

# ACTIVA

**MF 7242**



ACTIVA

## Complete control with the new MF 7242 ACTIVA

The MF 7242 is the first model in the range of new Massey Ferguson ACTIVA combines which gives you modern, straightforward technology for cost effective, flexible harvesting.

You need a combine that offers you no-nonsense harvesting all season. You want to harvest your crops with ease and in comfort, be able to concentrate on the crop not on the machine.

**ACTIVA** combines are the right choice, giving you the ability to harvest a wide range of crops from grass seeds and cereals to maize and sunflowers. **ACTIVA** combines will effortlessly cope with any conditions bringing you peace-of-mind harvesting.

The driver is the key to combine performance. The **ACTIVA** cab provides you with all the comfort and control you need to bring in your crops successfully. Excellent vision, detailed control layout and ease of operation let you concentrate on completing your harvest in comfort.



Threshing, table, unloader engagement controls within easy reach



Optimum visibility is ensured so you can see the full table width



Comprehensive monitoring leaves you free to concentrate on harvesting



Clearly visible loss monitor indicators



Take control from your armrest



Table lift and lower

Automatic return-to-cut (button at front)

Reel lift and lower

Reel fore and aft



Multi-function 'hydro' lever for comfort and output



Attachments are made from the left hand side of the table reducing turnaround time



High power table reverser clears any blockages



Powerflow table for ultimate performance



ACTIVA

## Cutting any job down to size

ACTIVA combines use the same proven tables found on the CERIA range to give unequalled performance.

The tables have a simple design and are built of high tensile steel to give greater strength and still be light and easy to control. All table attachments are made from the left hand side for convenience and time saving.

Features like Table Pressure Control and Automatic Return to Cut make harvesting easier and reduce wear on valuable components.

### Powerflow, the best table you can get!

Choose the Powerflow option for your table and increase your output still further!

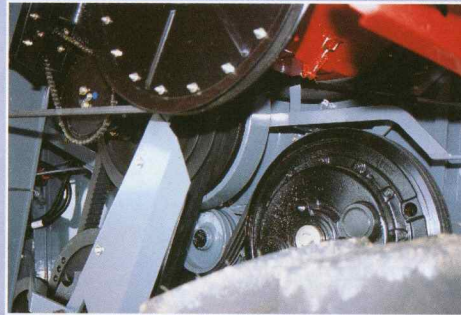
The Powerflow belts are driven at a constant speed, ensuring that the crop is carried away from the knife and fed into the combine evenly. This gives increased performance even in hard-to-handle crops like oilseed rape.

## Separating grain and straw

The MF 7242 **ACTIVA** combine has a large 600 mm diameter by 1270 mm wide, High Inertia threshing cylinder. This means that peak loads will not slow down the drum and affect threshing ability. The 119° concave wrap angle gives you maximum separation up front.

Five open-bottom straw walkers, each with 5 steps, efficiently move the straw out of the machine. The aggressive design accelerates, tears, sieves and shakes the straw to ensure that any remaining grains are removed and returned to the main grain pan.

**Concave adjustment, both front and back, is quick, easy and accurate**



**Rugged, dependable drives ensure constant speed of the threshing components**



**With easily removed inspection hatches, the filler plates are in with just the turn of a lever**

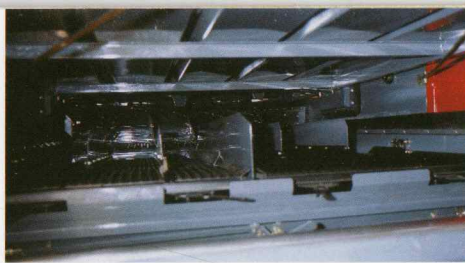


**A large stone trap protects the combine from potential damage**





Grain tank capacity and visibility are easily increased



Adjustable top and optional bottom sieve give superior cleaning



The easy to access grain tank can be seen through a window in the cab rear wall and a 'grain tank full' alarm is supplied as standard



Left and right hand threshers feed returns back to the main grain pan

Adjustable unloading auger cover improves unloading performance

ACTIVA

## Top quality grain in your tank

The MF 7242 **ACTIVA** has 3.85 sq m of sieve area to give you maximum cleaning performance from the electrically controlled twin axial fans. Adjustable top sieves and a selection of round hole sieves give you the ability to clean any crop. An adjustable bottom sieve is also available as an option.

