



THE POWER TO EVOLVE

The new range of 82 to 102 horsepower
tractors from **MASSEY FERGUSON**



MASSEY FERGUSON



Some machinery is destined to be superior.

We have a lineage that stems decades and over the years we have produced some of the world's finest agricultural machinery. Advanced and adaptive design and engineering is part of our DNA. It's what we do, evolving with influential products and meeting the business and lifestyle needs of our customers.

Welcome to Superior DNA from Massey Ferguson

Tough. Enough.

Tough, hardworking and stealthy: the new MF 5400 Series is aggressive when it comes to getting the job done. This highly responsive and adaptive machine is more than enough to meet your demands.

Taking superior design and the engineering genes of the MF 5400 Series, Massey Ferguson is moving forward with a new generation of tractor, a tractor that has evolved and will impress with its versatility.

Your working day is about to get a whole lot easier with this additional range of MF 5400 Series tractors. Withstanding the most arduous tasks, it has enough power to cope with the roughest terrain and most challenging jobs.

If you need a bit more muscle to tackle the wide variety of applications around the farm, this rugged and highly responsive tractor will fit your requirements.

Its sophisticated design shares well-known features with one of our world-renowned and best selling ranges, combined with up-to-the-minute engineering that fits specifically the needs of dairy, livestock, hillside and arable farmers.

If you're looking for a compact, agile loader tractor under 110 hp, then this exciting new range will provide excellent potential for your business.

Model range

Model	Cylinder	Engine Capacity	Max horsepower (kW)	Transmission type	
MF 5420	4	4.4	82 (60.4)	<i>Dyna-4</i>	16F/16R
MF 5430	4	4.4	92 (67.7)	<i>Dyna-4</i>	16F/16R
MF 5440	4	4.4	102 (75.1)	<i>Dyna-4</i>	16F/16R
MF 5450	4	4.4	107 (78.8)	<i>Dyna-4</i>	16F/16R



The new MF 5400: Adaptive. Agile. Precise.

This is a precision machine and has all the characteristics you'd expect from a superbly designed tractor. Powerful and responsive, this additional MF 5400 Series will adapt immediately to its environment.

High visibility, generous hydraulics and the new MF 900 Series loader make it perfect in dairy applications. Alternatively, with its high ground clearance, excellent stability, powerful engine and robust chassis, it's also the perfect arable application tractor. Either way, you're guaranteed an outstanding machine with vast capabilities.



Opposite page

- 01 Dyna-4 Transmission
- 02 4-cylinder Perkins engine
- 03 Optional cab suspension
- 04 A choice of cab roofs
- 05 Electronic linkage control
- 06 Optional 100 l/min hydraulics
- 07 New styling
- 08 Spacious, comfortable cab
- 09 New rear axle
- 10 New front axle
- 11 Excellent ground clearance
- 12 Impressive Power-to-weight ratio
- 13 Fuss-free service and maintenance

Outstanding features.

It's your tractor, you specify. With a satisfying range of options, you can adapt the MF 5400 Series to suit your sector.

01 Lighter, more adaptive and efficient Dyna-4 transmission with the easy-to-use Power Control lever.

02 Perkins 4-cylinder, mechanical injection engines ensure highly efficient power and fuel economy in various applications.

03 Optional Cab suspension for increased comfort when working on rugged, uneven terrain.

04 Choose from a Visio, slimline or standard roof.

05 Electronic linkage control: Hard working, heavy-duty electronic linkage control for fast, productive operations.

06 Outstanding hydraulics: 100 l/min (optional) for high speed loader operations.

07 NEW look. Each new model boasts a high visibility bonnet and a Visio roof can be specified, providing first-rate, all-round visibility. An industry leading, factory fitted MF 900 Series loader with a maximum lift height of 4m can also be specified.

08 The spacious, comfortable cab area now has a new, clearer dashboard. All controls are within easy reach.

09 NEW rear axle design: Specifically designed for this tractor, the new rear axle offers electro-hydraulic PTO speed selection and electro-hydraulic creeper control. Its compact design allows for excellent ground clearance.

