

# MF ACTIVA

MF 7342/MF 7343/MF 7344  
5 STRAW WALKERS | 185-260 HP



MASSEY FERGUSON

BORN TO **FARM**



# MF ACTIVA

UNCHALLENGED VERSATILITY



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# MF ACTIVA

A MACHINE YOU CAN RELY ON

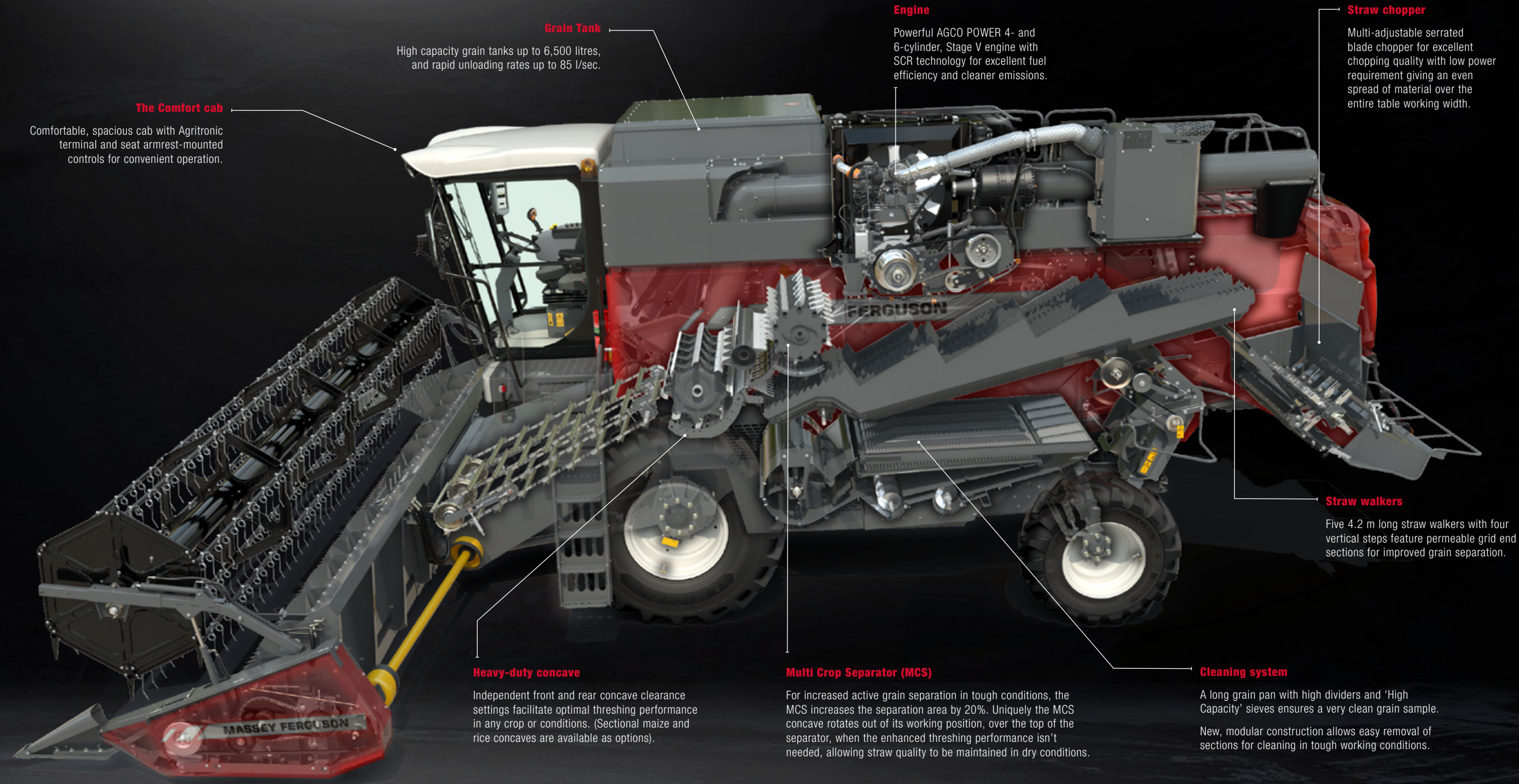
Massey Ferguson continually broadens its product range to provide customers with machines which exactly match their needs. The combine range has been strengthened with the introduction of three new 185 – 260 hp models with 5 straw walkers in the new MF Activa series.

