

# HP | MF7200

378-413

High capacity straw walker combine harvesters  
2 models plus Auto Level versions



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT



MASSEY FERGUSON

# It's time to harvest

The production of arable crops has many variable factors which the grower must cope with to maximise crop yield and minimise costs.

At every point in a crop's life cycle, critical decisions must be made to ensure production goals are met.

Harvest time is the point where all these decisions turn into actual yield; the time to see if crop potential and bottom line financial return have been realised.

At such a crucial time, and with crop and weather variability still to cope with, the right choice of combine harvester to reap any rewards is vital.

The new CENTORA range of combines from Massey Ferguson has been designed to cope with your crops and your conditions to transfer field potential to store actual. Minimising costs and fuss, presenting and enhancing your bottom line even when the elements and time may be against you.



# PowerFlow

## - A cut above the rest

Put simply, PowerFlow is the most efficient cutting table available on any combine harvester today. Since 1976, PowerFlow has been making harvest easier and more profitable for its user.

Its two key features of massive knife to auger clearance and powered conveyor belts combine to give head-first, even feed into the machine. This works with all crops, in all conditions.

With PowerFlow you can specify the following control systems:

### Pre-set cutting height for effortless headland turns

Just one click to lower the table to your pre-set height. Double clicking will raise the table for perfect headland turns.

### Cutting height control

Continuously adjusts the cutting height as you harvest across the field for even stubble height. Cutting height control includes four pre-set heights.

### Field pressure control

Allows the table to follow the ground contour giving the lowest possible cutting height for flat crops such as peas and grass seeds, without the risk of "bulldozing" the soil. Field pressure control allows you to speed up your harvesting in difficult conditions with confidence.

### Auto Level table

Continuously adjusts the table left and right to ensure you follow the contours of the field. Sloping ground or uneven fields are no obstacle to achieving maximum output.

### Auto reel speed

Adjusts reel speed to ensure your selected 'forward speed to reel speed ratio' is maintained as you harvest.

### Schumacher knife system

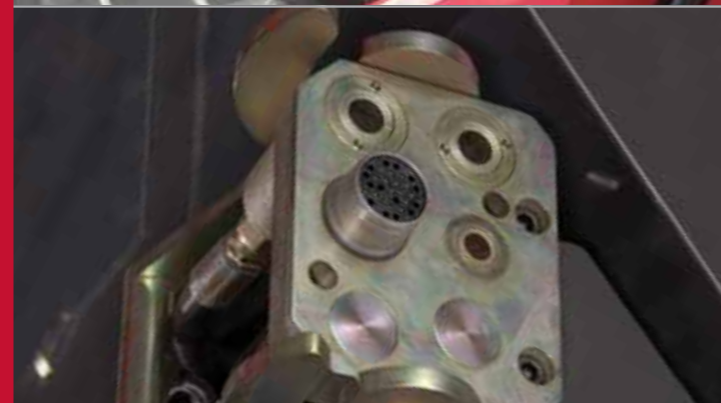
With the most efficient table you need a top performing knife. PowerFlow tables are fitted with the Schumacher system offering

high performance with rugged durability. The 'under and over' cutting process gives quality cutting in all conditions.

### Oilseed rape auger

An optional rape auger can be fitted which increases performance in tall crops. The hydraulically driven auger is mounted above the standard auger. It allows forward speed to be increased markedly, making oilseed rape harvest extremely quick compared to normal headers.

Folding dividers can be mounted for quick turnarounds and safety. Easily fitted crop lifters can be installed from their own storage position on the table when required.



# High performance threshing for maximum separation

This is the heart of the machine. 95% of threshing and separation should happen here, so the design is critical.

The unique design of the threshing cylinder and concave ensures maximum threshing and separation in all crops.

The cylinder has eight rasp bars mounted on backing bars. The rasp bars are reinforced to make them extremely strong and durable. This design also increases the peripheral weight of the cylinder and increases momentum, ensuring that smooth, even crop-flow is always maintained.

The highly permeable concave has many unique features. An additional rub bar is fixed to the front of the concave which starts threshing early.

The gap between this additional bar and the first bar on the concave is solid. This ensures a firm 'rub' so de-awners or filler plates are not required in difficult to thresh crops.

#### Simplicity with rotary separators

The rotary separator's speed and concave clearance can be adjusted easily:

Fast speed and close clearance for heavy straw and damp conditions are implemented to force out any trapped grains before the straw is 'fluffed' and delivered to the straw walkers.

