

STANDARD EQUIPMENT

- Head lights
- Turn signals
- Horn
- Drawbar pin
- Ergonomic seat
- Cyclonic air cleaner
- Power brake
- Engine key stop
- Torque converter oil cooler



SAFETY INDICATORS

- Engine oil pressure warning lamp
- Charge warning lamp
- Air cleaner element warning lamp
- Preheating engine warning lamp
- Preheating transmission warning lamp
- Fuel gauge
- Hour meter

HMT D160-200-250-320

Diesel forklifts with hydrodynamic drive units
16000, 20000, 25000, 32000 kg

HMT

HMT GROUP Ltd.

HMT hydrodynamic diesel forklifts have an incredible lifting capacity in a variety of applications.

Reliable industrial engines designed for use in forklifts. That ensure high reliability, lower fuel consumption, long service life, low noise and emissions comply with EU Directives.

Reliable hydrodynamic transmission for heavy conditions.

Drive axle with wet disk brakes without service.

Comfortable operator's cab mounted on rubber pads. Ensure safety and wide view.

Large options of lifting equipments and attachments.



Manoeuvre ability



Reliable engine



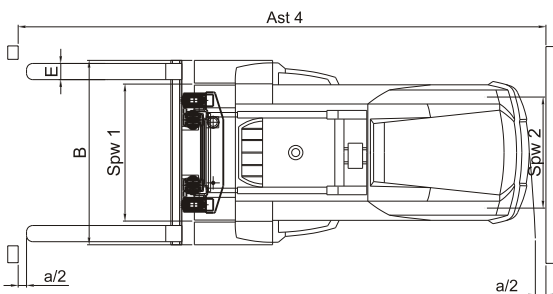
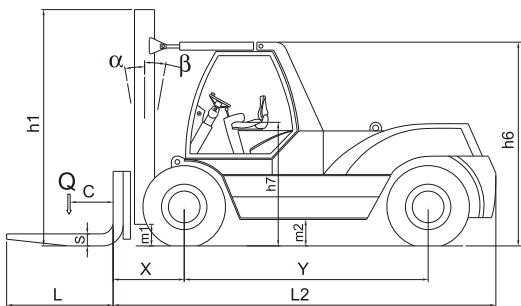
Easy service



