

Standard and Optional Equipment

Standard Equipment

- Adjustable comfort seat with cushion
- Combination dry-type intake airfilter
- Hydraulic power steering
- Pneumatic tyres
- Standard lift mast: Lift height h3 = 3050mm
- Fork length l = 1000mm
- Standard 6 roller fork carriage
- Multi-functional display
- Adjustable steering column
- Standard container ability (height of overhead guard = 2210mm)
- Truck lighting China version
- Protected rear lights
- Water-oil separator
- Pre-heating system

Optional Equipment

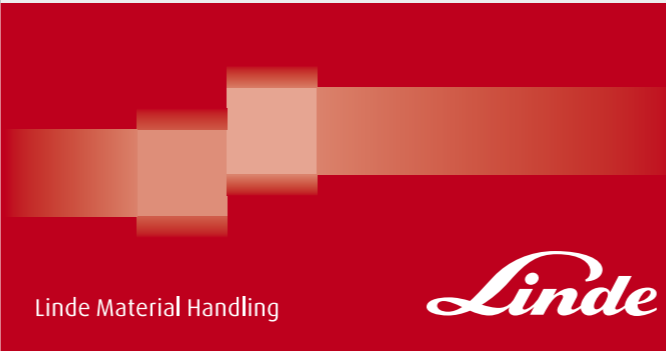
- Various lift heights for Standard/ Duplex/ Triplex masts
- Load backrest
- One or two additional hydraulic circuits available for all mast types
- Various fork lengths
- Additional working lights
- Twin drive wheels; SE tyres; Non marking tyres
- Individual paint colour
- Side shifter (integrated/ hook-on)
- Air pre-filter
- Flashing beacon
- Rotating beacon
- Full/ Half cabin
- ISO 3691
- Combi pedal is standard equipment



Other Options Available on Request



IC Engine Counterbalanced
Forklift Truck
2500kg, 3000kg, 3500kg
HT25D/Ts, HT30D/Ts, HT35D/Ts
Series 1219



Safety

Advanced wet disc brakes and a unique low gravity center steering axle combined with a state of the art high visibility mast to set benchmarking safety standards.

Performance

The imported transmission designed dedicated to forklift truck applications provides a maximum efficiency and torque output.

Comfort

The spacious and comfortable operators compartment reflects the most advanced ergonomic design in the forklift industry. The unique Linde central lever combines mast lifting and tilting functions to an easy and efficient operating experience for the operator.

Reliability

Learning from the best, the 1219 series uses main components from European that are used in thousands of Linde trucks all over the world.

Service

Benchmarking service periods and a convenient maintenance access will keep your after sales cost down and ensure a high truck availability.

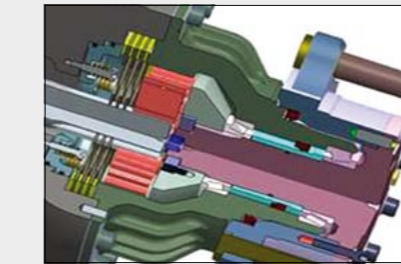
Features

Efficient and modern engine

- Advanced engine technology
- Cutting edge Step IIIB engine
- Minimum energy consumption maximum productivity

Safe operation

- High pivoting point of steering axle to ensure high turning stability
- High residual capacity ratio
- Large sized step in plate with anti slip design
- Step-in handle bar providing a safe and convenient entry into the truck



Advanced wet disc brake

- Maintenance free during truck life
- Separated cooling system to ensure sufficient brake performance even in high ambient temperatures
- Enhanced braking performance compared to conventional drum brakes



New mast design

- High strength mast profiles made in Germany
- Optimised visibility due to nested mast profiles
- View optimised assembly of the lift cylinders behind mast profiles

Durable and efficient drive line

- Benchmarking transmission efficiency
- Optimized torque converter dedicated for forklift truck application
- Decoupled drive train assembly from truck chassis, to ensure an optimum vibration isolation to load and operator

