

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 D/G 16–20–25

Diesel and gas forklifts with hydrodynamic drive units
1600, 2000, 2500 kg

HMT

Hercu - Milko Tanev

HMT hydrodynamic diesel and LPG 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

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

Large options of lifting equipments and attachments



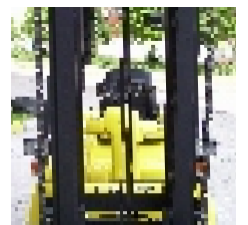
Manoeuvre ability



Reliable engine



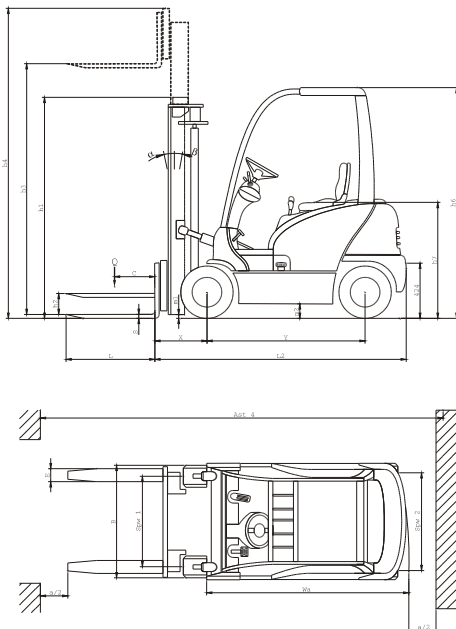
Easy service



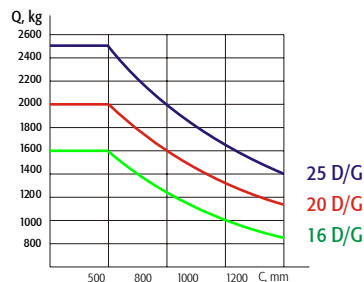
Wide view

Technical Data

Identification	1.1 Manufacturer	Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.	
	1.2 Type	16 D	16 G	20 D	20 G	25 D	25 G
	1.3 Drive: elec., diesel, gasoline, LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG
	1.4 Driver position: Seated	Seated		Seated		Seated	
	1.5 Load capacity Q(t)	1,60		2		2,5	
	1.6 Load center C(mm)	500		500		500	
	1.7 Distance from CL of front axle to fork face X(mm)	347		347		418	
	1.8 Wheel base Y(mm)	1370		1370		1520	
Weights	2.1 Weight - unladen kg	2800		3140		3302	
	2.2 Axle weight laden, front / rear kg	3530 / 870		4270 / 710		5520 / 620	
	2.3 Axle weight unladen, front / rear kg	1200 / 1600		1220 / 1920		1472 / 1830	
Wheels, Chassis	3.1 Tyre type: SE=Superelastic, L=Pneumatic	L / L		L / L		L / L	
	3.2 Tyre size, front	18x7 – 8		18x7 – 8		21x8 – 9	
	3.3 Tyre size, rear	18x7 – 8		18x7 – 8		18x7 – 8	
	3.4 Wheels, no. front / rear (x=drive)	2 x / 2		2 x / 2		2 x / 2	
	3.5 Track, Spw1 / Spw2 front / rear	1814 / 1686		1814 / 1686		1814 / 1686	
Basic Dimensions	4.1 Mast tilt angles, forward () / backward ()	5/12		5/12		5/12	
	4.2 Mast height - closed h1(mm)	2210		2210		2210	
	4.3 Free lift h2(mm)	80		80		130	
	4.4 Lift h3(mm)	3300		3300		3300	
	4.5 Mast height - extended h4(mm)	3805		3805		3805	
	4.6 Full free lift, duplex / triplex h5(mm)	-		-		-	
	4.7 Height of overhead guard h6(mm)	1994		1994		2014	
	4.8 Seat height h7(mm)	994		994		1014	
	4.9 Length to fork face L2(mm)	2128		2233		2427	
	4.10 Overall width B(mm)	1080		1080		1120	
	4.11 Fork dimension (thickness/width/length) s/e/l(mm)	40x100x1150		40x100x1150		40x100x1150	
	4.12 Fork carriage to ISO 2328, Class A, B	2A		2A		2A	
	4.13 Ground clearance laden under mast m1(mm)	80		80		100	
	4.14 Ground clearance center of wheel base m2(mm)	110		110		130	
	4.15 Aisle width, pallet 800x1200 / 1000x1200 mm	3354 / 3554		3444 / 3644		3638 / 3838	
	4.16 Turning radius Wa(mm)	1980		2070		2220	
Performance Data	5.1 Travel speed, laden / unladen km/h	17 / 19		17 / 19		17 / 19	
	5.2 Lifting speed, laden / unladen m/s	0.40 / 0.50		0.40 / 0.50		0.40 / 0.50	
	5.3 Lowering speed, laden / unladen m/s	0.50 / 0.30		0.50 / 0.30		0.50 / 0.30	
	5.4 Drawbar pull, laden / unladen kN	16		15,5		15	
	5.5 Gradeability, laden / unladen %	35		30		24	
	5.6 Service brake, type	Hydraulic		Hydraulic		Hydraulic	
	5.7 Parking brake, type	Hand		Hand		Hand	
Engine	6.1 Engine manufacturer / type	Cummins A2300	VW ADF 0,26	Cummins A2300	VW ADF 0,26	Cummins A2300	VW ADF 0,26
	6.2 Engine output to ISO 1585 kW	38	42	38	42	38	42
	6.3 Rated speed rotation 1/min	2800	2800	2800	2800	2800	2800
	6.4 Cylinders / displacement /cm3	4 / 1800	4 / 1800	4 / 1800	4 / 1800	4 / 1800	4 / 1800
Other Details	7.1 Fuel tank capacity	34		34		34	
	7.2 Transmission manufacturer / type	Graziano TXL 15		Graziano TXL 15		Graziano TXL 15	
	7.3 Coupling	hydrodynamic 1/1		hydrodynamic 1/1		hydrodynamic 1/1	
	7.4 Working pressure for attachments bar	180		180		180	



	16 D/G; 20 D/G; 25 D/G								
	simplex			duplex			triplex		
h3	3700	4000	4500	4800	2800	4200	4800	5150	6000
h1	2480	2630	2880	3130	1990	1980	2200	2310	2430
h4	2480	-	-	-	3380	4760	5360	5710	6560
h2	100	100	100	100	0	-	-	-	-
h5	-	-	-	-	1420	1420	1640	1750	2040
/	5/10	5/10	5/10	3/6	5/10	5/10	3/6	3/6	3/6



Capacity	Lifting heights								
	simplex			duplex		triplex			
16 D/G	1.45	1.4	1.35	1.3	1.6	1.4	1.3	1.2	1.1
20 D/G	1.8	1.75	1.6	1.5	2.0	1.7	1.65	1.5	1.35
25 D/G	2.3	2.25	2.1	2.0	2.5	2.2	2.15	2.0	1.85

HMT trucks conform to the EU Safety Requirements



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