

HP
120

MF4297



INNOVATION - COMMITMENT - PROXIMITY - VISION - RELIABILITY - LEADERSHIP - SUPPORT - TECHNOLOGY



MASSEY FERGUSON

MF 4297

Performance	
Engine's power at	
Rated Speed-kW (HP)*	88,5 (120)
PTO maximum power - kW (HP)	81,2 (110)
Peak torque on the engine @ 1400 rpm - Nm (mkgf)	460
Rated speed of engine - rpm	2200
	*ISO TR14396
Engine	
Model / Make	A420 / AGCO SISU POWER
Number of cylinders	4
Engine displacement - cm ³	4400
Suction	Turbo
Electric System	
Alternator - A	
- Platform / Cab	55 / 120
Voltage - V	12
Battery - Ah	
- Platform / Cab	100
Clutch	
Type	Splittorque
Material of the disc	Ceramic
- Diameter (transmission / IPTO) - mm	330 / 254
Transmission	
Flat Platform	12x4 CM (Side)
Cab	12x4 Synchro (Side)
Wheels	
Front	Rear
14.9-26 R1	23.1-30 R1
14.9-28 R1	18.4-38 R1
14.9-28 R1	18.4-38 R1 PAVT
14.9-28 R1	20.8-38 R1
14.9-28 R2	23.1-30 R2
	*Contact dealer for other options.
Power Take-off	
Type	Independent
Rated rotation of PTO (engine 1900 rpm) - rpm	540 or 540/1000
Steering System	
Type	Hydrostatic
Hydraulic System	
Three-point lift	
- Controls	Mechanical
- Lift cap. on ball joint-kgf	3800
- Maximum flow - l/min	17 or 27
- Maximum pressure - bar (kgf/cm ²)	210(214)
- Category	II
- Controls	Position, depth, reaction, constant pumping and transportation

Hydraulic System	
Remote Control	
- Type	independent
- Number of valves	2 or 3
- Type of valves	Centered by spring / Automatic disarming / Variable flow
- Maximum flow - l/min	65 or 75
- Variable Flow - l/min	40 / 45
- Maximum pressure - bar (kgf/cm ²)	170 (173)
Table of Speeds	
Engine rotation - rpm	2200
Rear wheel	23.1-30 R1

FRONT	
GEARS	SPEEDS
	2250 rpm
1st	2,5
2nd	3,2
3rd	4,1
4th	5,4
5th	6,9
6th	9,0
7th	10,1
8th	13,2
9th	16,9
10th	22,1
11th	28,1
12th	36,7

REVERSE	
GEARS	SPEEDS
	2250 rpm
1st	3,5
2nd	4,6
3rd	14,4
4th	18,9

Front Axle	
Type	4x4
Drive 4x4	Central
Differential block 4x4	Automatic

Rear Axle	
Final reduction	Epicyclical
Differential block	Activated by pedal

Breaks	
- Type	Discs in oil bath
- Drive	Hydraulic
- Parking	Lever and cable

Capacities	
Fuel tank - l	200 / 180
Engine sump - l	15
Transmission / hydraulic - l	46

Weights and Dimensions	
	4x4
Weight with ballast - kg	6740*
Total length - mm	4580
Maximum height - mm	2600
Distance between axles - mm	2740
Ground clearance - mm	410*
Gauge (minimum / maximum) - mm	
- Front	1645-2040
- Rear	2165
Turning radius - mm:	
With brakes	3750
Without brakes	4220
	*Pneu 23.1-30R1 - 14.9-26R1 (Plat.)

Basic Equipment	
EPCC with canvas, brake lights, warning and right/left blinking lights, position lamps, service lights, reverse light and sound signal - synchronized with the reverse gear, horn, rear-view mirrors, emergency switch, adjustable seat with arm rest, and seat belt. Front fender. Gaiters of fenders. Front and rear metal ballast. IPTO.	

Optional Equipment	
Starter heater, parts catalog, 7-pin electrical plug, grease pump, cab, PAVT rear tires.	

Specifications MF 4297

Every effort was made so the information contained in this publication could be as precise and updated as possible. However, discrepancies, errors or omissions may occur and details in the specifications may suffer changes at any moment without notice. Therefore, all specifications must be confirmed with your Massey Ferguson Dealer before you purchase your machine.



A MASSEY FERGUSON is a worldwide brand of AGCO
Apr/2010 | FOIMF4297



MASSEY FERGUSON

www.massey.com.br