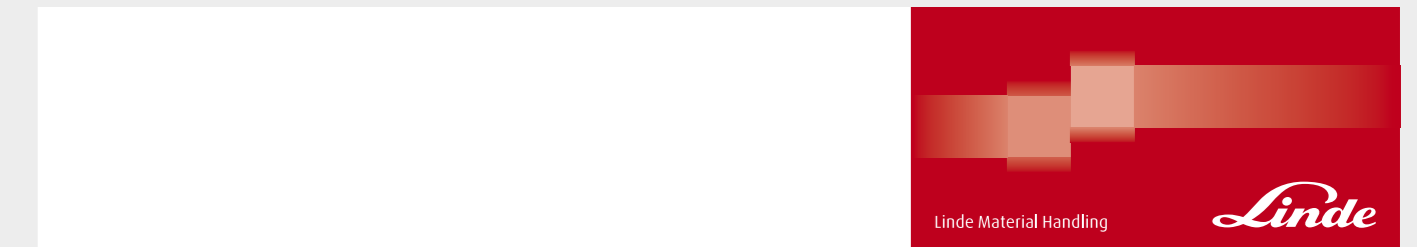
Ease of use

- Combined inch and brake pedal
- Convenient foot operated parking brake
- Close truck bottom to ensure less ingress of dirt and dust into engine compartment



Linde operator compartment

- Spacious operator compartment
- Central control lever (tilting & lifting)
- Small diameter steering wheel
- Adjustable steering column
- Various storage compartments



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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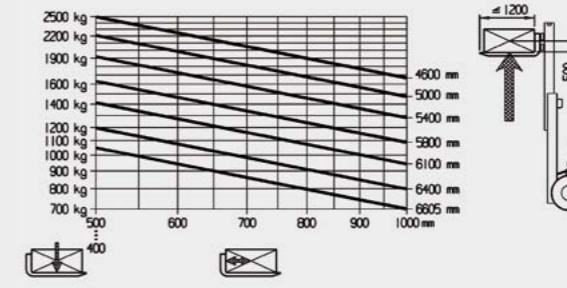
Technical Data

