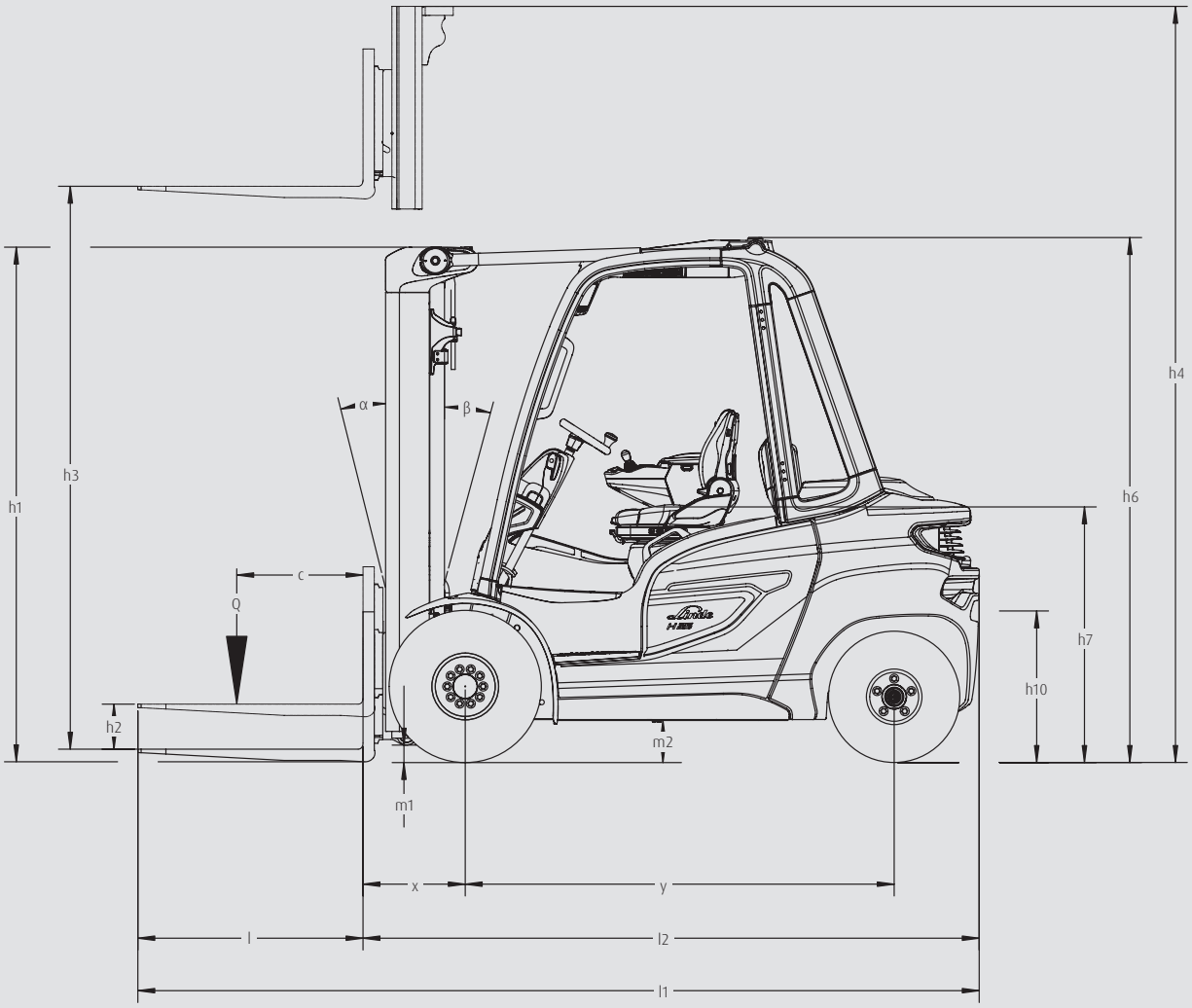
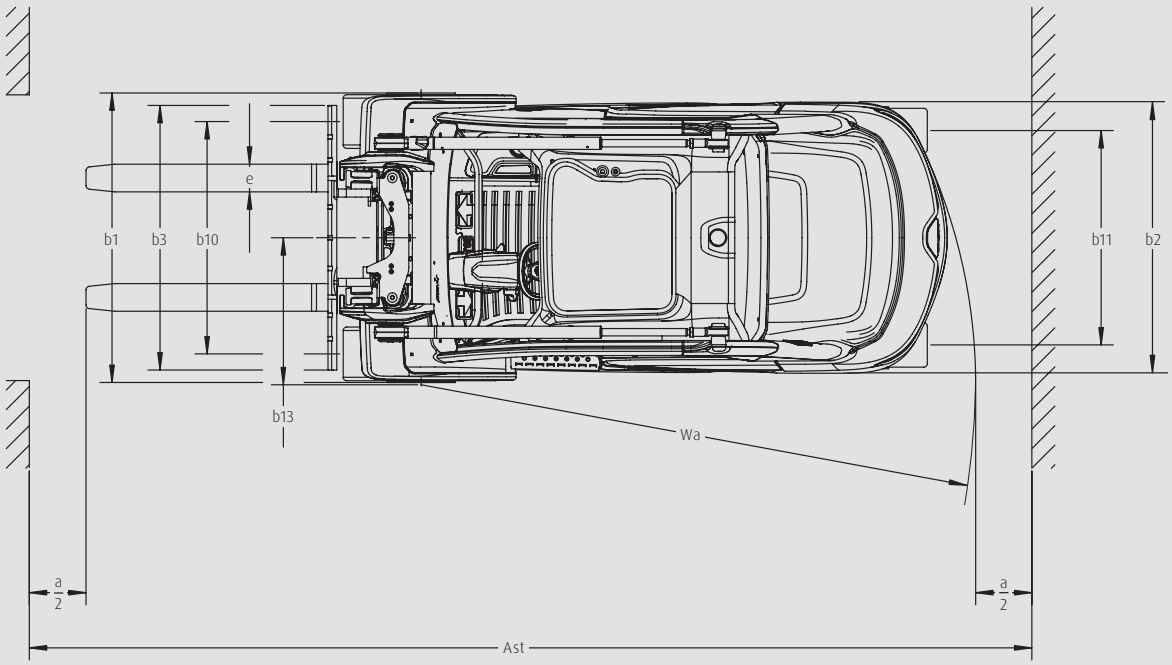
TECHNICAL DATA (According to VDI 2198)

Characteristics	1.1	Manufacturer		Linde	Linde	Linde	Linde
	1.2	**Model**		**H20/600 D**	**H25 D**	**H25/600 D**	**H30 D**
	1.3	Power unit		Diesel	Diesel	Diesel	Diesel
	1.4	Operation		Seat	Seat	Seat	Seat
	1.5	Load capacity/Load	Q (t)	2	2.5	2.5	3
	1.6	Load centre distance	c (mm)	600	500	600	500
	1.8	Axle centre to fork face	x (mm)	416.50	416.50	455.50	448.50
	1.9	Wheelbase	y (mm)	1865	1905	1905	1930
Weights	2.1	Service weight	(kg)	3738	3918	4480	4635
	2.2	Axle load with load, front/rear	(kg)	4916/822	5560/858	6001/979	6657/978
	2.3	Axle load without load, front/rear	(kg)	1826/1912	1857/2061	2116/2364	2183/2452
Wheels/Tyres	3.1	Tyres rubber, SE, pneumatic, polyurethane		SE	SE	SE	SE
	3.2	Tyre size, front		225/75 - 10 (23 × 9 - 10)	225/75 - 10 (23 ×9 - 10)	250/75 - 12	250/75 - 12
	3.3	Tyre size, rear		6.50 - 10	6.50 - 10	225/75 - 10 (23 × 9 - 10)	225/75 - 10 (23 × 9 - 10)
	3.5	Wheels, number front/rear (x = driven)		2x/2	2x/2	2x/2	2x/2
	3.6	Track width, front	b10 (mm)	972	972	1008	1008
	3.7	Track width, rear	b11 (mm)	961	961	961	961
Dimensions	4.1	Mast/fork carriage tilt, forward/backward	a/b (°)	5.0/8.0	5.0/8.0	5.0/8.0	5.0/8.0
	4.2	Height of mast, lowered	h1 (mm)	2288	2288	2330	2330
	4.3	Free lift	h2 (mm)	150	150	150	150
