Standard and Optional Equipment

Standard Equipment

→ Adjustable seat with sea-belt
→ Linde twin pedal system and central control lever
→ Combination intake hydraulic oil filter
→ Suction-type intake air filter
→ Power steering
→ Combi-instrument on indicator incorporating operating hour meter and control lights for all important truck functions.
→ Pneumatic tyres
→ Standard lift mast: Lift height h3=3,250mm
→ Fork arms L=1,000mm
→ Standard fork carriage1040mm
→ Ergonomic console
→ Adjustable steering column
→ Overhead guard 2,070mm high (for standard container)
→ Standard lighting
→ Reverse beeper

Optional Equipment

→ Other lift height with Standard/Duplex/Triplex mast
→ Sideshifter; load backrest;
→ One or two additional hydraulic circuits available for all mast type
→ Various nonstandard fork lengths
→ Working lamp
→ Non marking tyres
→ Special paint
→ Particulate filter (Diesel engines)
→ Air pre-filter

Other Options Available on Request

Diesel/LPG Forklift Trucks H18D/T, H20D/T 1800, 2000kg

350-04

Linde Material Handling

Safety

Routine deceleration and service braking by the automatic transmission, parking brake automatically engaged when the engine is switched off. Low noise levels ensures the instructions and acoustic signals are easily discernible.

Performance

Advanced engine combined with the original hydrostatic transmission system enables the operator to use the truck's vast potential to maximize productivity. All mast functions are conveniently operated with the central control lever.

Comfort

Thanks to Linde unique twin pedal system, central control lever, multifunction indicator and other ergonomic features, Linde brings driver excellent drive experience.

Reliability

Engineered to work in heavy duty operation, the truck equipped with maintenance free drive system, and the structure optimized by the Finite Element Method.

Service

Effective and cost-efficient at work: The original Linde hydrostatic drive cost does away with gearshift, clutch,differential and drum brakes. As a result, servicing costs are low, truck uptime is high and productivity is enhanced.

Features

Original Linde hydrostatic drive

→ Responsive, smooth and precise driving
→ No clutch, differential or drum brakes
→ Hydrostatic drive system, well proven in
→ Heavy duty application
→ Low maintenance costs and long life

Adjustable steering column

→ Tilt angle adjustable
→ Parking brake lever on the right side of steering column, easy to operate
→ Direction light switch on the left side of steering column

Linde twin pedal system

→ Quick change of forward/reverse direction without changing feet on pedals
→ Short pedal stroke
→ Increased productivity
→ Fatigue-free working

Ergonomic console

→ With cup holder and storage compartment
→ Multifunction indicator can display truck status, fuel level, etc.
→ Switch button and indicator are well protected (IP 67)

High-economy engine technology

→ Diesel and LPG engine incorporating most advanced technology
→ High torque,low fuel consumption
→ Green power compliance with EU stage IIIa emission regulation (Diesel engine)

Linde central control lever

→ Accurate and safe load handling
→ Automatic optimization of engine speed on lift, lower and tilt motions
→ Traction and lift functions are completely separated