This range provides a choice of high output combine harvesters for farmers whose requirements are met by a straightforward and dependable specification with low running costs.

Built to the highest standards, this versatile machine is gentle on grain and straw, and the perfect choice for owners/operators with smaller to medium-sized farms. An extremely efficient engine and the electronically controlled, hydrostatic transmission help maximise productivity and minimise harvesting costs.

Model	Max power (hp/kW)	No. of straw walkers	Grain capacity (litres)	Unloading speed (litres/sec)	Header size (metres)
MF ACTIVA 7342	185/136	5	5,200	72	4.8 - 6.0
MF ACTIVA 7343	226/166	5	5,200/6,500*	72/85*	4.8 - 7.6
MF ACTIVA 7344	260/192	5	6,500	85	4.8 - 7.6

\*MF 7343 standard with 5,200 litres grain tank capacity and unloading speed of 72 litres/sec; available as an option with 6,500 litres grain tank capacity and unloading speed of 85 litres/sec.



**The Comfort cab**  
Comfortable, spacious cab with Agritronic terminal and seat armrest-mounted controls for convenient operation.

**Grain Tank**  
High capacity grain tanks up to 6,500 litres, and rapid unloading rates up to 85 l/sec.

**Engine**  
Powerful AGCO POWER 4- and 6-cylinder, Stage V engine with SCR technology for excellent fuel efficiency and cleaner emissions.

**Straw chopper**  
Multi-adjustable serrated blade chopper for excellent chopping quality with low power requirement giving an even spread of material over the entire table working width.

**Straw walkers**  
Five 4.2 m long straw walkers with four vertical steps feature permeable grid end sections for improved grain separation.

**Heavy-duty concave**  
Independent front and rear concave clearance settings facilitate optimal threshing performance in any crop or conditions. (Sectional maize and rice concaves are available as options).

**Multi Crop Separator (MCS)**  
For increased active grain separation in tough conditions, the MCS increases the separation area by 20%. Uniquely the MCS concave rotates out of its working position, over the top of the separator, when the enhanced threshing performance isn't needed, allowing straw quality to be maintained in dry conditions.

**Cleaning system**  
A long grain pan with high dividers and 'High Capacity' sieves ensures a very clean grain sample. New, modular construction allows easy removal of sections for cleaning in tough working conditions.