	4.4	Lift	h3 (mm)	3230	3230	3295	3295
	4.5	Height of mast, extended	h4 (mm)	3901	3901	4061	4061
	4.7	Height of overhead guard (cabin)	h6 (mm)	2275	2275	2322	2322
	4.8	Height of seat/stand on platform	h7 (mm)	1074	1074	1119	1119
	4.12	Towing coupling height	h10 (mm)	621	621	668	643
	4.19	Overall length	l1 (mm)	3659	3699	3738	3756
	4.20	Length to fork face	l2 (mm)	2659	2699	2738	2756
	4.21	Overall width	b1/b2 (mm)	1180/1176	1180/1176	1256/1176	1256/1176
	4.22	Fork dimensions DIN ISO 2331	s/e/l (mm)	45 × 100 × 1000	45 × 100 × 1000	45 × 100 × 1000	45 × 100 × 1000
	4.23	Fork carriage to ISO 2328, class/type A, B		2A	2A	2A	3A
	4.24	Width of fork carriage	b3 (mm)	1150	1150	1150	1150
	4.31	Ground clearance, below mast	m1 (mm)	121	121	124	123
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	130	130	177	176
	4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast (mm)	3990 [1]	4032 [1]	4071 [1]	4090 [1]
	4.34.2	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	4190 [1]	4232 [1]	4271 [1]	4290 [1]
	4.35	Turning radius	Wa (mm)	2373	2415	2415	2441
	4.36	Minimum pivoting point distance	b13 (mm)	645	659	659	668
Performance	5.1	Travel speed, with/without load	(km/h)	22/22	22/22	22/22	22/22
	5.2	Lifting speed, with/without load	(m/s)	0.53/0.55	0.53/0.55	0.53/0.56	0.53/0.56
	5.3	Lowering speed, with/without load	(m/s)	0.56/0.56	0.56/0.56	0.56/0.56	0.56/0.56
