

SERIES HMT 4

HERCU

MILKO TANEV
INC.

CHARACTERISTICS	Type	Model designation		HMT 100 D	HMT 120 D	HMT 160 D	HMT 200.40 D	HMT 250.40 D	HMT 320.40 D
	Load capacity	Q - capacity	t	10	12	16	20	25	32
	Nominal load center	C - distance	mm	900	1200	1200	1200	1200	1200
	Power type	electric (battery), diesel, gas, petrol		diesel	diesel	diesel	diesel	diesel	diesel
	Driver position	standing, seated		seated	seated	seated	seated	seated	seated
	Tyres	L - pneumatic, SE - super elastic ront/rear		L / L	L / L	L / L	L / L	L / L	L / L
	Wheels	Number, front/rear (X-drive)		4x2	4x2	4x2	4x2	4x2	4x2
DIMENSIONS	Mast lift heights	h3	mm	4000	4000	4000	4000	4000	4000
	Fork dimensions	S/E/L	mm	80/ 200/ 1800	90/ 220/ 2400	100/ 250/ 2400	100/ 250/ 2400	110/ 250/ 2400	115/ 310/ 2400
	Mast tilt angels	forward (a) / backward (b)	deg	5/ 10	5/ 10	5/ 10	5/ 9	5/ 9	5/ 9
	Overall	L2 - Truck lenght - overall	mm	4485	5455	5455	5955	6155	6750
	Dimensions	B - width	mm	2500	2740	2740	3100	3100	3600
		h1 - mast height - lowered	mm	3350	3550	3550	3950	3950	4600
		h4 - mast height - raised	mm	5350	5550	5550	5950	5950	6600
		h6 - height loadguard	mm	2850	2900	2900	3100	3200	3250
		h7 - seat height	mm	1510	1560	1560	1760	1860	1910
		Turning radius	Wa	mm	3980	4735	4900	5820	6020
PERFORMANCE	Speeds	travel - laden/ unladen	km/h	24	25	25	25/ 28	25/ 28	25/ 28
		lifting - laden/ unladen	m/s	0,35	0,35	0,35	0,25/ 0,29	0,23/ 0,27	0,16/ 0,20
		lowering - laden/ unladen	m/s	0,35	0,35	0,35	0,30/ 0,20	0,30/ 0,20	0,30/ 0,20
	Drawbar pull	laden/ unladen	kN	80	91	91	190	180	210
	Gradeability	laden/ unladen	%	31	27	23	31	28	26
WEIGHT	Weight	unladen	kg	15600	19500	22620	30120	35500	48300
	Axle weight	laden front/rear	kg	23000/ 2600	28930/ 2570	36020/ 2600	46520/ 3600	55820/ 4680	72440/ 7860
		unladen front/rear	kg	7800/ 7800	9895/ 9605	10460/ 12160	16566/ 13554	17040/ 18460	22218/ 26082
CHASSIS	Wheels	front/ rear	Pcs	4/ 2	4/ 2	4/ 2	4/ 2	4/ 2	4/ 2
	Tyre size	front		9.00 x 20	12.00 x 20	12.00 x 20	14.00 x 24	16.00 x 25	18.00 x 25
		rear		9.00 x 20	12.00 x 20	12.00 x 20	14.00 x 24	14.00 x 24	18.00 x 25
	Wheelbase	Y	mm	2800	3500	3500	4000	4200	4500
	Track	Spw1/Spw2 front/rear	mm	1908/ 1696	2020/ 1696	2020/ 1696	2240/ 2010	2240/ 2010	2440/ 2510
	Grounde clearance	m1 - load at lowest point	mm	300	300	300	300	300	300
		m2 - load at wheelbase center	mm	300	340	340	400	500	500
ENGINE AND TRANSMISSION	Service brake	mech/hydr/electr/pneumatic		hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
	Parking brake	foot/hand		hand	hand	hand	hand	hand	hand
	Internal	manufacturer / type		Cummins 4BT3.9C	Cummins 6BT5.9C	Cummins 6BT5.9C	Cummins BT5.9C	Cummins BT5.9C	Cummins CT8.3
	Combustion	power	kW/rpm	93/ 2200	112/ 2200	112/ 2200	149/ 2500	149/ 2500	186/ 2200
	Engine	cylinders / displacement	pcs/cm ³	4/ 3900	6/ 5900	6/ 5900	6/ 5900	6/ 5900	6/ 8300
	Transmission	type		Hydrostatic - Rexroth/ Hydrodynamic - Clark		Hydrostatic	Hydrostatic	Hydrostatic	
	Battery		Ah/V	135/ 12	135/ 12	135/ 12	- / 12	- / 12	- / 12
Attachment	Fork positioner and side shift	mm	2200 - 600	2400 - 600	2400 - 600	2600 - 800	2600 - 800	2900 - 950	

