

What if you could choose?

SUPERIOR DNA
from MASSEY FERGUSON

a tractor defined by the most superior features.

Specified by you.

Your tractor. Your specification.

Your choice.

MASSEY FE

7624

All in the DNA.

The new MF 7600 Series is built around our trademark standards of award-winning, innovative and advanced engineering. This is pure Massey Ferguson DNA.



New side exhaust with integrated catalysts and slip cats provides even lower emissions

New Diesel Oxidation Catalyser (DOC) - maintenance-free clean emissions system

The very latest 2nd generation stage 3B AGCO SISU POWER e³ engines with Selective Catalytic Reduction

Unique Massey Ferguson styling offers a clean, ultra-modern look

The new cooling package has been designed to ensure ultimate engine efficiency and easy access

AGCOMMAND/AutoGuide ready*

Brand new 'panorama' cab with side opening windows boasts a brand new interior with extensive updates. It offers exceptional ergonomic surroundings as well as plenty of space and comfort.

- New curved windscreen for greater visibility
- New - choice of joysticks and armrests
- New controls in right-hand pillar
- New - instrument panel and console
- Datatronic CCD

Available with either 'OptiRide Plus' semi-active cab suspension or mechanical suspension*, for greater flexibility and comfort

Choose between high-performance Dyna-6 and Dyna-VT transmissions. Dyna-6 now comes with Dyna-Power Management for extra power delivery in more demanding applications

Larger fuel and Adblue® tanks - work for longer without the hassle of refuelling

The only way forward.

The MF 7600 Series from Massey Ferguson

Massey Ferguson continues to shape the movement towards Selective Catalytic Reduction by including it in the new MF 7600 range. The future lies with the use of SCR and AdBlue to reduce nitrogen oxide and particulate emissions.

Our SCR system and the use of AdBlue is the way forward for all agricultural diesel engines. Already in its second generation, the AGCO SISU POWER engine and SCR system offers sustainable and future-proof levels of clean emissions whilst ensuring excellent fuel savings for the operator.

Features and benefits of SCR

New Diesel Oxidation Catalyser (DOC)

Located beneath the bonnet, the DOC is conveniently positioned so it does not impede access or visibility for the operator. No need to worry about servicing and cleaning, the system is maintenance free thanks to the overall design.

Improved monitoring of Nitrogen oxide (NOx) and exhaust temperatures

Better accuracy of AdBlue injection ensures that the correct amount is injected at all times.

New position of Urea (AdBlue) tank

Provides better insulation of AdBlue in low operating temperatures.

Larger fuel (430l) and AdBlue (40l) tanks

Work for longer without worrying about refuelling.

Proven savings

The operator will benefit from significant fuel savings that would not normally be available without SCR. AGCO SISU POWER continues to develop the most economical and efficient tractor engines.

Performance perfect

AGCO SISU POWER e³ engines with SCR, run at optimum efficiency without compromising engine performance. There is no need for additional service tools or expensive diagnostic interfaces in the vehicle with the use of SCR.

Massey Ferguson continues to be at the forefront of engine technology. Technology for tomorrow, ready for you to use today.

New exhaust and Diesel Oxidation Catalyst (DOC)