Alternatively a slow and wide clearance can be set in very dry, brittle straw conditions where straw quality has to be maintained.

#### Constant Flow for smarter operation

The key to increased output is to keep the combine fully loaded. When the crop thins, the combine needs more material to keep everything running at 100% capacity.

Constant Flow achieves this by sensing the load on the cylinder and electronically varying the combine forward speed to match the crop.

Output can be increased by up to 15% in a wide variety of crops.

#### Features and benefits

##### Eight bar threshing cylinder with heavy-duty backing bars:

**Features:** High-inertia, even crop flow with constant speed.  
**Benefits:** Long service life.

##### High permeability concave offers:

**Features:** Additional front rub bar, early threshing, solid area between additional bar and first concave bar, 117.5° Concave wrap.  
**Benefits:** Ensures clean grain sample with maximum separation.

##### Electrical adjustment of concave clearance and cylinder speed via Datavision

**Features:** Easy adjustment whilst harvesting.  
**Benefits:** Maximise output.

##### Rotary separator

**Features:** Simple adjustment for different crops and conditions, maximise separation, minimise straw damage.  
**Benefits:** Machine flexibility.



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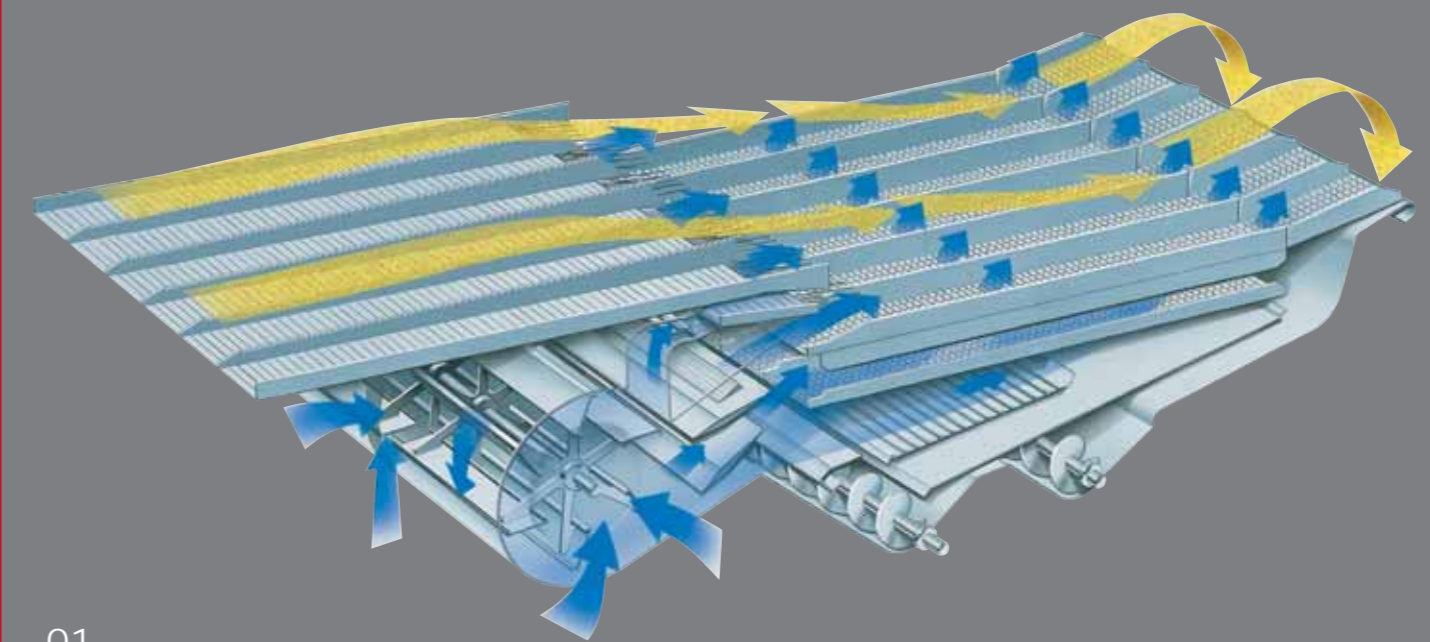
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# HiStream 100 Grain management system

The HiStream 100 Grain management system is designed to handle up to 100 tonnes per hour.