# CHOOSE YOUR TABLE

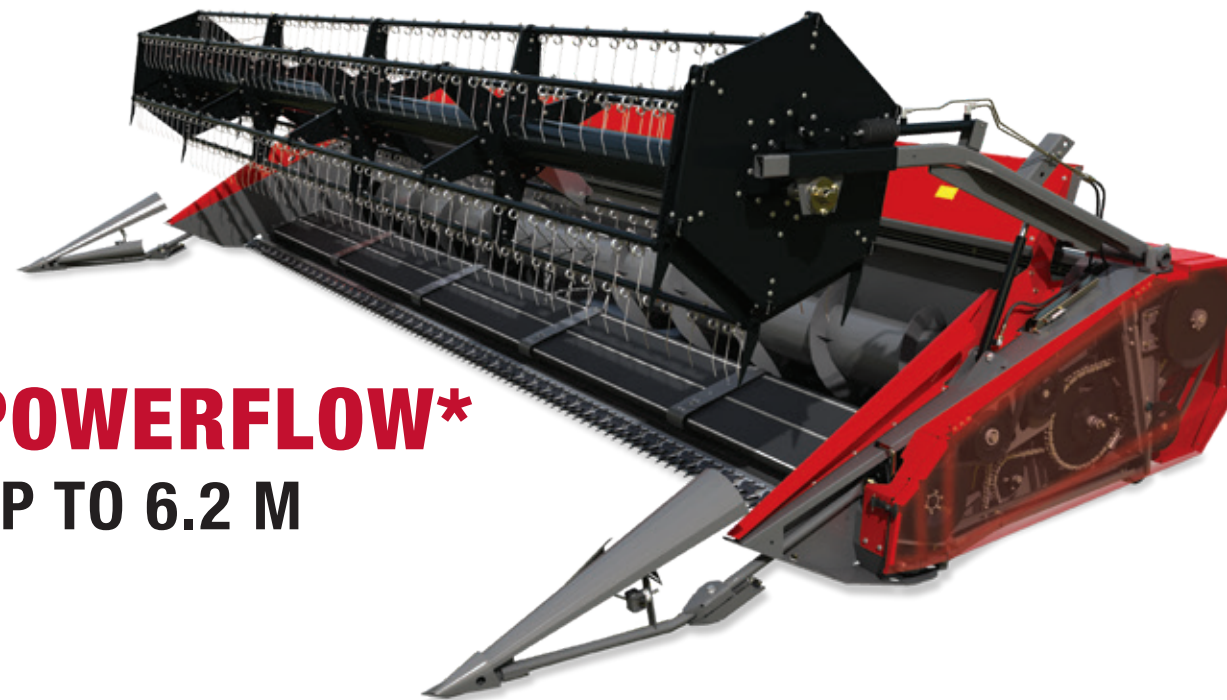
START WELL, FINISH WELL.

Your header is critical to how well your combine performs. With a lifetime of experience, Massey Ferguson offers you a choice of its premium PowerFlow table or high capacity FreeFlow tables.

## FREEFLOW UP TO 7.6 M



## POWERFLOW\* UP TO 6.2 M



The optional rape auger for the PowerFlow table increases the flow of tall crops into the elevator thereby increasing the output considerably. Two electrical side knives complete the rapeseed kit.



The Schumacher knife is the best performing knife in the business at 1,254 cuts per minute. Self-cleaning and consistently sharp, this keeps the crop moving in tough conditions.



Combined multicoupler is standard for quick table dismount.



Full width auger fingers on the FreeFlow table increase auger throughput, ensuring positive and fast feed into the main crop elevator.



AutoLevel table control is available as an option with cutting height control. Smooth transition from one side to the other maintains a constant cutting height with sensitivity, as a result of quality hydraulics and electronics working together.



The knife is a massive 1.14 m from the table auger, so vision and performance are optimum. The rugged PowerFlow belts power the crop away from the knife and into the main crop elevator at a consistent speed. The belts also deflect stones rather than taking them into the machine where they might cause damage.



The PowerFlow table improves feeding of all crops and in all conditions for greater productivity. Crops of any height and straw length, from peas and linseed to rye and oilseed rape, are delivered evenly to the main crop elevator for efficient threshing and processing. Bunching and losses are reduced, and the combine can operate at maximum capacity for more of the time achieving higher work rates.

\*PowerFlow available on MF 7343/MF 7344



# THRESHING QUALITY AT THE HEART OF THE COMBINE

The threshing components have been optimised to suit all crops. A robust cylinder, 600 mm by 1,340 mm wide, with eight rasp bars threshes gently and positively. It can handle a wide range of crops from grass seed through to small grain and maize.

The front and rear concave clearances can be individually adjusted from the cab for varying crop conditions. Differential wire spacing offers excellent threshing in the first part coupled with maximum separation in the second section.