Any returns are fed back through twin re-thresher units to the grain pan. This reduces the load on the main cylinder and gives more efficient output.

The grain is transported to the 5200 litre grain tank where the sample window lets you monitor combine settings. An unloading time of 65 seconds means you're back harvesting in no time at all.

## Power to harvest

The MF 7242 **ACTIVA** has 180 DIN hp at your disposal. Meeting the latest environmental regulations, this engine will deliver constant harvesting power all day long in any conditions. The combine drives and hydraulics are driven from each end of the engine so the power is distributed in the most efficient way.

### Complete control

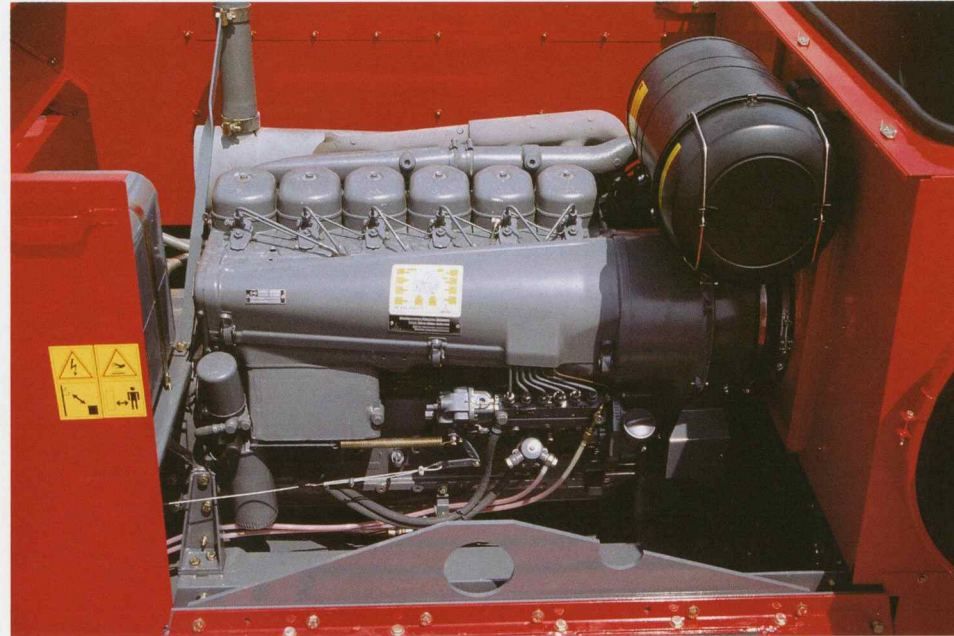
This engine, coupled with the standard 4-speed hydrostatic transmission, gives you complete control over your combine in small fields and confined areas.

### Easy access

The engine compartment is easy to reach via the ladder, which is also removable to allow access to other areas of the machine.

The large rotary screen keeps clean air coming into your engine to maintain peak efficiency.