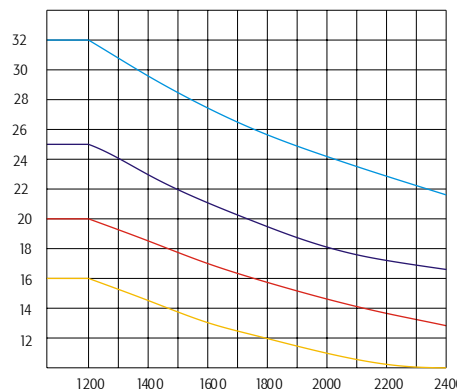
Comfortable driver's place

Technical Data

Identification	1.1 Manufacturer	HMT GROUP Ltd.	HMT GROUP Ltd.	HMT GROUP Ltd.	HMT GROUP Ltd.
	1.2 Type	160 D	200 D	250 D	320 D
	1.3 Drive: elec., diesel, gasoline, LPG	Diesel	Diesel	Diesel	Diesel
	1.4 Driver position:	Seated	Seated	Seated	Seated
	1.5 Load capacity Q(t)	16.0	20.0	25.0	32.0
	1.6 Load center C(mm)	1200	1200	1200	1200
	1.7 Distance from CL of front axle to fork face X(mm)	960	1000	1050	1150
	1.8 Wheel base Y(mm)	3650	4000	4200	4500
Weights	2.1 Weight - unladen kg	22620	30120	35500	48300
	2.2 Axle weight laden, front / rear kg	36020 / 2600	46520 / 3600	55820 / 4680	72440 / 7860
	2.3 Axle weight unladen, front / rear kg	10460 / 12160	16566 / 13554	17040 / 18460	22218 / 26082
Wheels, Chassis	3.1 Tyre type: SE=Superelastic, L=Pneumatic	L / L	L / L	L / L	L / L
	3.2 Tyre size, front	12.00 - 20	14.00 - 24	16.00 - 25	18.00 - 25
	3.3 Tyre size, rear	12.00 - 20	14.00 - 24	14.00 - 24	18.00 - 25
	3.4 Wheels, no. front / rear (x=drive)	4 x / 2	4 x / 2	4 x / 2	4 x / 2
	3.5 Track, Spw1 / Spw2 front / rear	2020 / 1810	2240 / 2010	2240 / 2010	2440 / 2510
Basic Dimensions	4.1 Mast tilt angles, forward (a) / backward (b)	6 / 10	6 / 10	6 / 10	6 / 10
	4.2 Mast height - closed h1(mm)	3550	3950	3950	4600
	4.3 Free lift h2(mm)	190	250	250	320
	4.4 Lift h3(mm)	4000	4000	4000	4000
	4.5 Mast height - extended h4(mm)	5550	5950	5950	6600
	4.6 Full free lift, duplex / triplex h5(mm)	-	-	-	-
	4.7 Height of overhead guard h6(mm)	2900	3100	3200	3250
	4.8 Seat height h7(mm)	1560	1760	1860	1910
	4.9 Length to fork face L2(mm)	5605	5955	6155	6750
	4.10 Overall width B(mm)	2690	3100	3100	3600
	4.11 Fork dimension (thickness/width/length) s/e/l(mm)	100x250x2400	100x250x2400	110x250x2400	115x310x2400
	4.12 Fork carriage to ISO 2328, Class A, B	Fork positioner and side shifter	Fork positioner and side shifter	Fork positioner and side shifter	Fork positioner and side shifter
4.13 Ground clearance laden under mast m1(mm)	300	300	300	300	
4.14 Ground clearance center of wheel base m2(mm)	340	400	500	500	
4.15 Aisle width, pallet 800x1200 / 1000x1200 mm	8790	9420	9620	10300	
4.16 Turning radius Wa(mm)	5190	5820	6020	6700	
Performance Data	5.1 Travel speed, laden / unladen km/h	25 / 28	25 / 28	25 / 28	25 / 28
	5.2 Lifting speed, laden / unladen m/s	0.35 / 0.40	0.25 / 0.29	0.25 / 0.29	0.25 / 0.29
	5.3 Lowering speed, laden / unladen m/s	0.50 / 0.30	0.50 / 0.30	0.50 / 0.30	0.50 / 0.30
	5.4 Drawbar pull, laden / unladen kN	96	190	180	210
	5.5 Gradeability, laden / unladen %	23	31	28	28
	5.6 Service brake, type	Hydraulic	Hydraulic	Hydraulic	Hydraulic
	5.7 Parking brake, type	Hydraulic	Hydraulic	Hydraulic	Hydraulic
Engine	6.1 Engine manufacturer / type	Iveco N67MNTX	Iveco N67ENT	Iveco N67ENT	Iveco C78 ENT
	6.2 Engine output to ISO 1585 kW	120	175	175	220
	6.3 Rated speed rotation 1/min	2200	2200	2200	2200
	6.4 Cylinders / displacement /cm3	6 / 6700	6 / 6700	6 / 6700	6 / 7800
Other Details	7.1 Fuel tank capacity	180	250	250	320
	7.2 Transmission manufacturer / type	Clark T20000	Clark HR32000	Clark HR32000	Clark HR36000
	7.3 Coupling	Torque converter 3 / 3	Torque converter 3 / 3	Torque converter 3 / 3	Torque converter 3 / 3
	7.4 Working pressure for attachments bar	180	180	180	180



	D 160				D 200				D 250				D 320			
	duplex								duplex							
h3	4500	5000	5500	6000	4500	5000	5500	6000	4500	5000	5500	6000	4500	5000	5500	6000
h1	3800	4050	4300	4550	4200	4450	4700	4950	4200	4450	4700	4950	4850	5100	5350	5600
h4	5150	5650	6150	6650	6450	6950	7450	7950	6450	6950	7450	7950	7100	7600	8100	8600
h2	190	190	190	190	250	250	250	250	250	250	250	250	320	320	320	320
a/b	6/10	6/10	3/5	3/5	6/10	6/10	3/5	3/5	6/10	6/10	3/5	3/5	6/10	6/10	3/5	3/5



D320
D250
D200
D160

HMT trucks conform to the EU Safety Requirements



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