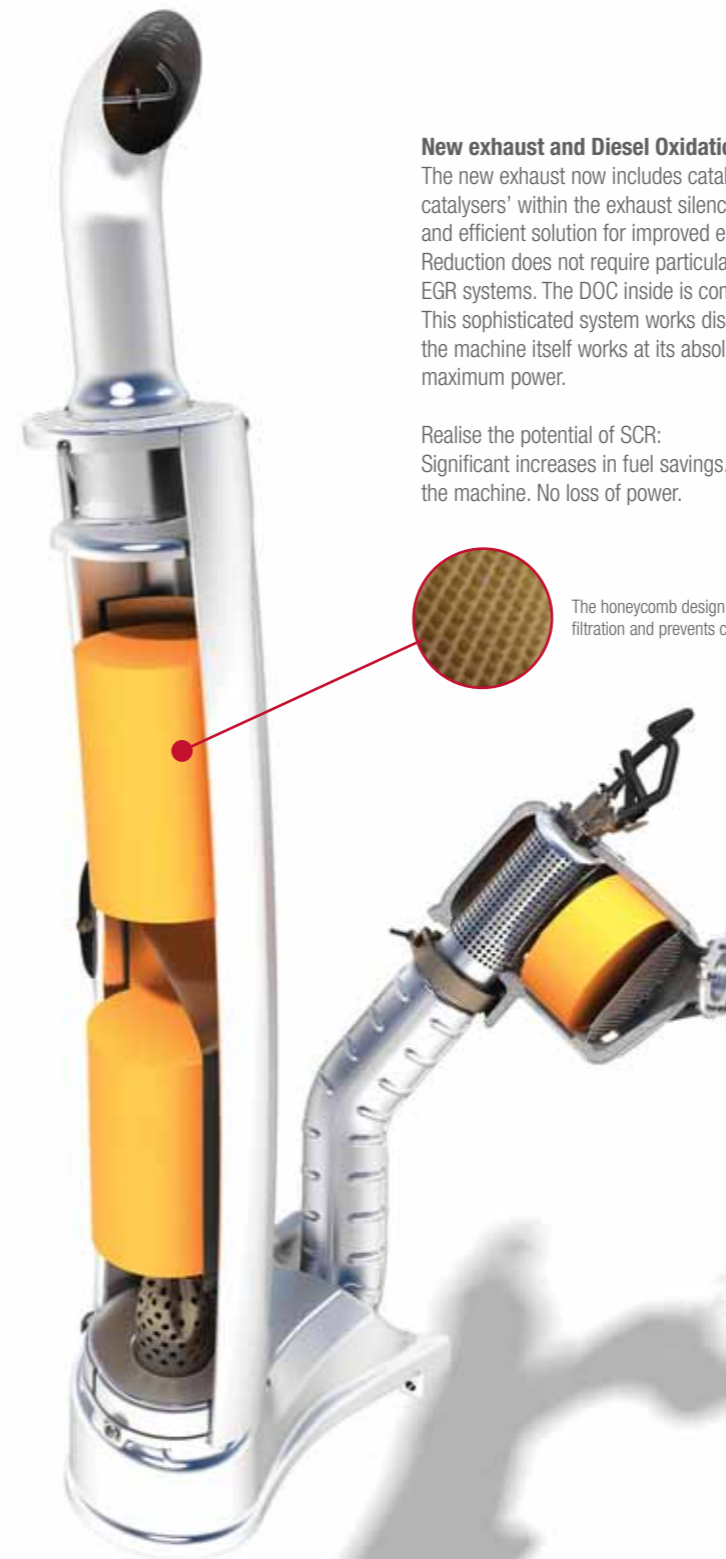
The new exhaust now includes catalytic converters and 'slip catalysers' within the exhaust silencer. These provide a unique and efficient solution for improved emissions. Selective Catalytic Reduction does not require particulate filter regeneration like typical EGR systems. The DOC inside is completely maintenance-free. This sophisticated system works discreetly in the background while the machine itself works at its absolute optimum efficiency and maximum power.

Realise the potential of SCR:
Significant increases in fuel savings. Cleaner emissions leaving the machine. No loss of power.

The honeycomb design of the catalysts ensures excellent filtration and prevents clogging

With Dyna-6 transmission		MF 7619	MF 7620	MF 7622	MF 7624
Engine type		AGCO SISU POWER e ³ engine with Selective Catalytic Reduction			
Capacity/ no. of cylinders		6.6/6	6.6/6	7.4/6	7.4/6
Max horsepower	rev/min	185	200	215	235
Max power with Dyna-6 Power Management	rev/min	210	220	240	260
Specific fuel consumption	g/kWh	192*	192*	192*	192*
With Dyna-VT transmission		MF 7619	MF 7620	MF 7622	MF 7624
Engine type		AGCO SISU POWER e ³ engine with Selective Catalytic Reduction			
Capacity/ no. of cylinders		6.6/6	6.6/6	6.6/6	7.4/6
Max horsepower	rev/min	185	200	215	235
Specific fuel consumption	g/kWh	192*	192*	192*	192*

* Manufacturer's testing



Tailored to meet your needs. The MF 7600 Series from Massey Ferguson

MF 7600 Series consists of three versions, tailored to meet the independent and specific needs of today's operators. Whether you're a contractor, agri-business or medium to large scale farmer, each unique package offers the ideal features, functionality and performance that fits your requirements, perfectly.



Cab options

	Essential	Efficient	Exclusive
Transmission type	Dyna-6 only	Dyna-6 and Dyna-VT	Dyna-6 and Dyna-VT
Armrest	Transmission control lever on console	Transmission control lever in Command Control Armrest	MultiPad on Command Control Armrest
Spool valve	Mechanical spools only	Mechanical and electric spools (Fingertip or Multifunction joystick)	Electrical spools only (Fingertip or Multifunction joystick)
Displays	Dash Control Centre	Optional Datatronic Control Centre Display (DCCD)	Standard Datatronic Control Centre Display (DCCD)
Cab suspension	Mechanical	Mechanical OptiRide Plus (Optional)	OptiRide Plus



“I simply want power and performance without all the high-level extras.”



Essential. Straightforward performance and reliability

Base specification

This is the base specification package from the MF 7600 Series. The Essential package combines simplicity, usability and tough versatility. The 'Essential' includes high-powered AGCO SISU POWER engines with Engine Power Management, Dyna-6 transmission, ultra-efficient hydraulics and robust build quality. Specifically engineered for customers looking for power as the priority, this version focuses on basic yet quality features and puts less emphasis on high-level ergonomics.

