 / 42 / 5	2 / 42 / 6	2 / 42 / 6	2 / 42 / 6	2 / 42 / 6	4.22
Class 3	Class 3	Class 3	Class 3	Class 3	Class 3	4.23
53.1	53.1	53.1	53.1	53.1	53.1	4.24
8	8	8	8	8	8	4.31
9.3	9.3	9.3	9.3	9.3	9.3	4.32
182.4 ⁶	182.4 ⁶	184.25 ⁶	184.25 ⁶	188.20 ⁶	188.20 ⁶	4.33
127.28 ⁸	127.28 ⁸	129.13 ⁸	129.13 ⁸	140.20 ⁸	140.20 ⁸	4.34
106.61	106.61	108.07	108.07	111.20	111.20	4.35
14.9 / 14.9	14.9 / 14.9	14.9 / 14.9	14.9 / 14.9	14.9 / 14.9	14.9 / 14.9	5.1
104.3 / 110	104.3 / 110	104.3 / 110	104.3 / 110	96.0 / 100	96.0 / 100	5.2
112 / 102	112 / 102	110 / 98.5	110 / 98.5	110 / 98.0	110 / 98.5	5.3
5684 / 4910	5684 / 5024	5684 / 5030	5684 / 5179	5684 / 5097	5684 / 5179	5.6
22 / 32	22 / 32	21 / 32	20 / 32	20 / 30	20 / 30	5.8
6.0 / 5.2 ⁷	5.9 / 5.2 ⁷	6.2 / 5.5 ⁷	6.1 / 5.5 ⁷	6.2 / 5.5 ⁷	6.1 / 5.5 ⁷	5.9
Hydrostatic		Hydrostatic		Hydrostatic		5.10
D24	VW / CWTl	D24	VW / CWTl	D24	VW / CWTl	7.1
75	70	75	70	75	70	7.2
2300	2300	2300	2300	2300	2300	7.3
4 / 146	6 / 220	4 / 146	6 / 220	4 / 146	6 / 220	7.4
Hydrostatic		Hydrostatic		Hydrostatic		8.1
2465	2465	2465	2465	2465	2465	8.2
12.7	12.7	12.7	12.7	12.7	12.7	8.3
78	77	78	77	78	77	8.4

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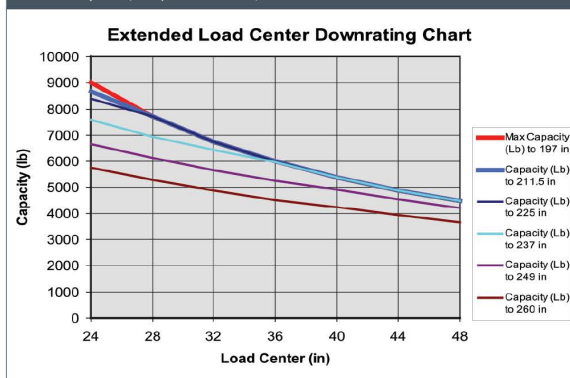
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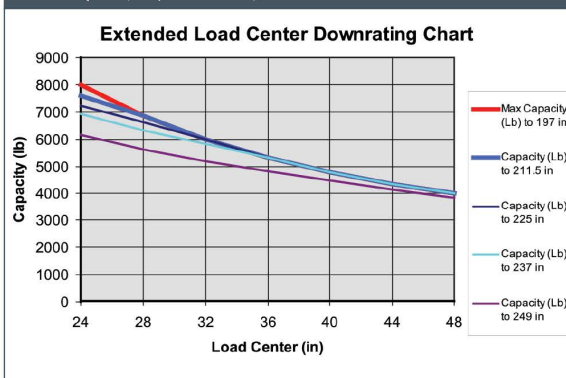
Downrating charts*

Reference SE tires with standard carriage and forks only.