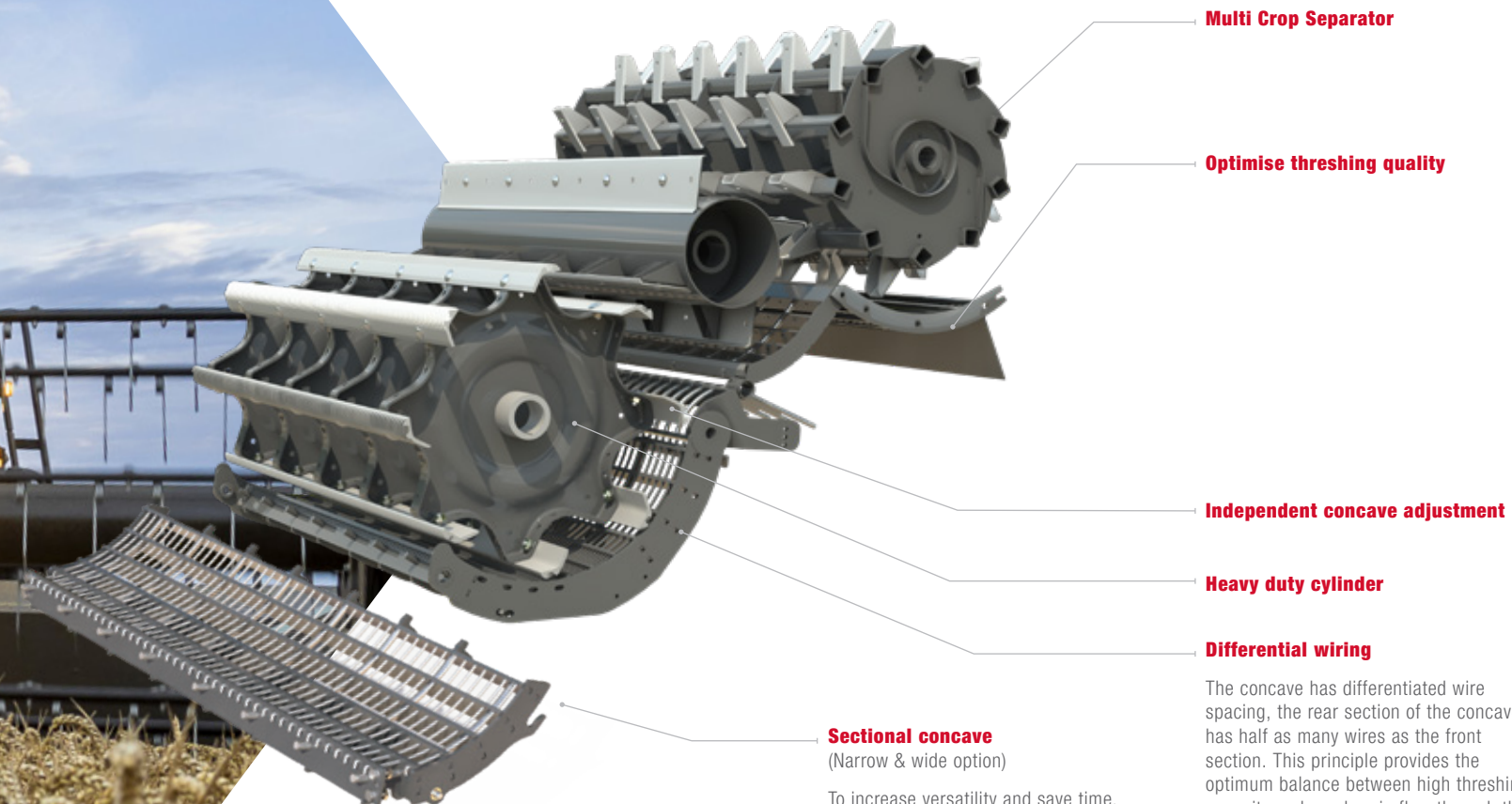
A rice cylinder and concave is also available as an option for all models.



## Two systems in one

The Multi Crop Separator (MCS) provides a massive separation area to remove as much of the grain as possible before it reaches the walkers.

The MCS has one unique feature that sets it apart from the rest - the ability to rotate the concave up over the top of the rotary separator when it is not required. The MCS concave engages and disengages electrically, requiring no tools. This makes it possible to optimise machine performance in dry conditions, reducing the load on the shaker shoes and considerably improving the straw quality.