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01 The HiStream 100 system means total cleaning efficiency and superior output.  
02 Electrically adjustable sieves.  
03 Heavy-duty chain tensioner on the elevator drives.  
04 Returns volume monitor.  
05 Electrically opening tank covers with access to the grain tank.

Grain cleaning begins on the two preparation pans. The long stroke ensures efficient movement of large volumes of grain and chaff.

The pans, supported by massive carriers, begin the cleaning action, with the lighter chaff floating to the top of the mix.

Two 'cascade' steps with air blasts from the fan ensure all chaff is blown out of the machine. The electronically adjustable sieves combined with the constant air pressure from the fan (also in-cab adjustable), ensures that you are in complete control of final grain sample quality.

Returns material is dealt with by the separate re-thresher which evenly distributes the clean grain directly onto the grain pan with no possibility of it being remixed with the straw.

## Features and benefits

### Separate re-thresher

Features: Re-threshes crop and does not mix grain with straw.  
Benefits: Higher output.

### Electrical adjustment of sieves and fan via Datavision

Features: Easily adjusted during harvesting, easy-to-change settings between crops.  
Benefits: Maximises output.

### High grain pan divisions

Features: Lower grain loss on slopes.  
Benefits: Prevents sieve overload by channelling crop backwards.

### Grain pan and sieves

Features: Can be removed quickly and easily, facilitating easy cleaning and service.  
Benefits: Less downtime in difficult conditions.

### Large grain tank

Features: Easy to clean out for quick crop change, minimum down time especially when harvesting seed crops, turret design, low power requirement, straightforward operation and control of the unloading system at the touch of a button with features like 'double-click auger return button' to fold the auger in.  
Benefits: Ease of control.



# Separation: The gentler way

The eight walker system, which is unique to Massey Ferguson, increases agitation of the straw mat by 33% when compared with six walker systems.



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The straw walkers efficiently transport the straw from the rotary separator to the chopper (or the swath) ensuring any remaining grain trapped in the straw mat is removed and returned in the machine. However, its power requirement is considerably less than 'powered separation' systems, so fuel consumption is lower. Straw quality is also maintained.

**Effortless baling**  
Straw fed through the CENTORA system suffers less damage and is easier to pick up when swathed - with any baler, large or small. A single lever diverts the straw from the Straw chopper to leave a swath on the ground ready for baling.

**Residue handling – the key to lower incorporation costs**  
The CENTORA range is equipped as standard with the Min-Till Chopper.

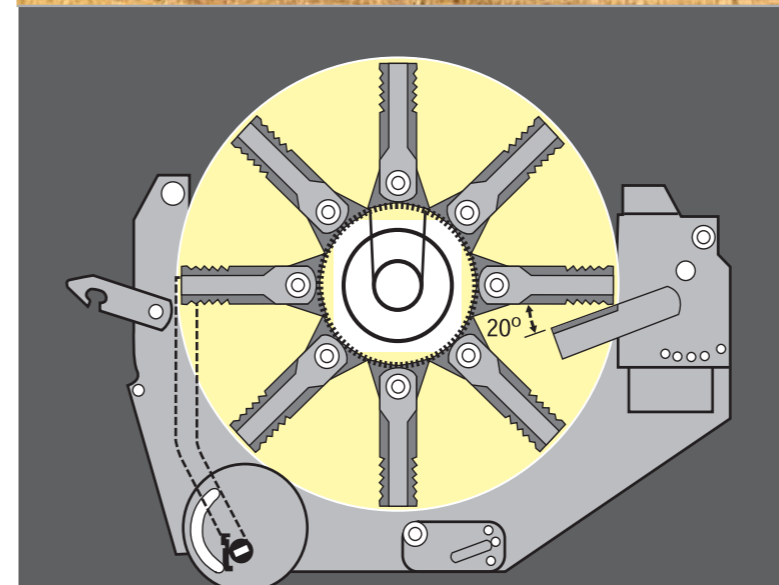
The Min-Till Chopper has eight rows of serrated blades and has a faster rotor speed than many standard choppers.

This means the minimum chopped length of the straw is very short. This ensures quick breakdown of the straw which is ideal for No-Till or Min-Till cultivation systems.

