

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 30–35–40–50

Diesel and gas forklifts with hydrodynamic drive units
3000, 3500, 4000, 5000 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



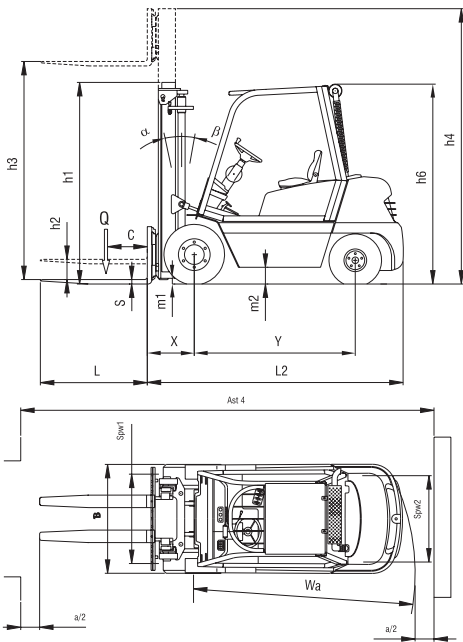
Easy service



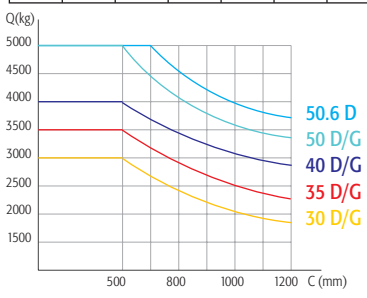
Wide view

Technical Data

Identification	1.1 Manufacturer	Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.		Hercu – Milko Tanev Inc.	
	1.2 Type	30 D	30 G	35 D	35 G	40 D	40 G	50 D	50 G	50.6 D	
	1.3 Drive: elec., diesel, gasoline, LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG	Diesel	LPG	Diesel	
	1.4 Driver position: Seated	Seated		Seated		Seated		Seated		Seated	
	1.5 Load capacity Q(t)	3.0		3.5		4.0		5.0		5.0	
	1.6 Load center C(mm)	500		500		500		500		600	
	1.7 Distance from CL of front axle to fork face X(mm)	495		495		540		540		540	
	1.8 Wheel base Y(mm)	1800		1800		1800		1800		2000	
Weights	2.1 Weight - unladen kg	4450		4700		5430		6130		6350	
	2.2 Axle weight laden, front / rear kg	6760 / 600		7560 / 640		8360 / 1050		10000 / 930		10500 / 980	
	2.3 Axle weight unladen, front / rear kg	1900 / 2450		2100 / 2600		2100 / 3330		2200 / 3930		2300 / 4050	
Wheels, Chassis	3.1 Tyre type: SE=Superelastic, L=Pneumatic	L / L		L / L		L / L		L / L		L / L	
	3.2 Tyre size, front	8.15 – 15 PR 14		8.15 – 15 PR 14		250 – 15 PR 18		250 – 15 PR 18		250 – 15 PR 18	
	3.3 Tyre size, rear	6.50 – 10 PR 14		6.50 – 10 PR 14		6.50 – 10 PR 14		23x9 – 10 PR 20		23x9 – 10 PR 20	
	3.4 Wheels, no. front / rear (x=drive)	2 x / 2		2 x / 2		2 x / 2		2 x / 2		2 x / 2	
	3.5 Track, Spw1 / Spw2 front / rear	991/1024		991/1024		1031/1024		1031 / 1054		1031 / 1054	
Basic Dimensions	4.1 Mast tilt angles, forward (α) / backward (β)	5/12		5/12		5/12		5/12		5/12	
	4.2 Mast height - closed h1(mm)	2240		2240		2240		2340		2400	
	4.3 Free lift h2(mm)	130		130		130		130		130	
	4.4 Lift h3(mm)	3300		3300		3300		3300		3300	
	4.5 Mast height - extended h4(mm)	3825		3825		3825		4140		4340	
	4.6 Full free lift, duplex / triplex h5(mm)	-		-		-		-		-	
	4.7 Height of overhead guard h6(mm)	2220		2220		2220		2220		2220	
	4.8 Seat height h7(mm)	1170		1170		1170		1170		1170	
	4.9 Length to fork face L2(mm)	2626		2845		2920		2920		3120	
	4.10 Overall width B(mm)	1220		1220		1300		1300		1300	
	4.11 Fork dimension (thickness/width/length) s/e/l(mm)	45x125x1150		45x125x1150		45x125x1150		45x130x1150		50x150x1150	
	4.12 Fork carriage to ISO 2328, Class A, B	3A		3A		3A		3A		4A	
4.13 Ground clearance laden under mast m1(mm)	130		130		130		130		130		
4.14 Ground clearance center of wheel base m2(mm)	170		170		170		170		170		
4.15 Aisle width, pallet 800x1200 / 1000x1200 mm	3710 / 3910		3866 / 4066		3896/4096		3896/4096		4191/4391		
4.16 Turning radius Wa(mm)	2350		2450		2690		2690		2890		
Performance Data	5.1 Travel speed, laden / unladen km/h	19 / 20		19 / 20		19 / 20		19 / 20		19 / 20	
	5.2 Lifting speed, laden / unladen m/s	0.5 / 0.55		0.5 / 0.55		0.40 / 0.40		0.40 / 0.40		0.36 / 0.36	
	5.3 Lowering speed, laden / unladen m/s	0.50 / 0.30		0.50 / 0.30		0.50 / 0.30		0.50 / 0.30		0.50 / 0.30	
	5.4 Drawbar pull, laden / unladen kN	20		20		20		35		35	
	5.5 Gradeability, laden / unladen %	22		22		22		35		35	
	5.6 Service brake, type	Hydraulic		Hydraulic		Hydraulic		Hydraulic		Hydraulic	
	5.7 Parking brake, type	Hand		Hand		Hand		Hand		Hand	
Engine	6.1 Engine manufacturer / type	IVECO F32 VAMO 3900		IVECO F32 VAMO 3900		IVECO F32 VAMO 3900		IVECO F32 VAMO 3900		IVECO F32	
	6.2 Engine output to ISO 1585 kW	55		54		55		54		55	
	6.3 Rated speed rotation 1/min	2200		2200		2200		2200		2200	
	6.4 Cylinders / displacement /cm3	4 / 3200		4 / 3900		4 / 3200		4 / 3900		4 / 3200	
Other Details	7.1 Fuel tank capacity	57		57		57		57		57	
	7.2 Transmission manufacturer / type	Graziano PST 1		Graziano PST 1		Graziano PST 1		Graziano PST 2		Graziano PST 2	
	7.3 Coupling	hydrodynamic 1/1		hydrodynamic 1/1		hydrodynamic 1/1		hydrodynamic 2/2		hydrodynamic 2/2	
	7.4 Working pressure for attachments bar	180		180		180		180		180	