**Multi Crop Separator**

**Optimise threshing quality**

**Independent concave adjustment**

**Heavy duty cylinder**

**Differential wiring**

**Sectional concave**  
(Narrow & wide option)

To increase versatility and save time, Massey Ferguson can offer an optional Sectional Concave which is designed to harvest a multitude of crops. The conversion time when moving from small grain to large seeded crops such as soya, maize and sunflower can be completed in minutes rather than hours.

The concave has differentiated wire spacing, the rear section of the concave has half as many wires as the front section. This principle provides the optimum balance between high threshing capacity and good grain flow through the concave. The concave, front and rear, can be set from the cab independently in order to optimise the threshing quality.



## ▲ Rice cylinder

A special rice cylinder concave version can be ordered with a unique peg and tooth design, specifically for separation in tough conditions. Additional components are also fitted which have extra wearing capability. This includes the grain augers, elevators and the MCS teeth. These specifications coupled with self-lubricating tracks and tables with specific hard wearing components provide a versatile machine for rice as well as grain and maize.



## CLEAN RESULTS

The gentle threshing system optimises straw quality and the even swath is perfect for baling either round, small or large square bales.

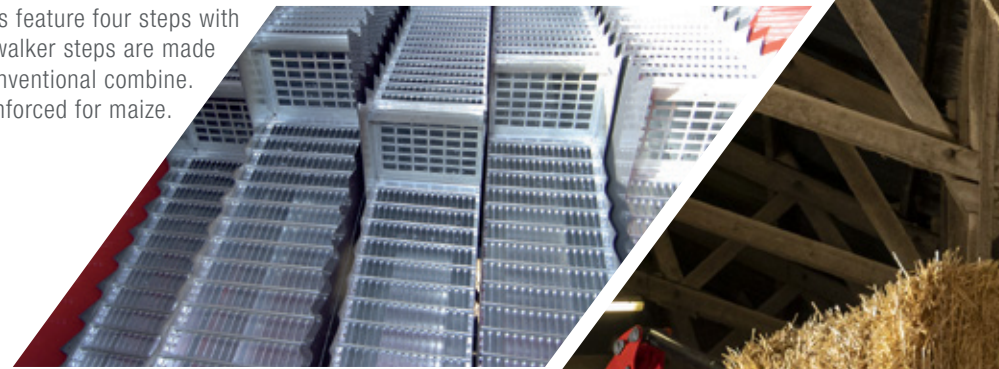
Standard swath gates achieve straw rows of the ideal width and size. Straw risers can be easily fitted for damp conditions. Conserving the straw in this way makes the fuel consumption figures even lower to further reduce harvesting costs.



**High separation performance** – The long straw walkers feature four steps with 'active walls'. The 21 cm high, vertical sections of the walker steps are made up of permeable grids. These are the highest for any conventional combine. The front steps of the straw walkers are reinforced for maize.

**High capacity sieve design** – The grain pan with an opposed action agitates the material from the concave, making two separate layers of grain and chaff that will be separated by the powerful volumetric fan. The fully adjustable sieves have a special design with tags which gives a very clean sample whatever the crop. To remove them for cleaning is very simple, requiring a minimum of effort.

For those keeping the straw, the gentle threshing system leaves it in perfect condition for easy baling for feed and bedding, as well as making dense bales for power generation.







# GRAIN TANK

The MF 7342 and MF 7343 have high 5,200 litre capacity grain tanks which unload at 72 l/sec, while the MF 7344 has a 6,500 litre grain tank which unloads at up to 85 l/sec. The larger tank is also available as an option for the MF 7343 model.

The turret auger can cope with the highest of trailers.



“ Efficient but gentle threshing, followed by the well-proven separation and cleaning system, results in the highest quality sample in the tank. ”





# THE COMFORT CAB

## MAKE LIFE EASIER

The cab provides the perfect productive working environment. The new seat-mounted armrest, air-suspended seat and electronic transmission combine excellent convenience with high levels of comfort - even after many hours at work. From their position, the operator is in complete control of the combine's performance, assisted by the Agritronic terminal which comes with grain loss monitoring as standard on all models.