	5.5	Tractive force, with/without load	(N)	14.553/14.330	14.420/14.575	19.722/16.611	19.593/17.132
	5.7	Climbing ability, with/without load	(%)	28.0/34.0	24.0/31.0	32.0/33.0	27.0/30.0
	5.9	Acceleration time, with/without load	(s)	5.6/5.1	5.8/5.1	5.4/4.6	5.6/4.7
	5.10	Service brake		hydrostatic	hydrostatic	hydrostatic	hydrostatic
Drive	7.1	Engine manufacturer/type		Deutz TCD 2.2 L3	Deutz TCD 2.2 L3	Deutz TCD 2.2 L3	Deutz TCD 2.2 L3
	7.2	Engine performance according to DIN ISO 1585	(kW)	30	30	45	45
	7.3	Rated speed	(1/min)	2300	2300	2100	2100
	7.4	Number of cylinders/displacement	(-/cm^3)	3/2194	3/2194	3/2194	3/2194
	7.5 c	Fuel consumption in accordance with EN 16796	(l/h)	2.5	2.7	2.9	3.0
	7.5 d	Fuel consumption in accordance with EN 16796	(kg/h)				
	7.5.1	CO2 equivalent according to EN 16796	(kg/h)	7.9	8.6	9.2	9.5
Others	8.1	Type of drive unit		hydrostatic/stepless	hydrostatic/stepless	hydrostatic/stepless	hydrostatic/stepless
	10.1	Operating pressure for attachments	(bar)	200	230	200	225
	10.2	Oil flow for attachments	(l/min)	50	50	50	50
	10.7	Sound pressure level LpAZ (at the driver's seat)	(dB(A))	79	79	79	79
	10.8	Towing coupling, design/type, DIN 15 170		similar to form H	similar to form H	similar to form H	similar to form H

1) Including a 200 mm operating aisle clearance
2) With full cabin





Safety distance a = 200 mm