The Essential specification includes:

- Dyna-6 Autodrive transmission
- 40 Kph Eco
- 'T' lever in control centre
- Mechanical spool valves
- Closed Centre 110 l/min hydraulics
- Fixed front axle

PTO speed selection

- 540/1,000 rpm flanged PTO,
- 6/21 Spline shafts

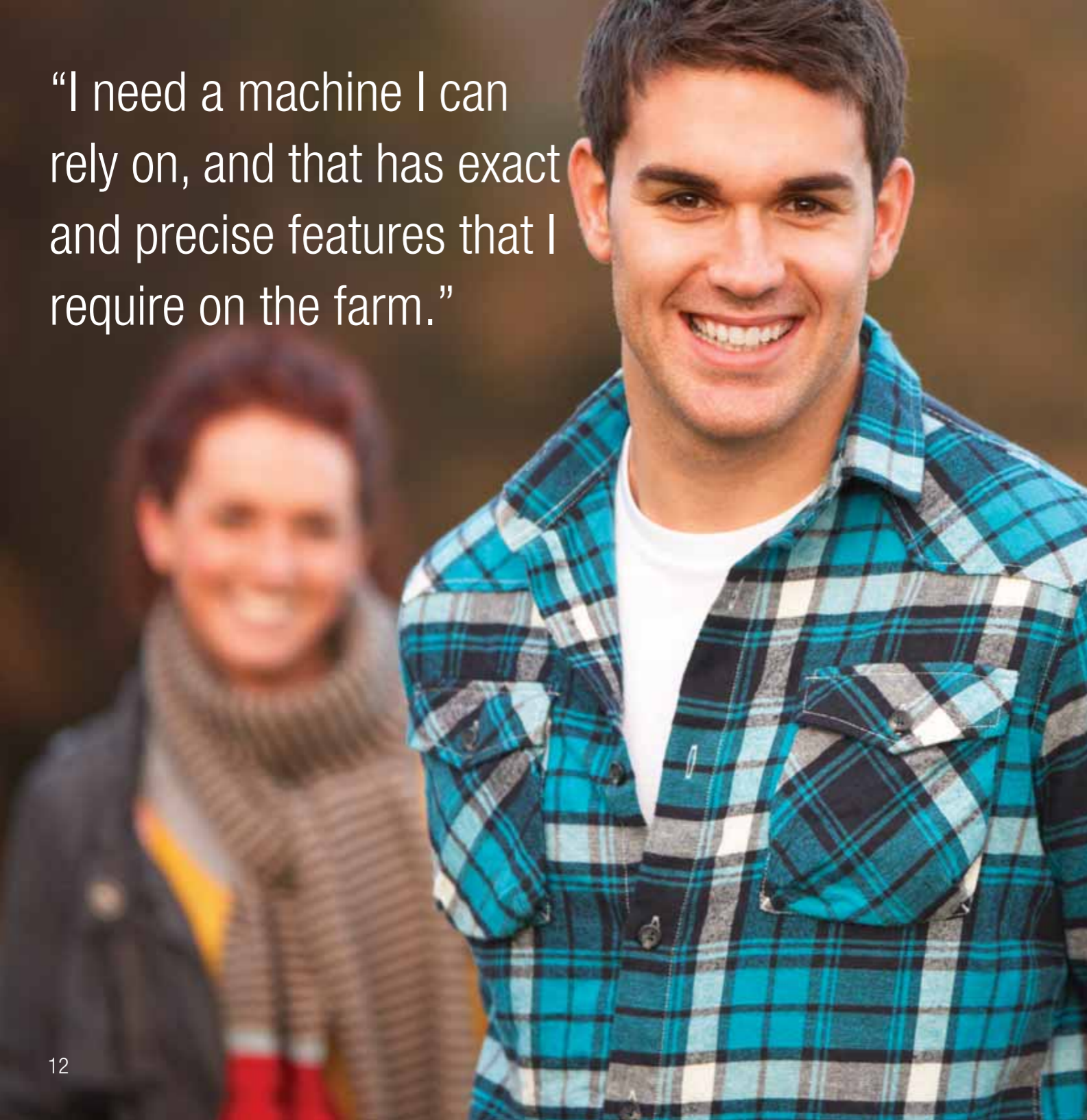
Optional

- Quadlink Suspended front axle
- 50 kph Eco transmission*
- Mechanical cab suspension
- Integrated front linkage and front PTO
- Integrated Tractor Control system
- AGCOMMAND ready
- Air brakes
- 504/540E/1000 rpm flanged PTO

* Depending on market / legislation



“I need a machine I can rely on, and that has exact and precise features that I require on the farm.”



Efficient. Smooth, reliable, capable

Efficient is the medium specification package for the MF 7600 Series. Choose from either Dyna-6 or Dyna-VT transmissions, a new Command Control Arm and both mechanical and electronic spool valves. Dedicated to typical arable farm use, it delivers all the essentials you'd come to expect from Massey Ferguson, including high levels of comfort, ergonomics and reliability.