Characteristics	1.1	Manufacturer	LINDE	LINDE	LINDE	LINDE	LINDE	LINDE	
	1.2	Model designation	HT25Ds	HT25Ts	HT30Ds	HT30Ts	HT35Ds	HT35Ts	
	1.3	Power unit: Battery, diesel, gasoline, LPG, AC	Diesel	LPG	Diesel	LPG	Diesel	LPG	
	1.4	Operation	Seat	Seat	Seat	Seat	Seat	Seat	
	1.5	Load capacity	Q(t)	2.5	2.5	3.0	3.0	3.5	3.5
	1.6	Load center	c(mm)	500	500	500	500	500	500
	1.8	Axle centre to fork face	x(mm)	501	501	504	504	509	509
	1.9	Wheelbase	y(mm)	1700	1700	1700	1700	1700	1700
	Weights	2.1	Service weight	kg	4120	4080	4500	4450	5020
2.2		Axle load with load, front/rear	kg	5730/890	5690/890	6520/980	6510/940	7390/1130	7330/1140
2.3		Axle load without load, front/rear	kg	1760/2360	1710/2370	1760/2740	1710/2740	1770/3250	1720/3250
Wheels	3.1	Tyre:SE=(super elastic), P=(pneumatic)		P	P	P	P	P	SE
	3.2	Tyre size, front	inch	27X10-12/14PR	27X10-12	27X10-12/14PR	27X10-12	27X10-12	27X10-12
	3.3	Tyre size, rear	inch	6.50-10/14PR	6.50-10/14	6.50-10/14PR	6.5-10	23x9-10 2)	23x9-10
	3.5	Wheels, number front/rear(X=drive)		2x/2	2X/2	2x/2	2x/2	2x/2	2x/2
	3.6	Track width, front/rear	b ₁₀ /b ₁₁ (mm)	1058/942	1058/942	1058/942	1058/942	1058/942	1058/942
	Dimensions	4.1	Mast tilt, forward/backward	α / β (°)	5°/9°	5°/9°	5°/9°	5°/9°	5°/9°
4.2		Height of mast, lowered	h ₁ (mm)	2235	2235	2235	2235	2235	2235
4.3		Free lift	h ₅ (mm)	150	150	150	150	150	150
4.4		Lift	h ₃ (mm)	3050	3050	3050	3050	3050	3050
4.5		Height of mast, extended	h ₄ (mm)	3825	3825	3825	3825	3825	3825
4.7		Height of overhead guard (cabin)	h ₆ (mm)	2170	2170	2170	2170	2170	2170
4.8		Height of drive seat	h ₇ (mm)	1100	1100	1100	1100	1100	1100
4.12		Tow coupling height	h ₁₀ (mm)	600	600	600	600	600	600
4.20		Length to fork face	l ₂ (mm)	2725	2725	2790	2790	2850	2850
4.21		Overall width	b ₁ /b ₂ (mm)	1306	1306	1306	1306	1306	1306
4.22		Fork dimensions, sxxl	s/e/l(mm)	45x100x1000	45x100x1000	45x122x1000	45x122x1000	50x150x1000	50x150x1000
4.23		Fork carriage to DIN 15173		2A	2A	3A	3A	3A	3A
4.24		Width of fork carriage	b ₃ (mm)	1150	1150	1150	1150	1150	1150
4.31		Ground clearance with load, mast	m ₁ (mm)	135	135	135	135	135	135
4.32		Ground clearance with load, center of wheelbase	m ₂ (mm)	170	170	170	170	170	170
4.33		Aisle width, 1000x1200mm across forks	Ast(mm)	4057	4057	4114	4114	4175	4175
4.34	Aisle width, 800x1200mm along forks	Ast(mm)	4257	4257	4314	4314	4375	4375	
4.35	Turning radius	Wa(mm)	2347	2347	2404	2404	2465	2465	
4.36	Minimum pivoting point distance	b ₁₃ (mm)	597	597	597	597	597	597	
Performances	5.1	Travel speed, with/without load	km/h	19/20	19/20	19/20	19/20	19/19.5	19/20
	5.2	Lifting speed, with/without load	m/s	0.55/0.62	0.55/0.60	0.55/0.60	0.55/0.60	0.50/0.60	0.50/0.55
	5.3	Lowering speed, with/without load	m/s	0.50/0.40	0.50/0.40	0.50/0.40	0.50/0.40	0.50/0.40	0.50/0.40
	5.5	Tractive force, with/without load	N	14300/11000	15100/10700	13800/11500	16100/10700	12900/11900	16100/11100
	5.7	Climbing ability, with/without load	%	23/28	21/21.5	19/27	21/25	16/25	19.5/23
5.10	Service brake		Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	
Drive	7.1	Manufacture of engine/type	kw	Kubota/V2607	Kubota WG2503	Kubota/V2607	Kubota WG2503	Kubota/V2607	Kubota WG2503
	7.2	Engine performance according to ISO 14396	kw	36.5	40	36.5	40	36.5	40
	7.3	Rated speed	rpm	2600	2600	2600	2600	2600	2600
	7.4	Number of cylinders / displacement	cm ³	4/2615	4/2491	4/2615	4/2491	4/2615	4/2491
Others	8.1	Type of drive control		Hydrodynamic transm.	Hydrodynamic transm.	Hydrodynamic transm.	Hydrodynamic transm.	Hydrodynamic transm.	Hydrodynamic transm.
	8.2	Working pressure for attachments	bar	200	200	220	220	240	240

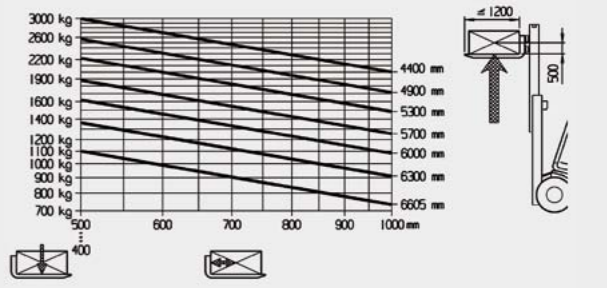
Figures for standard version may vary when optional equipment is fitted