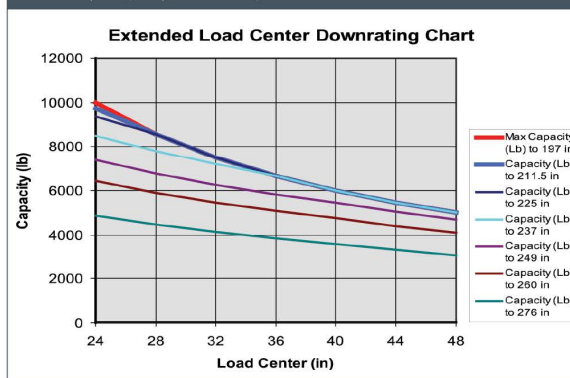
H45D/T (Triple Mast)



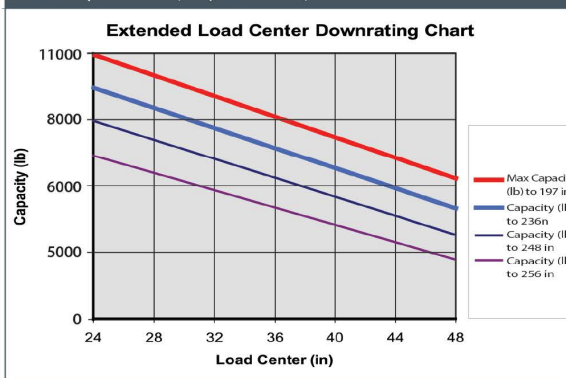
H40D/T (Triple Mast)



H50D/T (Triple Mast)



H50D/T 600 (Triple Mast)



June 2020

394 H40D/T
2" x 5" x 42" Forks**
Single SE 250-15 Drive Tires**

Mast Capacity Table

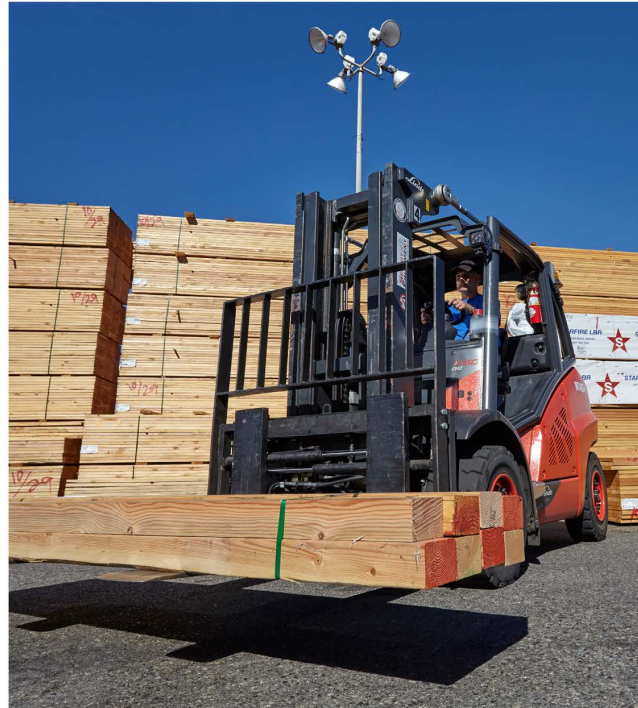
394 H45D/T
2" x 5" x 42" Forks**
Single SE 300-15 Drive Tires**

394 H50D/T
2" x 6" x 42" Forks**
Single SE 300-15 Drive Tires**

Mast Capacity Table

394 H50D/T 600
2" x 6" x 42" Forks**
Single SE 300-15 Drive Tires**

* For quick reference only, contact factory for detailed ratings.



ANSI: Standard truck meets all applicable mandatory requirements of ANSI/ISO 5561 standards for powered industrial trucks.
 NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents normal 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 application of design, vehicle rules and without incurring obligation. Please consult with your authorized Linde dealer for information on possible updates or revisions.

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