Medium specification



The Efficient specification includes:

Dyna-6 Autodrive or Dyna-VT 40kph Eco
Command Control Armrest with 'T' lever
Closed Centre 110 l/min hydraulics
'QuadLink' front axle
Standard air conditioning
Analogue & digital instrument panel
Mechanical spring cab suspension
Automatic air suspended swivel seat

Spool valves

Mixed, 2 electronic and 1 or 2 mechanical spool valves
Electronic with fingertips (standard) or Multifunction joystick (optional)

PTO speed selection

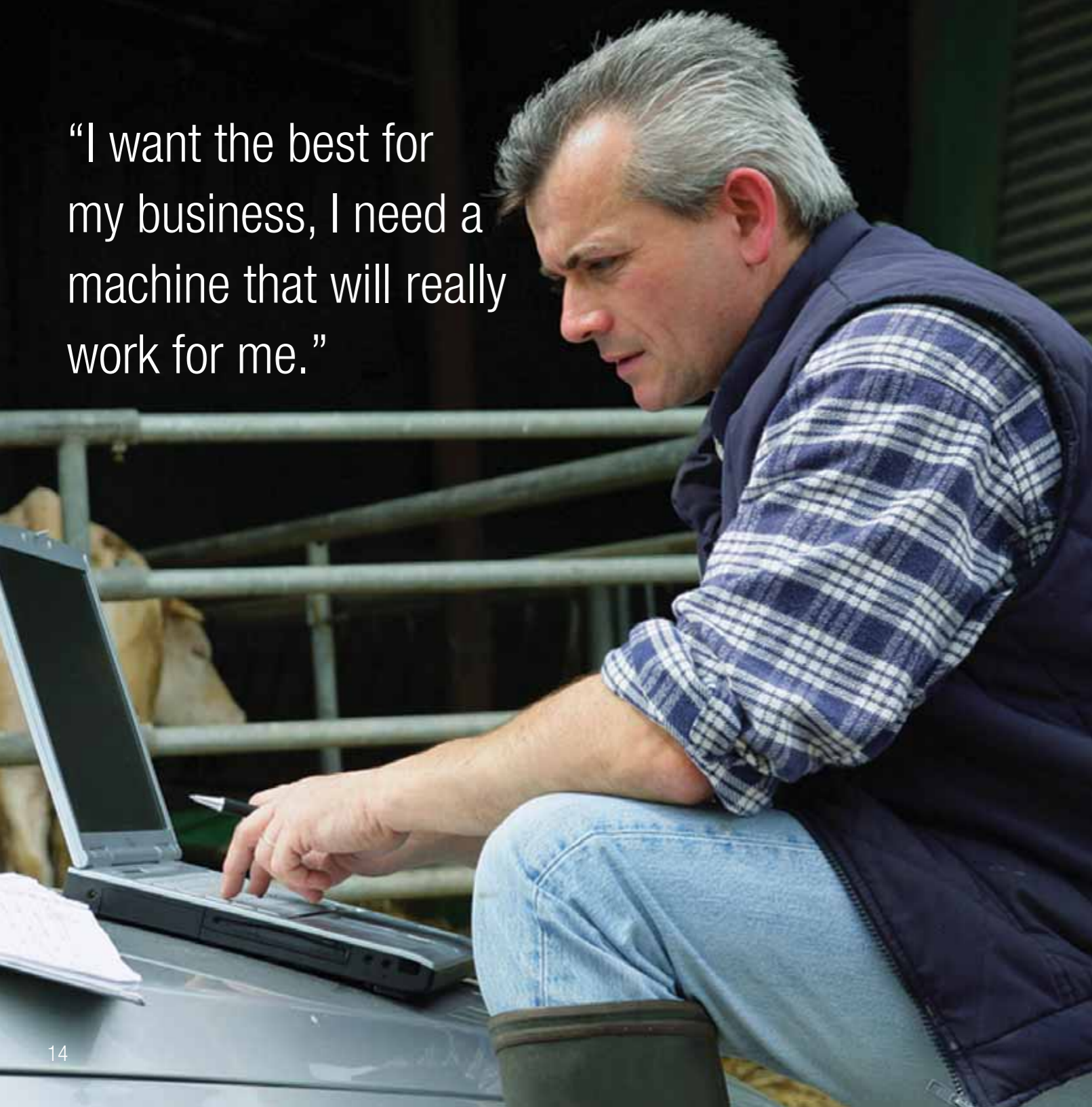
540/540E/1,000 rpm flanged PTO,
6/21 Spline shafts

Optional

50kph Eco Dyna 6 and Dyna VT*
OptiridePlus cab suspension
Integrated front linkage and front PTO
540/1000E/1,000 rpm flanged PTO,
6/21 Spline shafts (Dyna-6 only)
150 l/min hydraulics
Air brakes
Integrated Tractor Control System
Datatronic CCD
Automatic air conditioning
Speedsteer
AGCOMMAND ready
AutoGuide ready

* Depending on market / legislation

“I want the best for my business, I need a machine that will really work for me.”