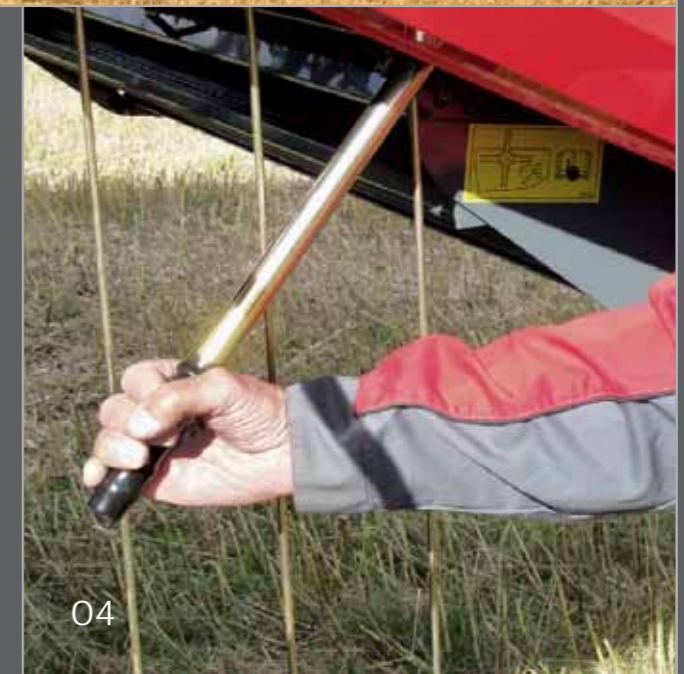
**The straw chopper**  
The chopper can achieve a spread of up to 9 metres. An additional 'dual chop' bar can be engaged easily for even more aggressive chopping action.

**The chaff spreader**  
The chaff spreader has been designed to spread the full width of the table, whether chopping or swathing the straw and will conveniently fold out of the way when access to the sieves is needed (Optional on MF 7280).

**Electric control of deflectors**  
Fingertip control from the Datavisión screen can reverse the deflector settings when turning at the headland (Optional on MF 7280).



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# Auto Level Combine: keeping productivity on the level

Both CENTORA combines are available as Auto Level machines where the combine rump levels independently, adjusting for slopes of up to 12%.

Ideal when working in steep or hilly conditions. This enables the combine to work at maximum efficiency for the majority of the time.

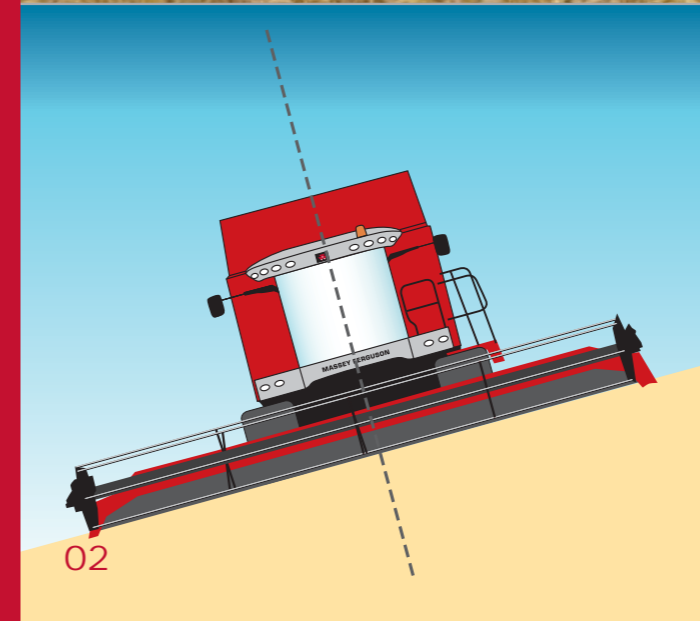
The Auto Level system is controlled by Datavision. This makes seamless adjustments to the machine and table while harvesting. It can be set easily on Datavision and can be manually overridden to avoid larger obstacles when required. It works in conjunction with the table controls to provide the complete package.

All the internal components are kept level which means they can continue to operate at full productivity.