10 NEW Fully integrated front axle design. Integrated Front Linkage System (IFLS) provides better stability and control when using front implements. Compact front linkage, front PTO plus an integrated loader subframe ensures closer attachment of implements and an impressive turning radius.

11 NEW Excellent ground clearance – the more compact transaxle provides improved clearance on rugged terrain and during hay harvesting and crop maintenance.

12 Power-to-weight - This rapid, more powerful machine offers an excellent power-to-weight ratio.

13 The pivoting bonnet allows for quick and easy access for servicing and maintenance, meaning less downtime for the operator.



Engine Performance		MF 5420	MF 5430	MF 5440	MF 5450
Max. hp @ 2000 rpm	✦ ISO hp (kW)	82 (60.4)	92 (67.7)	102 (75.1)	107 (78.8)
Rated hp @ 2200 rpm	✦ ISO hp (kW)	80 (58.9)	90 (66.2)	100 (73.6)	105 (77.3)
Max torque @ 1400 rpm	Nm	346	379	402	416
Specific fuel consumption	g/kWh	210	210	210	210

Engine

Type		1104D-44T	1104D-44TA	1104D-E44TA	1104D-E44TA
Model		Perkins			
Aspiration		Turbo	Turbo/intercooled		
Capacity/ no. of cylinders	l/min	4.4/4	4.4/4	4.4/4	4.4/4
Exhaust, side-mounted	Cab	●	●	●	●
Injection type		Mechanical			

Transmission

16F/16R 'Dyna-4' Semi powershift gearbox with left-hand Power Control Speedmatching. 40 km/h max speed†

Power Take Off (Rear)

Operation and control		Independent, electro-hydraulic with automated control. Speed change, electro-hydraulic control			
PTO speed @ engine rpm					
540/1,000	rpm	1920/1964			
540/540E/ or 1,000	rpm	1920/1560/1964			

Front linkage and PTO

Linkage lift capacity	Kg	2,500			
PTO operation and control	rpm	Independent, electro-hydraulic. 6 spline anti clockwise. 1000 rpm @ 2000 engine rpm			

Rear Linkage and hydraulics

Linkage control		Draft control, height/depth, Intermix, max height, lowering rate, lift/lower switch, active transport control, lift/lower lights			
Lateral adjustment type		Variable float telescopic			
Lower link attachment type		Hook ends (cat II)			
Max lift capacity at hitch point	Kg	4,300			
Dual Pump open centre system (flow/pressure)	l/min/ bar	32.7/17 + 57/200			
Twin Flow option (flow and pressure)		○			
Combined Max. oil flow available at spool valves	l/min /bar	100/200			

Steering	MF 5420	MF 5430	MF 5440	MF 5450
Hydrostatic	●	●	●	●

4WD Front axle

Diff. lock type		Electro-hydraulic			
Turning radius - 4WD	mm	3,950			

Wheels and tyres

Front		13.6R24			
Rear		16.9R34			

Operator area

Standard equipment includes:	Deluxe 'flat floor' cab, vertical side exhaust, tinted glass, opening side and rear windows, four-speed fan with heater unit, mechanical swivelling seat, radio/CD player, electronic linkage control, 2 spool valves, 2 front and 2 rear work lights, flashing beacon.				
Variable equipment includes:	Full air conditioning, pneumatic swivelling seat, passenger seat, rear windscreen wash/wipe, additional work lamps, 1 or 2 additional spool valves, hitch viewing mirror, opening front screen, roof hatch, low profile or standard height cab. Slim line, Visio or standard roof. Front weights.				

Weights and dimensions

Weight		3800	3800	3800	3900
Overall length from front weight frame to lower links ends (horizontal)	mm	4221			
Height (with standard tyres, approximate figure depending on tyre brand, pressure and load)					
Standard cab	mm	2750			
Low profile cab and slimline roof	mm	2550			
Low profile cab and Visio roof	mm	2670			
Fuel tank capacity	litres	130			

✦ ISO TR14396

● Standard

○ Optional

† On 30, 34 and 38 inch tyres (depending on market legislation)

- Not applicable

Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.



SUPERIOR DNA
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