Exclusive. Tough luxury with superior features

The Exclusive package is a combination of high-spec versatility and refinement. With Dyna-6 or Dyna-VT transmissions, a new Command Control Armrest with multipad lever and electronic spool valves, the Exclusive offers the best, world-renowned characteristics as well as a few new innovations. Dedicated to customers looking for a high powered tractor with advanced features and functionalities, including latest ergonomics and comfort.

The Exclusive cab specification includes:

- Dyna-6 Autodrive or Dyna-VT 40 kph Eco transmission
- Command Control Armrest with Super-Deluxe air suspended swivel seat
- MultiPad lever
- Closed Centre 110 l/min hydraulics
- 'QuadLink' front axle
- OptiRide Plus cab suspension
- Datatronic CCD with ISOBUS and camera provision
- Automatic air conditioning

Spool valves

Electronic spool valves with fingertips (base) or Multifunction joystick (optional)

PTO speed selection

540/540E/1,000 rpm flanged PTO,
6/21 Spline shafts

Optional

- 50 kph eco Dyna-6 and Dyna-VT*
- Air brakes
- Integrated front linkage and front PTO
- 150 l/min hydraulics
- Speedsteer
- AGCOMMAND ready and AutoGuide ready

* Depending on market / legislation



High spec MultiPad lever on the left-hand side of the Command Control Armrest and either fingertip or Multifunction joystick spool valve controls on the right-hand side of the armrest



Dyna-6

Performance, refined.

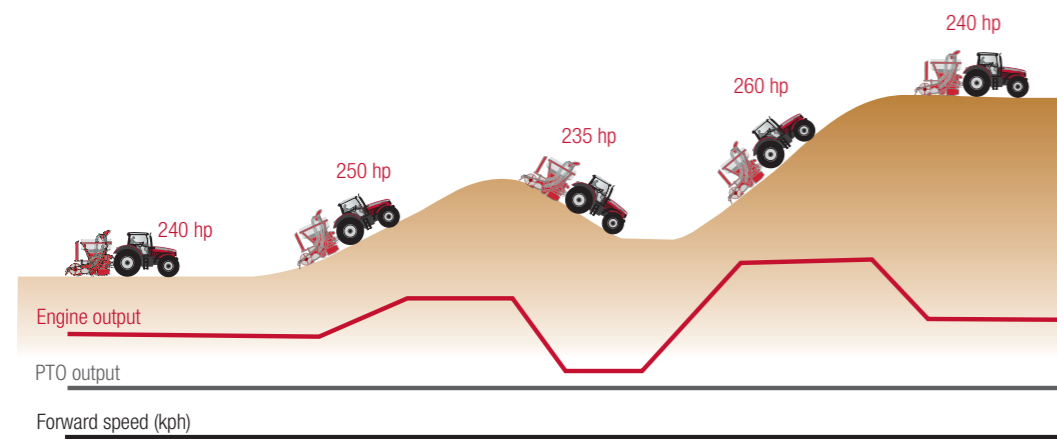
Dynamic performance comes as standard with Dyna-6 transmission. And now, this ultra-reliable, semi-powershift gearbox is even more refined. Introducing Dyna-6 Power Management.

The original and best semi-powershift transmission in the field today, Dyna-6 combines effortless operation with complete efficiency to create an extraordinary operator experience.