The cab comes with a host of features you would expect in an operator environment of this quality:

- ▶ New seat-mounted armrest
- ▶ Multi-function lever with electronic control of the hydrostatic transmission and unloading auger among its many functions
- ▶ Agritronic terminal
- ▶ Air-suspended seat and passenger seat
- ▶ Adjustable heated mirrors
- ▶ Air conditioning and heating
- ▶ Header height control
- ▶ Shaft speed monitor
- ▶ Hectare counter
- ▶ Ergonomically positioned controls make the combine operation simple and easy
- ▶ Well-positioned lighting turns night into day, ensuring that when the crop is ready and the conditions are good, there's great visibility so you can carry on harvesting in comfort.



The ergonomic multi-function lever gives the operator full control in comfort.



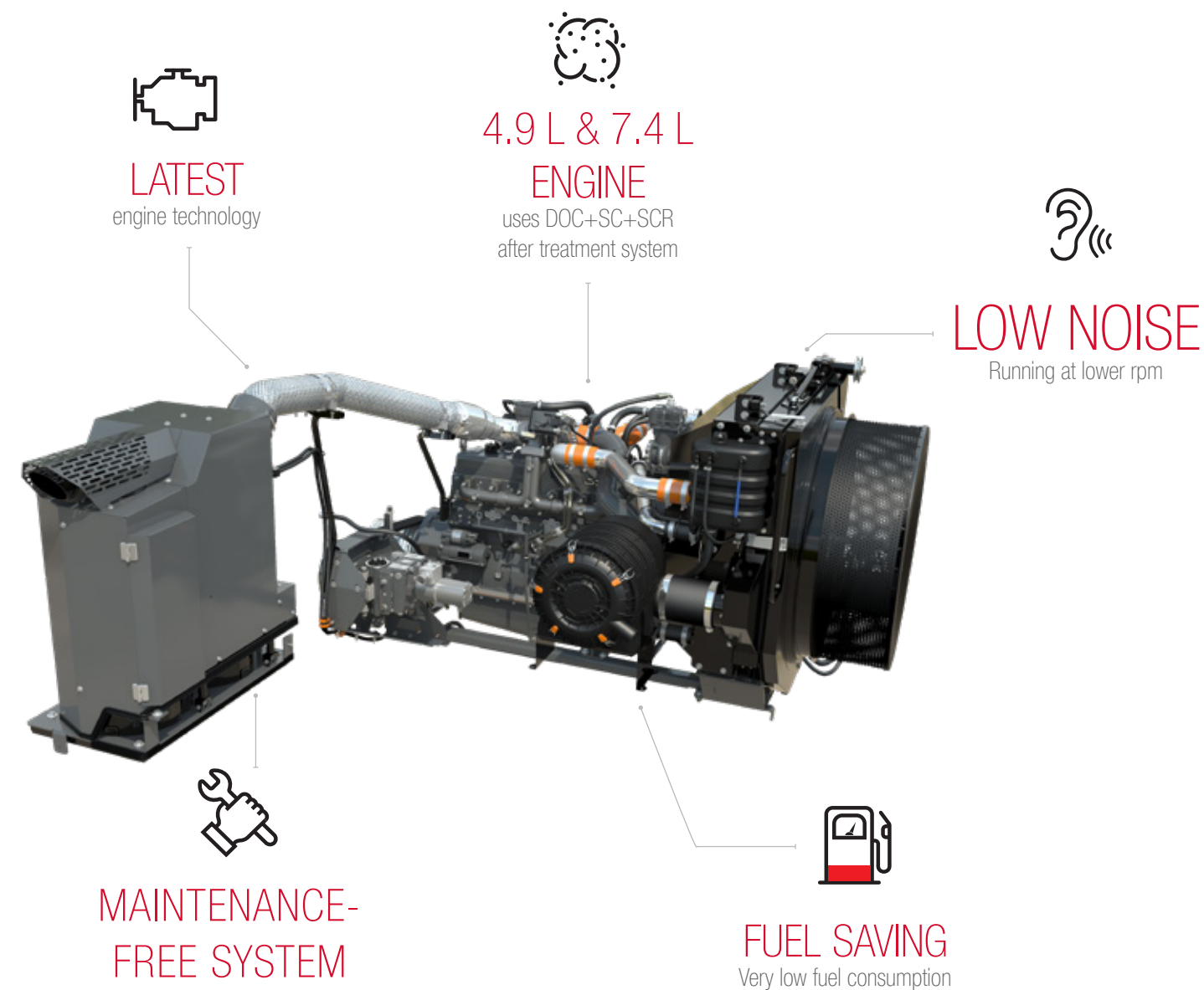
# MADE FOR POWER & EFFICIENCY

“ We think it will make a significant difference to you and future generations. ”



We can promise you that your AGCO POWER Stage V engines use SCR (Selective Catalytic Reduction) and SC (Soot Catalyst) as the main exhaust after-treatment technology, and delivers some of the lowest running costs in the business.

Consistent, reliable harvesting performance in all conditions is ensured thanks to the engine delivering a long, flat torque curve specifically designed for constant power delivery under load. Combined with the highly efficient drivelines, this also saves fuel, increasing harvesting efficiency and cutting costs.





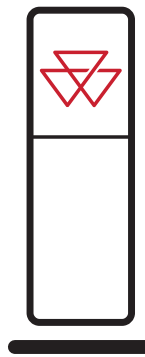
# MFservices

## ALWAYS BY YOUR SIDE TO INCREASE YOUR PROFIT AND EFFICIENCY

WELCOME TO MF SERVICES – EVERYTHING YOU NEED TO SUPPORT THE OPERATION OF YOUR MF ACTIVA COMBINE.