Generous storage box keeps tools to hand



Latest emission compliant Deutz engine powers you through your harvest

Ladder to engine compartment - removes for safe access to other areas



Easy opening, large side panels for easy machine settings and maintenance





## Specifications

### TABLE

Type (grain)	Quick-Attach, Freeflow and Powerflow
Cutting width	3.7 – 4.95 m
Electric reverser	Standard
Cutting height	-0.20 to +1.10 m
Table flotation	Springs
Knife strokes/min	1080
Knife type	Serrated knife. Spare knife stored in table back

### REEL

Type	6 bats, with steel tines
Speed range	0–50 rev/min electrically adjusted from seat
Fore and aft	Hydraulic adjustment, from seat

### STONE TRAP

Large capacity, easily emptied from side of the machine

### CYLINDER

Type	Cylinder with eight replaceable rasp bars
Width	1270 mm
Diameter	600 mm
Speed	410-1220 rev/min

### CONCAVE

Number of bars	14
Wrap angle	119 degrees
Area	0.82 m <sup>2</sup>
Adjustment	Independent, front/rear
De-awning plates	Controlled from side of machine

### STRAW WALKERS

Type	5 stepped, open-bottom walkers
Number	5
Straw walker area	5.25 m <sup>2</sup>
Total separation area	6.07 m <sup>2</sup>

### CLEANING SYSTEM

Separation area	3.84 m <sup>2</sup>
Top sieve	Adjustable
Bottom sieve	Fixed round hole 7-11-13 mm
Fan type	Axial flow
Fanning mill cover	Adjustable from seat

### RETURNS SYSTEM

Type	Impeller type, on both sides of the machine
------	---

### GRAIN TANK

Type	With grain tank cover, light and sampler
Unloading auger	Hydraulically operated, discharge in all positions
Unloading height	4.2 m
Unloading capacity	86 litre/sec (approx.)
Capacity	5200 litre (max.)

### ENGINE

Make/type	Deutz / BF6M914C diesel
Power	180 DIN hp (133 kW)
Number cyl.	6
Rotary air intake	Standard
Fuel tank	345 litre

### TRANSMISSION

Type	Hydrostatic, 4 speed ranges
Max. speed	20 km/h

### TYRES

Front	23.1/26 12PR
Rear	12.5/80-18 10PR

### CAB

High specification cab with full air conditioning and integrated cool box, laminated, tinted windscreen, deluxe seat and arm rest and multi-function 'Hydro' lever. 6 working lights on cab, 1 on grain tank.



### INSTRUMENTS

#### Gauges:

Speedometer, Hourmeter  
Cylinder speed  
Engine temperature, Fuel level  
Fanning mill cover position  
Table height indicator  
Hydraulic oil temperature

#### Safety systems:

Electronic monitoring, with audible and visual warning of 24 important functions. Electronic speed monitor for straw walker, clean grain and returns elevator.

### WEIGHTS AND DIMENSIONS

Overall length  
- in work, less dividers 9.30 m  
- in transport (without table) 7.65 m  
(with transporter) 14.10 m  
Overall width  
- less table 3.19 m  
Wheelbase 3.80 m  
Overall height 3.65 m  
Overall weight 9075 kg  
(with 4.95 m table)

### VARIABLE EQUIPMENT

#### (Country specific)

Grain loss monitor  
Quick change straw chopper  
Electric straw chopper deflectors  
Auto 'return-to-cut'  
Maize equipment  
Sunflower header  
Table trailer  
Tyre options  
Air suspension seat  
Cab heating  
Chaff spreader  
Field pressure indicator  
Adjustable lower sieves  
Round hole sieves (4, 5.5, 9, 15 & 18 mm)  
Audio equipment  
5.0 m long unloading auger  
450 litre fuel tank



**THREE POINT  
POWER**

**Powerful engineering.  
Powerful products.  
Powerful support.**

**Point one** reflects our heritage of innovation and engineering excellence.

**Point two** recognises the demand for superior products with more controllable power.

**Point three** is our solid commitment to support your combine throughout its lifetime, with personalised finance arrangements, professional service and guaranteed, readily available parts, all delivered by our world-renowned Dealer network.

Three Point Power - making these combines as revolutionary as our original three point linkage.



[www.masseyferguson.com](http://www.masseyferguson.com)

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.

**ACTIVA** is a trademark of AGCO Corporation.

Massey Ferguson is a worldwide brand of AGCO Corporation.