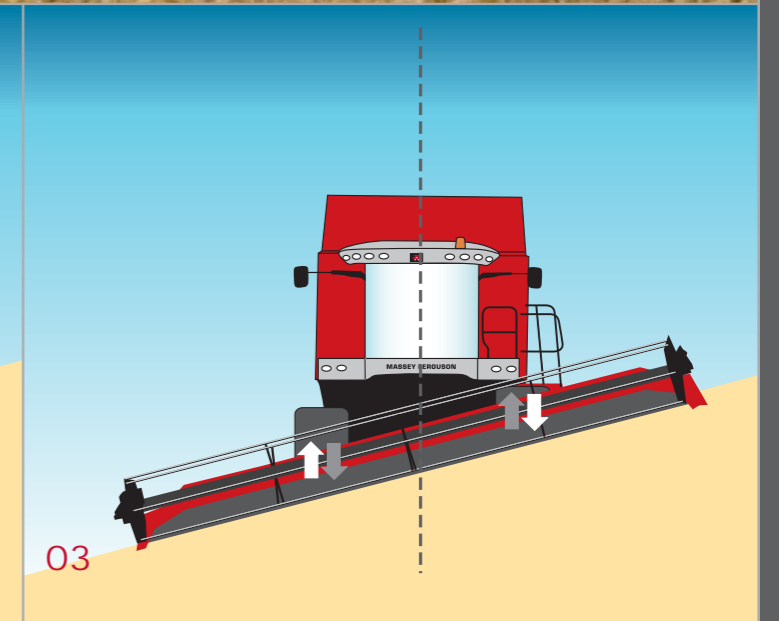
'Whole machine levelling' is more efficient than 'component levelling' as slopes affect the whole threshing and separation process.



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01 Auto Level at work.

02 Standard combine with Auto Level table.

03 Auto Level combine. The combine body remains level as wheel movement compensates for the slope.

# The ideal operator environment

The cab area and serviceability of the MF 7200 CENTORA puts you comfortably in control. Its efficiency and ergonomics are world-renowned.

Throughout your long working day you'll find that our combine cabs are quiet and vibration-free, allowing you to carry out the harvesting without distraction. Tinted glass and air conditioning come as standard and electronic controls put everything at your fingertips.

#### Sitting comfortably?

The standard air suspension seat suits drivers of every shape and size, and the new '3D' (tilt, telescopic, incline) steering column, allows the driver to find the perfect working position. In addition to this there is a convenient upholstered instructor seat.

#### A perfect position - day or night

Eight work lights as standard ensure round-the-clock productivity, in comfort and safety.

#### Fast, accurate unloading

The operator has a perfect view of the unloader so there's no need to lean forward uncomfortably. Unloader engagement is protected so that it cannot be switched on accidentally. It can also be locked-on for static unloading.

#### Complete control

The Multi-function Lever is part of the armrest on the seat, making operating adjustments convenient and easy; like the Datavision

screen, it can be adjusted precisely to suit the operator's driving preference. Datavision screens can also be selected from the Multi-function Lever, in addition to extending and closing the unloading auger.

#### Fast access to all areas

Four daily greasing points means a quick turnaround in the morning. Our engineers have designed the CENTORA to be harvesting for as long as possible keeping unproductive time to a minimum.

The solid engine cover offers safe and secure access to the grain tank and protects the engine from the elements while closed. When open it offers unrestricted access to the engine service points. Cooling air for the radiators is effectively filtered by the rotary screen. Access for cleaning is quick and easy from the engine bay.

Two-piece side panels provide safe and unrestricted access for routine maintenance, and a detachable engine bay ladder enables the operator to reach every area.



01 Spacious, ergonomic cab.

02 Multi-function lever.

03 Safe, clear access to the engine bay area.

04 Detachable engine bay ladder allows for quick and easy access.

05 Large, side opening panels allow for quick and easy servicing.

06 Centralised electronics with lockable cabinet.

07 Overhead console comes complete with Datavision printer, mirror adjustment, air-conditioning, heating and Radio/CD player.

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# Datavision

Datavision is very much a part of combine operation. It is a key tool for getting maximum efficiency from you and your machine in an easy-to-use way.

## What can Datavision do for you?

The screen position is adjustable for comfort and has a clear easy-to-read display.

It enables the operator to see up to eight different functions of his choice simultaneously. You can, at a glance, ensure that you are getting the best from your machine.

You can improve your efficiency, as it is easy to adjust major settings, including sieves and concave clearance, from the screen.

Datavision makes operation easier by having a single clear point of reference and is large enough to be looked at quickly and understood.

It provides protection and warnings for the machine and operator, avoiding unnecessary cost and time loss.