Accessible and adaptable, MF Services will help you control running costs, budgeting and business planning - ensuring each machine's operating hour is a success and giving you the freedom to focus fully on the core business of farming.

This comprehensive suite of service-related-products makes it easier than ever to own and operate **Massey Ferguson** farm equipment.



### MASSEY FERGUSON DEALER NETWORK

Your MF Dealer represents the best farm machines expertise in your area. You can always turn to your dealer and receive the best service from sales, maintenance, repair and spare parts to the purchase of a new piece of equipment.

**MORE THAN 4,700 SERVICE & REPAIR POINTS WORLDWIDE**

For the above support packages, country terms and conditions apply. Please note all packages may not be available in all markets.

Please check with your local MF Dealer/Distributor.

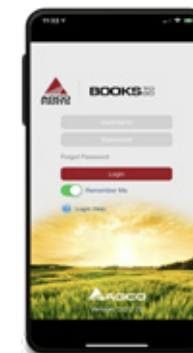


### MASSEY FERGUSON GENUINE PARTS

REPRESENTS THE BEST GUARANTEE OF SAFEGUARDING THE VALUE OF YOUR NEW MF ACTIVA OVER TIME, PROTECTING IT FROM UNPLANNED DOWNTIME.

Choose from an extensive range of accessories including lubricants, AdBlue, care kits, cab accessories and much more. All accessories are available for purchase exclusively from your MF Dealer.

Using the smartphone app "AGCO Parts Books to go", you can find MF spare parts quickly and easily and order them directly. The app is available for download in the App Store and in the Google Play Store. Your personal access data is available from your MF Dealer.



### AGCO FINANCE PROVIDES THE PERFECT FINANCING ARRANGEMENT FOR YOUR BUSINESS.

AGCO Finance is the integrated financial services arm of Massey Ferguson offering tailor-made solutions to your own farm, which includes leasing, loan facilities, hire purchase, full service packages and contract hire including the financing of MF Care extended warranty contracts.