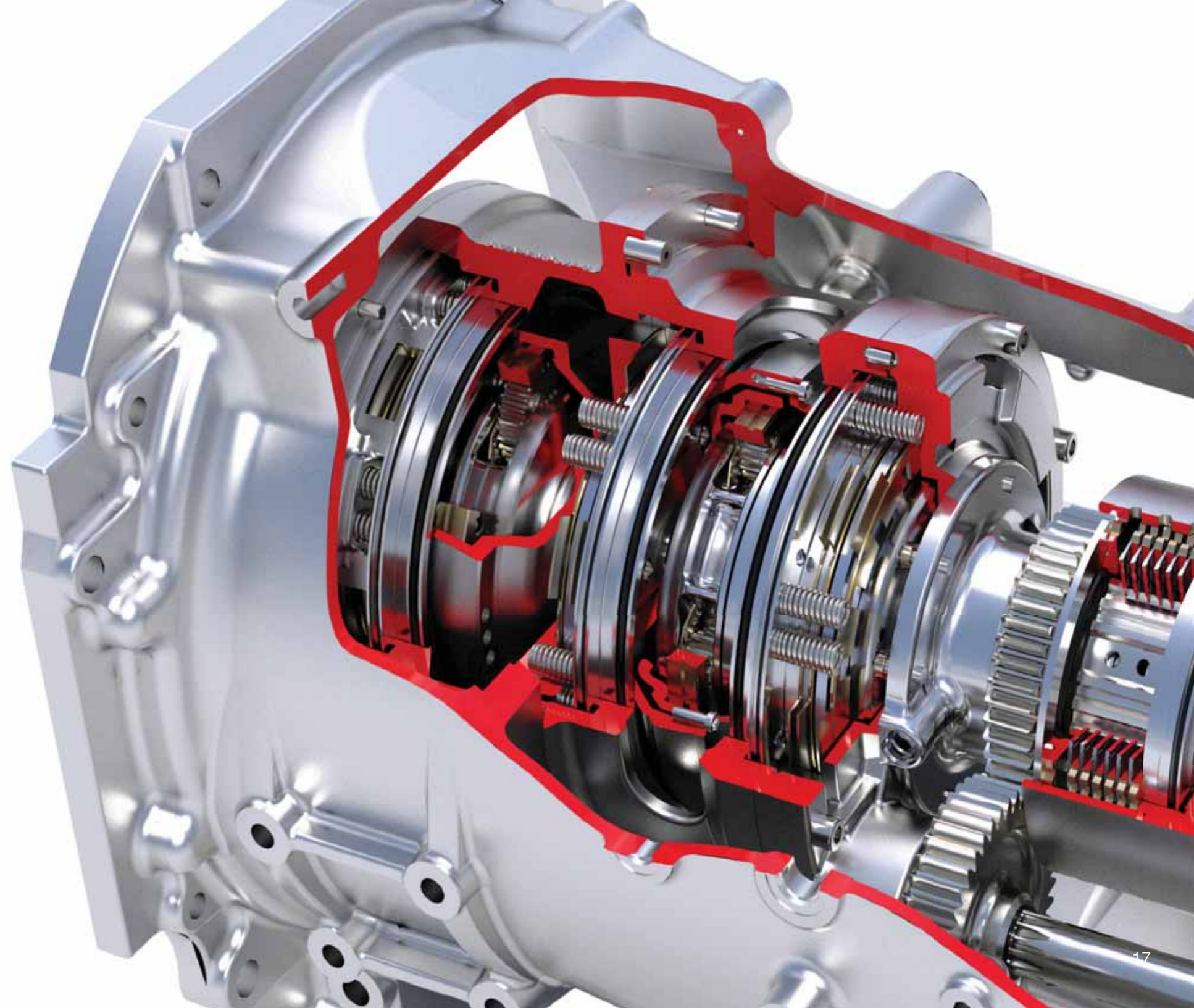
Dyna-6 continues to offer all the essential features such as left-hand power control, AutoDrive, right-hand control, Speedmatching and variable shuttle take-up but is now available with Dyna-6 Power Management.

Greater power when and where you need it most

Dyna-6 Power Management allows the continuous control of power delivery to maintain speed and minimise fuel consumption. Power Management is an intelligent 'boost' feature which works to ensure optimum efficiency for the operator. The engine responds with extra power delivery in demanding PTO, field and transport applications and rigorous hydraulic operations, so you automatically get power when you need it the most.



Example of MF 7624 with Dyna-6 transmission and Dyna-Power Management



Dyna-VT

The ultimate transmission

Dynamic performance whatever the application. Massey Ferguson's Dyna-VT transmission provides enhanced productivity in stepless precision.

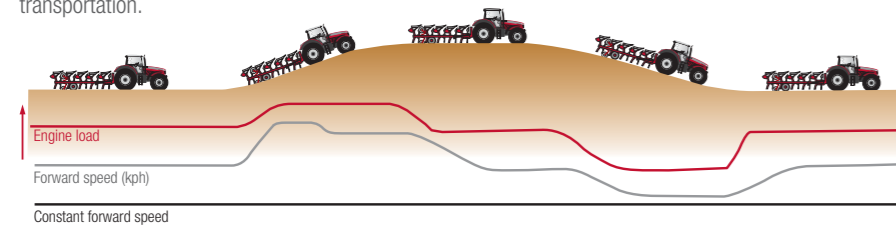
The original Dyna-VT transmission is a true testament to precision engineering; guaranteed productivity, complete operator comfort and optimum fuel efficiency at all times. Further, consistent enhancements such as Dynamic Tractor Management (Dyna-TM) make it the most intuitive transmission on the market.

Stepless precision

Dyna-VT is amazingly simple to operate and works extremely well in differing conditions. There's no shifting of gears, no jolts and no breaks in traction or power. The unique power control lever makes forward/reverse shuttling and speed change convenient and hassle-free.

The 'Supervisor'

The 'Supervisor' is on continuous stand-by and activates when engine speed falls under load. The benefit of the 'Supervisor' is that even when the load on the engine is increased and engine speed drops, the transmission will automatically reduce forward speed to maintain total power, whether in PTO applications, field work or transportation.



Dyna-TM: As the load (red line) varies according to the conditions, the Dyna-TM will automatically adjust the engine speed (grey line) to maintain the forward speed whilst minimising fuel consumption and noise levels.

