

MF 6400/7400 MHP Specifications:

• = Standard ○ = Optional – = Not applicable/available NB. All models are available with Panoramic cab

Models		MF 6445 Dyna-6	MF 6455 Dyna-6	MF 6460 Dyna-6	MF 6465 Dyna-6	MF 6470 Dyna-6	MF 6475 Dyna-6	MF 6480 Dyna-6	MF 7465 Dyna-VT	MF 7475 Dyna-VT	MF 7480 Dyna-VT
Engine power nominal											
RATED HP @ 2200 RPM *ISO	HP (kW)	95 (70)	105 (77)	115 (84)	120 (88)	125 (92)	135 (99)	145 (107)	125 (92)	140 (103)	150 (110)
MAXIMUM HP @ 2000 RPM *ISO	HP (kW)	100 (74)	112 (82)	125 (92)	130 (96)	135 (99)	145 (107)	157 (116)	135 (99)	150 (110)	167 (123)
MAXIMUM TORQUE	*NM	400	463	538	543	585	607	649	585	681	711
Engine power in Transport/PTO											
MAXIMUM HP @ 2000 RPM *ISO	HP (kW)	110 (81)	125 (92)	135 (99)	140 (103)	145 (107)	160 (118)	170 (125)	–	–	–
MAXIMUM TORQUE	*NM	463	525	585	585	625	681	711	–	–	–
Max. power available @ PTO shaft											
MAXIMUM HP @ 1000 PTO RPM											
(OECD ACCURACY +/- 2%)	HP (kW)	88 (65)	100 (74)	110 (81)	115 (85)	120 (88)	130 (96)	140 (103)	115 (85)	130 (96)	140 (103)
Specific fuel consumption											
	†G/KWH	208	208	205	210	205	208	208	210	208	208
*ISO TR 14396 (EG 97/68 VALUES ARE COMPARABLE TO ISO VALUES +/- 0.5%) † OPTIMUM SPECIFIC FUEL CONSUMPTION (MANUFACTURER'S TEST)											
Engine											
	MAKE / TYPE	PERKINS 1104D-E44TA	PERKINS 1104D-E44TA	SISU DIESEL 44CTA	PERKINS 1106D-E66TA	SISU DIESEL 44CTA	PERKINS 1106D-E66TA	PERKINS 1106D-E66TA	PERKINS 1106D-E66TA	PERKINS 1106D-E66TA	PERKINS 1106D-E66TA
COOLING/FUEL INJECTION		—WATER COOLED, DIRECT INJECTION DIESEL. TIER LLL COMPLIANT. COMMON RAIL ELECTRONIC FUEL INJECTION. 4 VALVES PER CYLINDER —									
CAPACITY/NUMBER OF CYLINDERS	LITRE/NO.	4.4/4	4.4/4	4.4/4	6.6/6	4.4/4	6.6/6	6.6/6	6.6/6	6.6/6	6.6/6
ASPIRATION		—TURBOCHARGED, WITH WASTE GATE AND INTERCOOLER —									
Clutch											
OPERATION AND CONTROL		FORWARD AND REVERSE, MULTI-PLATE, OIL-COOLED CLUTCHES WITH HYDRAULIC ACTUATION AND ELECTRONIC CONTROL							–	–	–