### MASSEY FERGUSON COLLECTION

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Looking for a cap to match your MF Activa... or a stylish and durable overall to keep



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AGCO's Harvest Promise is our commitment to you that, in the exceptional situation we can't get the parts to you in 48 hours, we will help you through our dealer network or even contribute towards a contractor to step in and harvest your crop until you're up and running again.\*

\*Terms & conditions apply. Only available in selected markets.

working? We have an exclusive range of high quality products to suit you, your farming activity, your family and your lifestyle.

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## SPECIFICATIONS AS STANDARD

	MF ACTIVA 7342	MF ACTIVA 7343	MF ACTIVA 7344
<b>Cutting table with standard TerraControl</b>			
Cutting width (m)	4.8 - 6.0	4.8 - 7.6	4.8 - 7.6
Cutting frequency (strokes/min)	1,254	1,254	1,254
<b>Crop Elevator with standard reverser</b>			
Chains (n°)	3	3	3
<b>Drum</b>			
Diameter (mm)	600	600	600
Width (mm)	1,340	1,340	1,340
Rasp bars (n°)	8	8	8
<b>Concave</b>			
Bars (n°)	12	12	12
Wrapping angle (degrees)	120	120	120
<b>ABC threshing module</b>			
Bars (n°)	2	2	2
Position (n°)	3	3	3
<b>Straw walkers</b>			
Straw walkers/steps (n°)	5/4	5/4	5/4
Total separation surface (m²)	6.72	6.72	6.72
<b>Sieves</b>			
Sieving area (m²)	4.67	4.67	4.67
Tailing return	drum	drum	drum
<b>Ventilation</b>			
Fan	volumetric	volumetric	volumetric
Speed (rpm)	350 - 1,050	350 - 1,050	350 - 1,050
<b>Grain tank</b>			
Capacity (litres)	5,200	5,200/6,500	6,500
Unloading speed (litres/sec)	72	72/85	85
Unloading tube height (m)	4.20	4.20	4.20
Unloading tube length (m)	4	4	4
<b>Quiet cab with air conditioning</b>			
Agritronic Plus monitor	●	●	●
Seat mounted ergonomic armrest	●	●	●
Air conditioning system	●	●	●
Heating	●	●	●
Performance monitor	●	●	●
Heated and adjustable rear view mirrors	●	●	●
Grain loss monitor	●	●	●
<b>Engine</b>			
Type	AGCO POWER 4-cylinder 4.9 litre	AGCO POWER 6-cylinder 7.4 litre	AGCO POWER 6-cylinder 7.4 litre
Power rating hp (kW)	185 hp (136 kW)	226 hp (166 kW)	260 hp (192 kW)
Fuel system	Electronic injection	Electronic injection	Electronic injection
Alternator (amp)	180	250	250
Fuel tank (litres)	450 (AdBlue® 80 litres)	450 (AdBlue® 80 litres)	450 (AdBlue® 80 litres)

	MF ACTIVA 7342	MF ACTIVA 7343	MF ACTIVA 7344
<b>Transmission</b>			
Type	Electronically controlled hydrostatic		
Gearbox (n°)	3	3	3
Main brakes	Disc type	Disc type	Disc type
<b>Standard tyres</b>			
Front tyres	620/75 R30	620/75 R30	620/75 R30
Rear tyres	400/70-20	400/70-20	400/70-20

## Options

	MF ACTIVA 7342	MF ACTIVA 7343	MF ACTIVA 7344
Chaff spreader	○	○	○
Electrical deflectors for straw chopper	○	○	○
Maize kit	○	○	○
Small seeds kit	○	○	○
Additional work lights	○	○	○
4WD	○	○	○
Straw chopper	○	○	○
Rice equipment	○	○	○
Tracks	○	○	○
Sectional concave	○	○	○
Camera monitor	○	○	○
Yield meter	○	○	○
Moisture sensor	○	○	○
Refrigerator	○	○	○
Pea and bean kit	○	○	○
Air compressor	○	○	○
Header lateral flotation (GSAX)	○	○	○
Electric sieves	○	○	○

### KEY

- Standard specification
- Optional
- Not available

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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**CHOICE TO  
FARMERS**







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