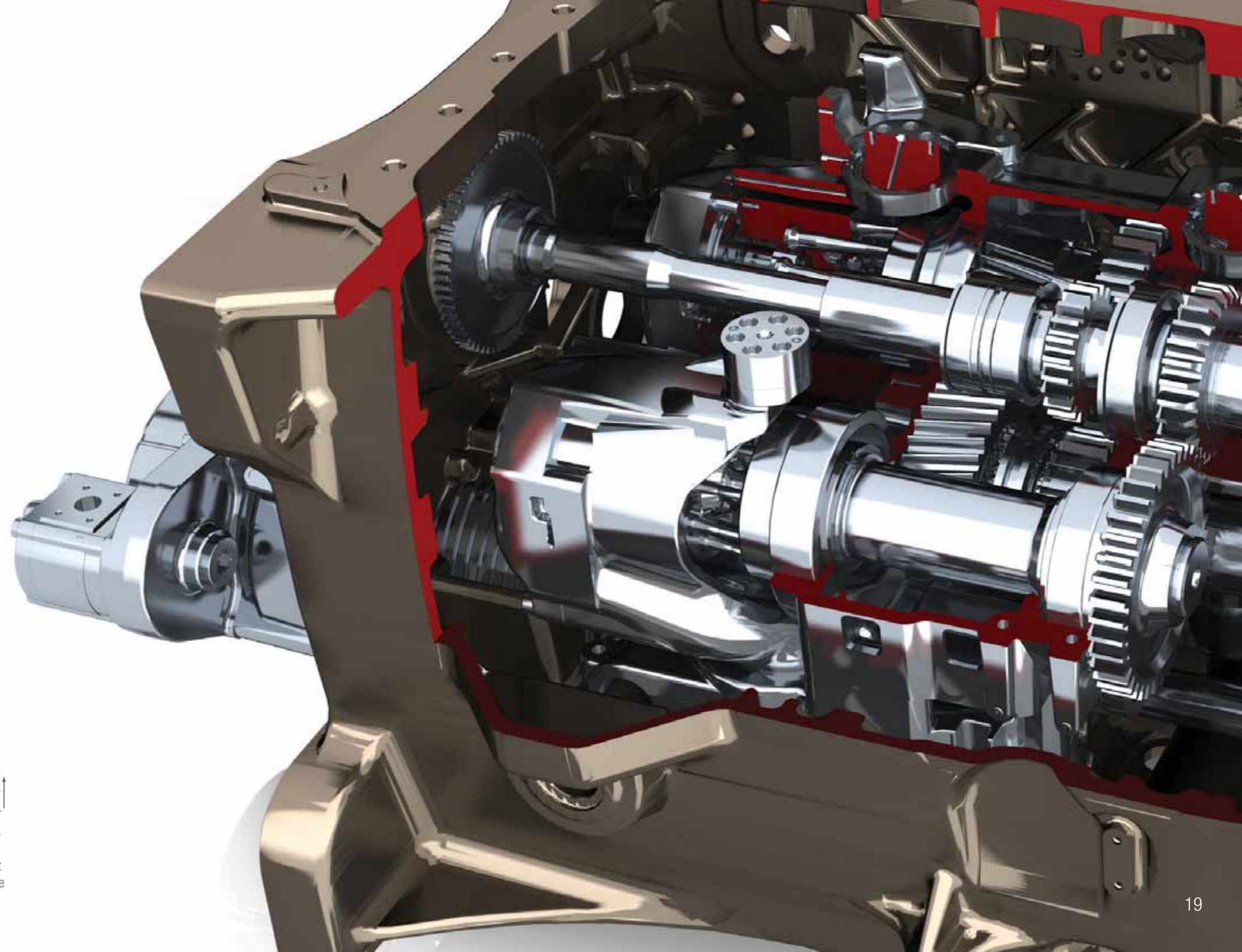
When used in conjunction with SV1 and SV2, which set a specified forward speed, the tractor will then operate at maximum output as load fluctuates as well as automatically adjusting the tractor back to the required speed.

Dynamic Tractor Management (Dyna-TM) Intelligent machine management for optimum fuel efficiency

Dyna-TM works in conjunction with Dyna-VT. This electronic management system automatically takes control of the engine and transmission when activated.

Dyna-TM controls the engine speed according to the load on the tractor. It maintains the required forward speed whilst at the same time minimising the engine revs in order to keep fuel consumption to a minimum.

Dyna-VT and Dyna-TM will work consistently at maximum efficiency and economy whilst maintaining a smoother drive quality and a noticeable reduction in fuel consumption.