Transmission											
Dyna-6 – Speedmatching	•	SEMI-POWERSHIFT GEARBOX WITH 6 DYNASHIFT RATIOS IN EACH OF 4 ELECTRO-HYDRAULICALLY CONTROLLED RANGES. POWER CONTROL AND SPEEDMATCHING FUNCTIONS							–	–	–
Dyna-6 – AutoDrive	○	AS ‘SPEEDMATCHING’, PLUS AUTODRIVE, GIVING MANUAL, SEMI- OR FULLY-AUTOMATED DYNASHIFT CHANGES							–	–	–
50 KM/H MAX. SPEED (DEPENDING ON MARKET/LEGISLATION)		–	–	○	○	○	○	○	–	–	–
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CREEPER SPEEDS	○	————— ADDITIONAL 12F/12R CREEPER SPEEDS —————							–	–	–
SUPERCREEP SPEEDS	○	————— ADDITIONAL 24F/24R CREEPER SPEEDS —————							–	–	–
Dyna-VT		–	–	–	–	–	–	–	STEPLESS CONTINUOUSLY VARIABLE TRANSMISSION		
FIELD SPEED RANGE									0.03 – 28 KM/H FORWARD AND 0.03 – 16 KM/H REVERSE		
ROAD SPEED RANGE									(.DEPENDING ON MARKET/LEGISLATION) 0.03 – 50 KM/H. FORWARD AND 0.03 – 38 KM/H REVERSE		
Power take-off - rear											
OPERATION AND CONTROL SPEED CHANGE:		———— INDEPENDENT, ELECTRO-HYDRAULIC WITH REAR FENDER-MOUNTED START/STOP CONTROL AND HEADLAND AUTOMATION. IN-CAB CONTROL LEVER ———									
SHIFTABLE FLANGED IN-CAB/EXTERNAL CONTROL		•/○	•/○	•/○	•/○	•/○	•/○	•/○	-/•	-/•	-/•
PTO SPEED @ ENGINE RPM											
540 RPM (6 SPLINE SHAFT)	RPM	1980	1980	1980	1980	1980	1980	1980	2100	2100	2100
1000 RPM (21 SPLINE SHAFT)	RPM	2000	2000	2000	2000	2000	2000	2000	2100	2100	2100
GROUND SPEED PTO		○	○	○	○	○	○	○	–	–	–
ECONOMY PTO, 540 OR 1000 RPM @ENGINE	RPM	○/1550	○/1550	○/1550	○/1550	○/1550	○/1550	○/1550	○/1520	○/1520	○/1520
SHAFT DIAMETER		————— 35MM (1 3/8IN) —————									

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SUSPENDED AXLE											
Standard wheels and tyres (FULL RANGE AVAILABLE, PLEASE CONSULT YOUR DEALER)											
FRONT		340/85R24 / 13.6R24	340/85R28 / 13.6R28	340/85R28 / 13.6R28	380/85R28 / 14.9R28	380/85R28 / 14.9R28	380/85R28 / 14.9R28	420/85R28 / 16.9R28	380/85R28 / 14.9R28	380/85R28 / 14.9R28	420/85R28 / 16.9R28
REAR		420/85R34 / 16.9R34	420/85R38 / 16.9R38	420/85R38 / 16.9R38	460/85R38 / 18.4R38	460/85R38 / 18.4R38	460/85R38 / 18.4R38	520/85R38 / 20.8R38	460/85R38 / 18.4R38	460/85R38 / 18.4R38	520/85R38 / 20.8R38
Weights and dimensions (APPROXIMATE, WITH 'STANDARD WHEELS AND TYRES, 4WD MODEL LESS FUEL)											
Weight MINIMUM NO BALLAST	KG	4150	4220	4570	5240	4610	5400	5470	5815	6060	6345
Dimensions (LESS FRONT WEIGHTS)											
OVERALL LENGTH TO LOWER LINK ENDS	M	4.25	4.25	4.32	4.79	4.32	4.79	4.79	4.79	4.79	4.79
OVERALL HEIGHT - OVER CAB	M	2.78	2.82	2.82	2.90	2.86	2.90	2.94	2.90	2.90	2.94
MINIMUM WIDTH	M	1.98	1.98	1.98	2.28	2.28	2.28	2.28	2.55	2.55	2.55
WHEELBASE	M	2.55	2.55	2.67	2.82	2.67	2.82	2.82	2.82	2.82	2.82
TURNING CIRCLE DIAMETER LESS BRAKES 2WD/4WD	M	7.4/8.4	7.4/8.4	7.7/8.9	-/9.6	-/8.4	-/9.6	-/10.0	-/9.6	-/9.6	-/10.0
Capacities											
FUEL TANK •/○	LITRE	130/190	130/190	145/190	270/-	145/190	270/-	270/-	270/-	270/-	270/-
*FENDER WIDTH COMPLYING WITH 50 KM/H MAXIMUM ROAD SPEED LEGISLATION											