	D (G) 30; 35; 40								D (G) 50									
	simplex				triplex				simplex				triplex					
h3	3700	4000	4500	5000	4300	4800	5100	5500	6000	3700	4000	4500	5000	4300	4800	5100	5500	6000
h1	2440	2590	2840	3190	2060	2220	2340	2460	2630	2540	2690	2940	3290	2160	2320	2440	2560	2730
h4	4225	4525	5025	5525	4760	5260	5600	5960	6470	4540	4840	5340	5840	5100	5600	5940	6300	6810
h2	130	130	130	130	0	0	0	0	0	130	130	130	130	0	0	0	0	0
h5	0	0	0	0	1460	1640	1750	1860	2020	0	0	0	0	1460	1640	1750	1860	2020
α/β	5/12	5/12	5/12	3/6	5/12	3/6	3/6	3/6	3/6	5/12	5/12	5/12	3/6	5/12	3/6	3/6	3/6	3/6



Capacity	Lifting heights									
	simplex					triplex				
3.0 t	3.0 t	3.0 t	3.0 t	2.8 t	2.5 t	2.8 t	2.6 t	2.5 t	2.4 t	2.4 t
3.5 t	3.5 t	3.5 t	3.5 t	3.3 t	3.0 t	3.3 t	3.2 t	3.0 t	2.8 t	2.8 t
4.0 t	4.0 t	4.0 t	4.0 t	3.7 t	3.3 t	3.7 t	3.5 t	3.3 t	3.0 t	3.0 t
5.0 t	5.0 t	5.0 t	5.0 t	4.7 t	4.3 t	4.7 t	4.5 t	4.3 t	4.0 t	4.0 t

HMT trucks conform to the EU Safety Requirements



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