

Tractor Specifications

1.

MASSEY FERGUSON MF-385-4WD

- **EDGE OVER 2WD**
- Traction (30% More)
- Drawbar Power (16% More)
- Drawbar Pull (34% More)
- Tyre Wear (15% less)
- Fuel Efficiency (15% More)
- Field Work Speed (13-20% More)



A multipurpose tractor

MF-385-4WD SPECIFICATIONS

PERFORMANCE

Maximum engine power @ 2,200 rpm/min	85 hp*
Maximum torque @ 1,600 rpm	291 Nm
Maximum PTO power at rated engine speed	70 hp**
* Certified to BS AU 141a	
** Manufacturer's estimate	

ENGINE

Make /Type	Perkins / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.1 litre
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostar
Throttle Control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, Air swirl
Fuel filter	Daul, High capacity with sedimentor
Exhaust	Vertical Muffler under bonet
Oil Cooler	Water Cooler

ELECTRICS	
Voltage	12V, negative earth
Battery	96 Ah
Starter	2.8 kW
Alternator	45 Amp.
CLUTCH	
Type	Dual
Diameter	305x254 mm
Lining Material	Cerametallic
TRANSMISSION	
Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear Speed	(kph)
Forward 1	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
Forward 5	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1	3.5
Reverse 2	14.1
POWER TAKE OFF	
Type	Live
Engine speed @ 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6
HYDRAULICS	
Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	4-Piston Ferguson Pump
Maximum Oil Flow	16.7 litre/min
Maximum Pressure	21 MPa at normal operating temperature
Max. lift capacity with lower links	2,145 kg
Horizontal lower links	Cat. I & II with interchangeable balls
4WD FRONT AXLE	
Axle Type	Parallel drive
Engagement	Machanical

STEERING	
Steering	Hydrostatic
REAR AXLE AND BRAKES	
Axle Type	Straddle with epicyclic reduction
Brake Type	Oil immersed, multi-disc
Braking Area	1,774 sq.cm.
Brakes Actuation	Hydraulic
Parking Brake	Hand lever operated
INSTRUMENTATION	
Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam Low engine oil pressure 4WD indication light
TYRES	
Front	12.4-24 (6PR)
Rear	18.4/15-30 (6PR)
TRACK ADJUSTMENT	
Front axle	1,376-1,944 mm
Rear axle	1,423-2,134 mm
WEIGHT AND DIMENSIONS	
Weight (with full fuel, oil and water))	
Weight front	1,429 kg
Weight rear	1,582 kg
Gross Weight	3,011 kg
Dimensions	
Wheel base	2,350 mm
Overall length	3,810 mm
Width minimum	1,871 mm
Height	
Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm
Turning Circle	
Without brakes	8,518 mm
Ground Clearance Under 4WD front axle	395 mm
Ground Clearance Under gear box	501 mm
CAPACITIES	
Fuel Tank	108.0 L
Engine sump	7.5 L
Cooling system	15.2 L
Hydraulic system	47.4 L
Power steering reservoir	2 L
4WD front axle differential	5.6 L

Hub each saide	1 L
Oil bath air cleaner	0.7 L
OPERATOR AREA	
Seat	Cushioned
Fenders	Flat top
Tool	Standard
STANDARD EQUIPMENT	
Chain stabilizers, Weight frame without weights, Standard tool box with set of tools. Top link, Cat - I balls. Check chains, Operator's manual	
OPTIONAL EQUIPMENT	
Front end weights, 9 hole draw bar. Sun Canopy.	
NOTE: Products and Specifications are subject to change without prior notice.	

2.

MASSEY FERGUSON MF-385

- HighPerformance 4.41, low noise Engine
- Gaseous Emmissions under ECE R49
- Reduced Smoke Level
- Oil Cooler added for effective cooling
- Hydrostatic Power Steering
- Efficient Oil Immersed Disc Brake System
- Spring Suspension Deluxe Seat
- Easy Accessibility to Service points.



A multipurpose tractor

MF-385 SPECIFICATIONS

PERFORMANCE	
Maximum engine power @ 2,200 rpm/min	85 hp*
Maximum torque @ 1,600 engine rpm	291 Nm
Maximum PTO power at rated engine speed	70 hp**
* Certified to BS AU 141a	
** Manufacturer's estimate	
ENGINE	
Make /Type	Perkins / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.1 litre
Compression ratio	15.3:1
Starting aid	Thermostar
Throttle Control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, Air swirl
Fuel filter	Daul, High capacity with sedimentor
Exhaust	Vertical Muffler under bonet
ELECTRICS	
Voltage	12V, negative earth
Battery	96 Ah
Starter	2.8 kW
Alternator	45 Amp.
CLUTCH	
Type	Dual
Diameter	305x254 mm
Lining Material	Cerametallic
TRANSMISSION	
Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear Speed	(kph)
Forward 1	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
Forward 5	10.4

Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1	3.5
Reverse 2	14.1
POWER TAKE OFF	
Type	Live
Engine speed @ 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6
HYDRAULICS	
Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	4-Piston Ferguson Pump
Maximum Oil Flow	16.7 litre/min
Maximum Pressure	21 Mpa at normal operating temperature
Max. lift capacity with lower links	2,145 kg
horizontal lower links	Cat. I & II with interchangeable balls
FRONT AXLE	
Type	Box Section, Adjustable
STEERING	
Steering Systems	Hydrostatic
REAR AXLE AND BRAKES	
Axle Type	Straddle with epicyclic reduction
Brake Type	Oil immersed, multi-disc
Braking Area	1,774 sq.cm.
Brakes Actuation	Hydraulic
Parking Brake	Hand lever operated
INSTRUMENTATION	
Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Battery charge, Headlight main beam Low engine oil pressure, Brake lights
TYRES	
Front	7.50-16 (6PR)
Rear	18.4/15-30 (6PR)
TRACK ADJUSTMENT	
Front axle	1,271-1,881 mm
Rear axle	1,423-2,134 mm
WEIGHT AND DIMENSIONS	
Weight (with full fuel, oil and water)	

Gross Weight	2,440 kg
Dimensions	
Wheel base	2,286 mm
Overall length	3,760 mm
Overall Width	1,871 mm
Height	
Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm
Turning Circle	
Without brakes	7,520 mm
Ground clearance	501 mm
CAPACITIES	
Fuel Tank	108.0 L
Engine sump	7.5 L
Cooling system	15.2 L
Hydraulic system	36 L
Hydraulic Steering box	2 L
Oil bath air cleaner	0.7 L
STANDARD EQUIPMENT	
Chain stabilizers, Check chains, Spring suspension seat. Flat top fenders, Standard tool box with set of tools. Weight frame without weights. Top link, Cat - II balls. Operator's manual	
OPTIONAL EQUIPMENT	
Front end weights, 9 hole draw bar. Sun Canopy.	
NOTE: Products and Specifications are subject to change without prior notice.	

3.

MASSEY FERGUSON MF-375

- Hydrostatic Power Steering for Comfortable Driving.
- Hydraulically Actuated Oil-Immersed Multi-Disc Brake Systems with Pendant Paddle.
- Robust Straddle Rear Axle with Epicyclic Reduction Unit.
- Heavy-Duty Front Axle & Support.
- Bigger Capacity Fuel Tank.
- Fuel Efficient, 4.248 High Performance Engine.
- Greater Pulling Power.



- Higher P.T.O Power.
- Spring Suspension Deluxe Seat.
- Easy Accessibility to service Point.
- Spacious Operator's Area

A multipurpose tractor

MF-375 SPECIFICATIONS

PERFORMANCE

Maximum engine power @ 2,000 rpm/min	75 (B.S) hp
Maximum torque @ 1,400 rpm	290 Nm
Maximum PTO power at rated engine speed	69.5 hp*
PTP Power at 540 rpm	63.0 hp
* Engine certified to BS.AU 141a:(1971)	

ENGINE

Make /Type	Diesel /4.248
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.07 litre
Aspiration	Natural
Compression ratio	16:1
Starting aid	Thermostart
Throttle Control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet
Fuel filter	Daul, High capacity
Exhaust	Vertical Muffler under bonnet

Note: This is a premium heavy duty engine with tuffrided crankshat for longer life in adverse conditions.

ELECTRICS

Voltage	12V, Negative earth
Battery	110 Ah
Starter	2.8 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm
Lining Material	Cerametallic

TRANSMISSION

Type	Sliding spur
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Number of gears	8 forward, 2 reverse
Road speed at 2,000 engine rpm with 16.9/14x30 rear tyres	
Gear	Speed (kph)
Forward 1 (first low)	2.3
Forward 2	3.4
Forward 3	4.7
Forward 4	6.3
Forward 5 (first high)	9.3
Forward 6	13.6
Forward 7	18.6
Forward 8	25.0
Reverse 1 (low)	3.2
Reverse 2 (high)	12.7

POWER TAKE OFF

Type	Live
Engine speed @ 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft Control, Position Control, Response Control, Constant Pumping
Pump Type	Reciprocating Ferguson Pump
Maximum Oil Flow	16.7 litre/min
Maximum Pressure	21.2 MPa at normal operating temperature
Max. lift capacity with lower links horizontal	2,145 kg Cat. I & II with interchangeable balls

STEERING

Steering	Hydrostatic
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FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction Unit
Brake Type	Oil immersed, multi-disc
Brake Padal	Pendant
Braking Area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking Brakes	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
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Warming lights	Direction indicators, Battery charge, Headlight main beam Low engine oil pressure Brake lights & Auxiliary socket
TYRES	
Front	7.50-16 (6 PR)
Rear	16.9/14-30 (6 PR)
TRACK ADJUSTMENT	
Front axle	1,271 - 1,881 mm
Rear axle	1,423-2,134 mm
WEIGHT AND DIMENSIONS (Approximately)	
Weight	
Gross Weight	2,355 kg
Dimensions	
Wheel base	2,170 mm
Overall length	3,670 mm
Overall Width	1,970 mm
Height	
Over Exhaust	2,485 mm
Over Steering Wheel	1,730 mm
Turning Circle	
With brakes	7,260 mm
Without brakes	8,095 mm
Ground clearance (under gear box)	465 mm
CAPACITIES	
Fuel Tank	108.0 L
Engine sump	7.5 L
Cooling system	15.2 L
Hydraulic system	36 L
Steering box	0.7 L
Oil bath air cleaner	0.7 L
Brake Oil	0.25 L
STANDARD EQUIPMENT	
Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat-I, Cat I & II balls. Check Chains, Stabiliser Chains, Spring suspension seat, Flat top fenders & Operator's manual	
OPTIONAL EQUIPMENT	
Front end weights, Swinging drawbar, Sun Conopy, Pintle Hook and 9 hole drawbar	
NOTE: We reserve the right to change specifications without prior notice	