There is a diagnostic feature, which saves time for you and your dealer when servicing or trouble-shooting.

It can provide logging information on yield and combine performance, which forms the basis for Precision Farming.

**No one has more experience than Massey Ferguson when it comes to measuring combine field performance.**

This means that you can benefit from this experience by choosing one of the integrated systems for yield mapping and data-logging that we offer. A choice of yield metering equipment is available to match your Precision Farming requirements.



# Customer support

## Dedicated service and dynamic support

Massey Ferguson is a truly global brand with machines operating all over the world, and behind every Massey Ferguson machine is the powerful after sales support of AGCO's Customer Support organisation.

Industry benchmarking shows that AGCO offers customers world-class parts and service support, and this is never truer than in support of our harvest machinery both in and out of season.

### In season excellence

The Harvest Support Programme is designed to be extremely dynamic and able to adapt immediately to changing conditions. Each harvest experience in every country is used to continuously enhance the comprehensive service. Key elements include:

- A dedicated harvest parts warehouse guaranteeing superb parts supply and availability, and enabling a direct and rapid logistical response.
- 24/7 AGCO Parts warehouse and Customer Service facilities for MF European combine markets.
- Dealer direct access to on-line parts ordering 24/7 with full visibility of parts availability throughout the European warehouse network round-the-clock.
- Exceptional services such as late cut-offs, special transport, 'Eurodirect' deliveries throughout Europe direct to MF dealers and customers, and collection services.
- Specialist technicians with expert product knowledge supporting local markets.

- Local dealer commitment to the highest levels of service by operating 'out of hours' parts and service support.

### Year round distinction

Naturally we recognise that supporting our harvest equipment goes beyond the harvest period.

All Massey Ferguson machinery benefits from year round focus in the form of both the exceptional standards provided by AGCO Parts as well as specific servicing packages:

- Industry-leading parts supply through AGCO Parts' state-of-the-art warehousing and logistics.
- Genuine parts from AGCO Parts, the only genuine supplier, guaranteeing the right fit, first time, every time.
- Well-qualified parts specialists and highly-trained service technicians providing dedicated service support and technical solutions.
- After sales solutions for all ages of machinery for maximum uptime in every situation.
- Specific focus on preventative maintenance through comprehensive pre- and post-season health checks.
- Long term reliability from affordable servicing and maintenance packages.

After sales support from AGCO Customer Support is about providing the best solution to our customers' needs through world-class parts and service; providing the local service to the global brand.



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# Our promise to you

Our mission at Massey Ferguson, since the company was founded, has been to design, engineer and manufacture reliable, trustworthy and innovative machinery. Machinery that people recognise the world over.

## VISION

Our vision for the world of agricultural machinery has always been clear; to produce worthwhile and innovative solutions for professional farmers feeding the world. Always recognisable, the Massey Ferguson brand of products signifies technological advancement, enhanced design, strict testing and quality manufacturing which is consistently trustworthy and hardworking.

## INNOVATION

We've always been one step ahead when it comes to innovation. Our founder, Harry Ferguson is proof of that.

Through continual questioning and analysis of customers' needs, our products are designed, tested and built to enhance productivity, efficiency and convenience, constantly pushing the boundaries of farm machinery.

From the simplest push of a button to technological innovations in engine and transmission efficiency, we strive to make life simpler for the operator.

## LEADERSHIP

Massey Ferguson is the most widely sold agricultural machine in the world, making us the leaders in the agricultural arena. We've won awards for our class-leading technology and advancement in design and we're already driving ahead, environmentally and economically.

## QUALITY

It takes certain distinctive attributes to make a quality product. At Massey Ferguson, this distinction starts at the drawing board and doesn't stop. Every stage of manufacturing, from the building and testing process to sourcing the best components, demands excellence. Our products and services meet the most stringent standards allowing us to deliver our promises, confidently.

## RELIABILITY

We don't let a Massey Ferguson machine out of our sight until we are 100% sure it will perform to the high standards you expect. Only after rigorous and painstaking testing both in simulations and in the field, will we allow our products to leave the factory. Whatever you put your machine through, day after day, season after season, we can guarantee we've already tested those limits and gone beyond them.

## SUPPORT

Agriculture can be a tough business, that's why we make sure that you can get support whenever you need it and at crucial times of the year. Be assured of sustainability from more than 3,200 dealer outlets in over 140 countries and a comprehensive machinery distribution network, you'll be part of dedicated family of specialists who make it their business to give you genuine, top quality service support.