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

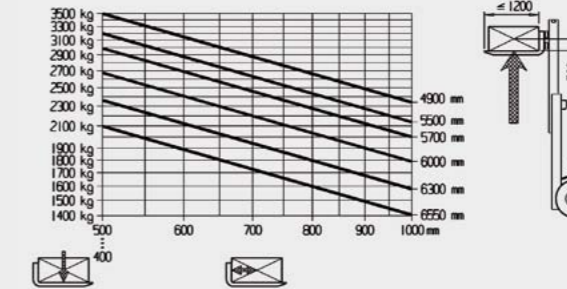
HT25 Standard, Duplex, Triplex mast



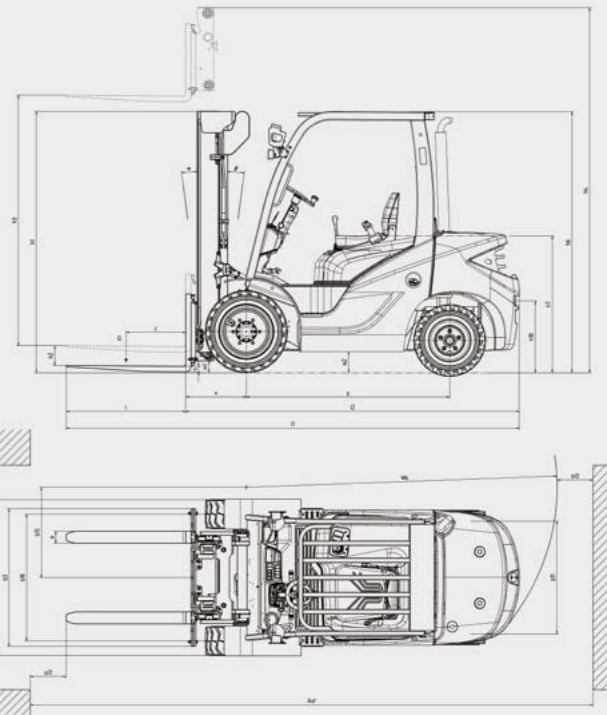
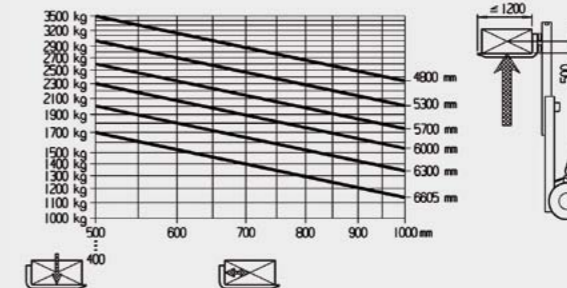
HT30 Standard, Duplex, Triplex mast



HT35 Standard, Duplex mast



HT35 Triplex mast



Mast Datasheet (in: mm)

Standard masts (mm)								
Lift height	h ₃	2850	3050	3650	4050	4550	5050	6550
Retracted height	h ₁	2135	2235	2535	2735	2935	3235	3985
Free lift	h ₂	150	150	150	150	150	150	150
Height of overall at max.lift	h ₄	3638	3825	4438	4838	5238	5838	7338
Duplex masts (mm)								
Lift height	h ₃	2915	3215	3715				
Retracted height	h ₁	2059	2209	2459				
Free lift	h ₂	1274	1424	1674				
Height of overall at max.lift	h ₄	3550	3850	4350				
Triplex masts (mm)								
Lift height	h ₃	4315	4705	5355	5955	6605		
Retracted height	h ₁	2062	2212	2462	2662	2912		
Free lift	h ₂	1274	1424	1674	1874	2124		
Height of overall at max.lift	h ₄	5103	5493	6143	6743	7393		

Alternative lift heights and figures on request.