350-04_H18_H20_D-01_201404

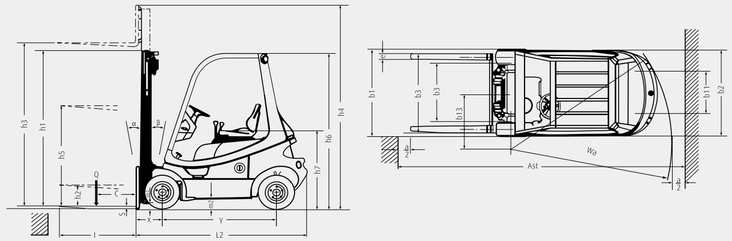
Linde Material Handling

Technical Data

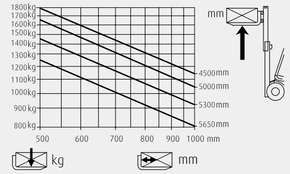
Characteristics	1.1	Manufacturer		Linde	Linde	Linde	Linde
	1.2	Model designation		H18D	H18T	H20D	H20T
	1.3	Power unit: Battery, diesel, gasoline, LP gas, AC		Diesel	LPG	Diesel	LPG
	1.4	Operation		Seated	Seated	Seated	Seated
	1.5	Load capacity	Q(t)	1.8	1.8	2.0	2.0
	1.6	Load center	c(mm)	500	500	500	500
	1.8	Axle centre to fork face	x(mm)	380	380	384	384
	1.9	Wheelbase	y(mm)	1500	1500	1560	1560
Weights	2.1	Service weight	kg	2970	2940	3160	3145
	2.2	Axle load with load, front/rear	kg	4150/620	4100/640	4465/695	4455/690
	2.3	Axle load without load, front/rear	kg	1295/1675	1245/1695	1340/1820	1320/1825
Wheels	3.1	Tyre:SE=(super elastic), P=(pneumatic)		SE/SE	SE/SE	SE/SE	SE/SE
	3.2	Tyre size, front	inch	18x7-8 [1) 2)]	18X7-8 [1) 2)]	200/50-10	200/50-10
	3.3	Tyre size, rear	inch	18x7-8 [1)]	18X7-8 [1)]	18X7-8	18X7-8
	3.4	Wheels, number front/rear(X=drive)		2X/2	2X/2	2X/2	2X/2
	3.5	Track width, front/rear	b10/b11mm	910/874	910/874	945/874	945/874
Dimensions	4.1	Mast tilt, forward/backward [3)]	α/β(°)	6/6	6/6	6/6	6/6
	4.2	Height of mast, lowered	h1(mm)	2179	2179	2179	2179
	4.3	Free lift	h2(mm)	150	150	150	150
	4.4	Lift [4)]	h3(mm)	3250	3250	3250	3250
	4.5	Height of mast, extended [4)]	h4(mm)	3863	3863	3863	3863
	4.6	Height of overhead guard (cabin)	h6(mm)	2070	2070	2070	2070
	4.7	Height of drive seat	h7(mm)	1016	1016	1016	1016
	4.12	Tow coupling height	h10(mm)	560	560	560	560
	4.19	Overall length	l1(mm)	3260	3260	3346	3346
	4.20	Length to fork face	l2(mm)	2260	2260	2346	2346
	4.21	Overall width	b1/b2(mm)	1087	1087	1168	1168
	4.22	Fork dimensions, sxexl	s/e/l(mm)	45x100x1000	45x100x1000	45x100x1000	45x100x1000
	4.23	Fork carriage to DIN 15173, class/form A, B		2A	2A	2A	2A
	4.24	Width of fork carriage	b3(mm)	1040	1040	1040	1040
	4.31	Ground clearance with load, mast	m1(mm)	80(90) [5)]	80(90) [5)]	88	88
	4.32	Ground clearance with load, center of wheelbase	m2(mm)	120	120	115	115
	4.33	Aisle width, 1000x1200mm across forks	Ast(mm)	3644	3644	3721	3721
	4.34	Aisle width, 800x1200mm along forks	Ast(mm)	3844	3844	3921	3921
	4.35	Turning radius	Wa(mm)	2066	2066	2143	2143
	4.36	Minimum pivoting point distance	b13(mm)	616	616	637	637
Performances	5.1	Travel speed, with/without load	km/h	18.8/19.2	19/19.1	19.7/19.8	19.3/19.5
	5.2	Lifting speed, with/without load	m/s	0.53/0.59	0.53/0.58	0.51/0.58	0.51/0.58
	5.3	Lowering speed, with/without load	m/s	0.55/0.44	0.51/0.43	0.54/0.45	0.51/0.42
	5.5	Tractive force, with/without load	N	14900/9700	14400/9400	14400/9400	14900/9800
	5.7	Climbing ability, with/without load	%	33.6/35.3	32.6/34.5	29.7/31.9	30.9/33.5
	5.9	Acceleration time, with/without load	s	5.2/4.7	5.0/4.6	5.3/4.6	5.0/4.6
	5.10	Service brake		Hydrostatic			
Drive	6.1	Manufacture of engine/type		VW/BXT	VW/BEF	VW/BXT	VW/BEF
	6.2	Engine performance according to ISO 1585	kw	26	28	26	28
	6.3	Rated speed	rpm	2100	2100	2100	2100
	6.4	Number of cylinders / displacement	cm3	4/1896	4/1984	4/1896	4/1984
	6.5	Fuel consumption to VDI (60 work cycles)	l/h,kg/h	2.3l/h	2.2kg/h	2.4l/h	2.3kg/h
Others	8.1	Type of drive control		Hydrostatic infinitely variable			
	8.2	Working pressure for attachments [6)]	bar	230(210)	230(210)	250(230)	250(230)
	8.3	Hydraulic oil flux	l/min	18	18	18	18
	8.4	Noise level at operator's ear	dB(A)	82	79	82	79

All parameters available with standard mast 3250 if no specified.
1) All available with pneumatic tyre.
2) Only SE 200/50-10 available with lift height more than 4450 (standard) & 4470(triplex).
3) Free lift 150mm of standard,duplex,triplex mast.
4) For standard mast.
5) Refer to the valve in parentheses for SE 200/50-10
6) Refer to the valve in parentheses for Duplex-mast.

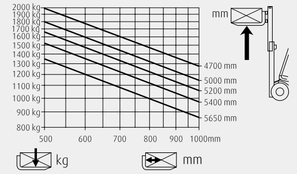
Lifting Capacity Diagram for Standard, Duplex Mast and Triplex Mast with Standard Fork Carriage:



H18



H20



Mast Datasheet (in: mm)

Standard masts (mm)		H18/H20					
Lift height	h_3	3050	3250	3850	4250	4850	5650
Retracted height	h_1	2022	2122	2422	2622	2922	3322
Retracted height with 150mm free lift	$h_{1\#}$	2079	2179	2479	2679	2979	3379
Free lift	h_2	150	150	150	150	150	150
Height of overall at max. lift	h_4	3663	3863	4463	4863	5463	6263

Duplex masts (mm)		H18/H20			
Lift height	h_3	2770	3070	3570	3770
Retracted height	h_1	1922	2072	2322	2422
Free lift	h_2	1318	1468	1718	1818
Height overall at max. lift	h_4	3383	3683	4183	4383

Triplex masts (mm)		H18/H20			
Lift height	h_3	4020	4470	4770	6220
Retracted height	h_1	1922	2072	2172	2722
Free lift	h_2	1318	1468	1568	2118
Height of mast, extended	h_4	4633	5083	5383	6833