

Massey-Ferguson
376 CF



MASSEY-FERGUSON 376 CF Specification sheet

PERFORMANCE

- Rated engine power at 2100 rev/min. 78 HP (+ 71 PS)
- Max engine torque at 1400 rev/min. 295 Nm (+ 269 Nm)
- Max P.T.O. horse power
- Rated engine speed 74 HP (+67 PS) 540 rev/min. 69 HP (+62 PS)
- 1000 rev/min. 69 HP (+62 PS)
- N.B. BS AU 141a (+DIN 70020)

ENGINE

Make Type	Perkins Diesel A4 - 236
Injection	Direct
Bore/Stroke	98.5 x 127 mm
Capacity/n. of cylinders	3870 cm ³ /4
Compression ratio	16:1
Cooling system	Liquid
Air cleaner	Oil bath

CLUTCH

Type

- Dry Dual Clutch with separate controls:
- Transmission Clutch by lever
- P.T.O. Clutch by lever

ELECTICS

Battery	12 Volts - 750 Amp
Alternator	540 Watts

TRANSMISSION

Base Gearbox (8 FWD + 4 REV)

OPTION 1:

Base Gearbox/creeper + reverse shuttle (16 FWD + 8 REV)

OPTION 2:

Base Gearbox/overdrive + reverse shuttle (16 FWD + 8 REV)

SPEED

At rated engine speed (Km/h)

Base Gearbox/creeper + reverse shuttle (16 FWD + 8 REV)

Gears	Forward	Reverse
1	0,27 Creeper Gear	
2	0,35 Creeper Gear	
3	0,46 Creeper Gear	
4	0,66 Creeper Gear	
5	0,86 Creeper Gear	
6	1,13 Creeper Gear	
7	1,51 Creeper Gear	
8	2,15 Creeper Gear	
Gears	Forward	Reverse
1	1,36 STD Gearbox	1,37 Shuttle
2	1,78 STD Gearbox	1,80 Shuttle
3	2,37 STD Gearbox	2,40 Shuttle
4	3,38 STD Gearbox	3,41 Shuttle
5	4,43 STD Gearbox	4,47 Shuttle
6	5,80 STD Gearbox	5,86 Shuttle
7	7,74 STD Gearbox	7,82 Shuttle
8	11,00 STD Gearbox	11,11 Shuttle

Base Gearbox/overdrive + reverse shuttle (16 FWD + 8 REV):

Gears	Forward	Reverse
1	1,36 STD Gearbox	1,37 Shuttle
2	1,78 STD Gearbox	1,80 Shuttle
3	2,37 STD Gearbox	2,40 Shuttle
4	3,38 STD Gearbox	3,41 Shuttle
5	4,43 STD Gearbox	4,47 Shuttle
6	5,80 STD Gearbox	5,86 Shuttle
7	7,74 STD Gearbox	7,82 Shuttle
8	11,00 STD Gearbox	11,11 Shuttle
Gears	Forward	Reverse
1	1,66 Overdrive	
2	2,18 Overdrive	
3	2,91 Overdrive	
4	4,13 Overdrive	
5	5,42 Overdrive	
6	7,10 Overdrive	
7	9,47 Overdrive	
8	13,46 Overdrive	

UNDERCARRIAGE - ROLLERS

- Undercarriage equipped with 5 rollers plus one roller supporting the chain.
- Rollers of long life type - regreasable
- Long life lubricated wheels idler - regreasable.
- Chain tention maintained by hydraulic cylinder.
- Rear suspension by means of cross bar on which two independent undercarriages are mounted.
- Front suspension by leaf spring.
- Q.ty chain links 37
- Shoe width 310 (360)
- Ground contact area 310 mm 10.300 cm²
360 mm 11.961 cm²
- Ground pressure 0.6; 0.31 Kg/cm²

POWER TAKE-OFF

Type Mechanical independent

Engagement:

- 540 rev/min. 1944 engine rev/min.
- 750 rev/min. 1934 engine rev/min.
- 1000 rev/min. 1917 engine rev/min.

Shaft diameter 35 mm. (1 3/8")

Number of splines 6

N.B. P.T.O. Combinations:

- 540 - 1000 rpm
- 540 - 750 rpm

HYDRAULICS

Functions Draft. position and intermix

Max oil output (hydraulic Lift) 37.4 l/min.

Max lift. capacity at link ends. links horizontal 2600 Kg

Auxiliary hydraulics max 3

STEERING CLUTCHES

Type Oil bath multi disc
Control By means of servo-assisted levers in combination with brakes

BRAKES

Type Oil bath multi disc
Control By steering levers and by a pedal located on each side
Parking Hand lever
Brake

CAPACITIES

Fuel tanks 75 Liters

OPERATOR AREA

- Suspended platform
- Anatomically shaped seat.
- All controls laid out rationally and within reach.
- Alternator charge warning light
- Engine oil pressure warning light
- Dry air cleaner blockage warning light
- Hydraulic lift oil filter warning light
- Parking brake warning light
- Trailer first second direction indicators, including tractor
- P.T.O. fast and slow speed indicator light
- Full beam warning light
- Parking brake warning light
- Water temperature gauge with danger light
- Fuel level gauge "low level" warning light
- Hour-counter
- Analog rev. counters (engine rpm and P.T.O. rpm)
- Two post folding safety frame

WEIGHTS AND DIMENSIONS

	STD	Wide
Weight in working order Kg	3720	3820
Width mm	1100	1300
Overall width (min.) mm	1410	1660
Track gauge mm	1650	1650
Track length mm	2997	2997
Ground clearance mm	220	220
Shoe width	310	360

OPTIONAL EQUIPMENTS

- Street pads
- Front hook
- Front counterweights
- External spool valves (up to 3)
- Safety belt
- Arm-rests