Engine Performance		MF 7619	MF 7620	MF 7622	MF 7624
Max. hp @ 1950 rpm	 ISO hp (kW)	185 (136)	200 (147)	215 (158)	235 (173)
Max torque @ 1500 rpm	Nm	830	880	943	1030
Specific fuel consumption	g/kW/h	192*	192*	192*	192*

Type		66CWA	66CWA	66CWA/74CWA	74CWA
Model		AGCO SISU POWER e³ engine with Selective Catalytic Reduction			
Aspiration		Turbo/intercooled			
Capacity/ no. of cylinders	l/min	6.6/6	6.6/6	7.4/6 (Dyna-6) 6.6/6 (Dyna-VT)	7.4/6
Exhaust, side-mounted		●	●	●	●
Injection type		Common Rail			

Dyna-6		Dyna-6 - Semi-powershift gearbox. Power Control, Speedmatching functions and Dyna-6 Power Management - 40 kph Eco or 50 kph Eco			
Dyna-VT		Dyna-VT with Power Control: Stepless, Continuously Variable Transmission with Active Stop and Dynamic Tractor Management (Dyna-TM) - 4 kph Eco or 50 kph Eco			

Power Management for Dyna-6					
Max. hp @ 2000 rpm	 ISO hp (kW)	210 (154)	220 (162)	240 (177)	260 (191)
Max torque @ 1500 rpm	Nm	925	980	1035	1120

Max Power at the PTO					
at 1,000 pto speed +/- 3%		165 (121)	180 (132)	195 (143)	210 (154)

Power Take Off (Rear)					
Operation and control		Independent, electro-hydraulic			
PTO speed @ engine rpm					
540	rpm	1890 (Dyna-6), 1930 (Dyna-VT)			
1,000	rpm	1930 (Dyna-6), 1900 (Dyna-VT)			
Economy	rpm	1524 (Dyna-6), 1488 (Dyna-VT)			

Front linkage and PTO					
Linkage lift capacity	Kg	4000			
PTO operation and control	rpm	Independent, electro-hydraulic			

Rear Linkage and hydraulics					
Linkage control		Electronic control of draft,position, Intermix, height/depth, rate of drop, quick soil engagement, and Active transport Control			
Lower link attachment type		Quick attach, hook ends with cat 3/2 and 3/3 ball ends			
Max lift capacity at hitch point	Kg	9,300			
Closed Centre	l/min/ bar	110 or 150			

	MF 7619	MF 7620	MF 7622	MF 7624
Steering	Hydrostatic, balanced with tilt/telescopic steering column. Option of Speedsteer			

4WD Front axle					
Diff. lock type		Hydralock (full engagement/disengagement of front and rear electro/hydraulic)			
Turning radius	mm	5317			
	mm	5455			

Wheels and tyres					
Front		480/70 R28	420/85 R30	480/70 R30	480/70 R30
Rear		580/70 R38	520/85 R42	620/70 R42	620/70 R42

Equipment (Standard equipment will vary depending on choice of cab and market):					
Essential (Dyna-6 only):		Standard cab, air conditioning, adjustable steering column, Automatic air suspended swivel seat with armrests, Rear screen wash wipe, Telescopic large side mirrors, aerial and speakers, auxiliary seat with seatbelt, analogue & digital instrument panel			
Efficient:		Standard cab, air conditioning, adjustable steering column, Automatic air suspended swivel seat with armrests, Rear screen wash wipe, Telescopic large side mirrors, aerial and speakers, auxiliary seat with seatbelt, analogue & digital instrument panel, Radio /CD/MP3, QuadLink front axle with suspension, mechanical cab suspension			
Exclusive:		Super-Deluxe air suspended DDS seat, Radio/CD/MP3, Telescopic large side mirrors with electric de-icing and adjustment, Rear screen wash wipe, aerial and speakers, auxiliary seat with seatbelt, analogue & digital instrument panel, OptiRide Plus Cab Suspension, Automatic air conditioning, Datatronic, video provision & Isobus ready, QuadLink front axle with Suspension			

Weights and dimensions					
Weight	Kg	8,000 to 9,000			
Overall length from front weight frame to lower links ends (horizontal)	mm	5.085			
Height (with standard tyres, approximate figure depending on tyre brand, pressure and load)					
Standard cab	mm	2,193 without TopDock <p>2,360 with TopDock</p>			
Cab type		Essential**, Efficient or Exclusive			
Fuel tank capacity	litres	430			
AdBlue tank capacity	litres	40			

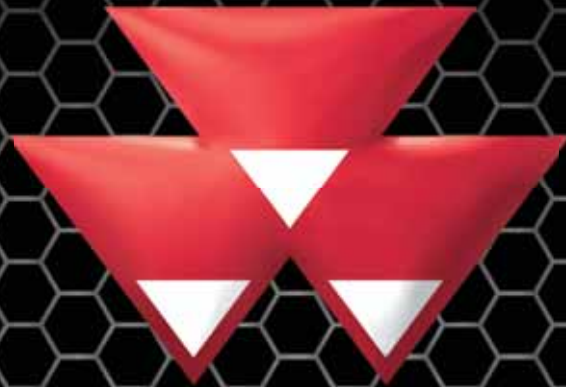
 ISOTR14396					
● Standard					
○ Optional					
- Not applicable					

* Manufacturer's testing

** Essential cab only available with Dyna-6 transmission

 ISOTR14396					
● Standard					
○ Optional					
- 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.



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A world of experience. Working with you.



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