Equally, we won't let an opportunity slip through your fingers. If you have the commitment but not necessarily the financial resources to compete in today's market-driven climate then AGCO Finance could have the solution. Ask your local dealer for more information.

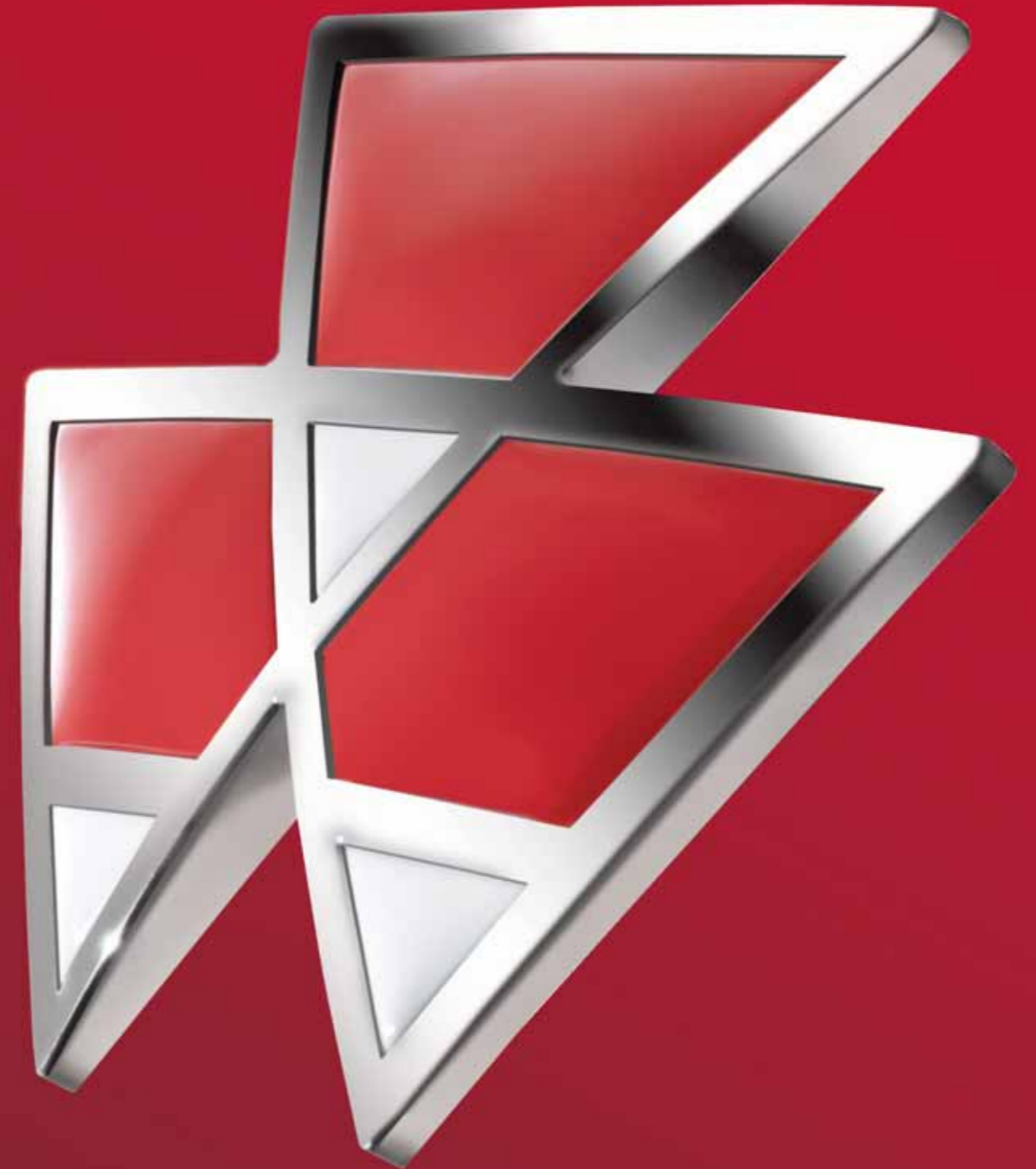
Financial options are market specific but can include leasing, hire purchase, contract hire and loan facilities.

## PRIDE

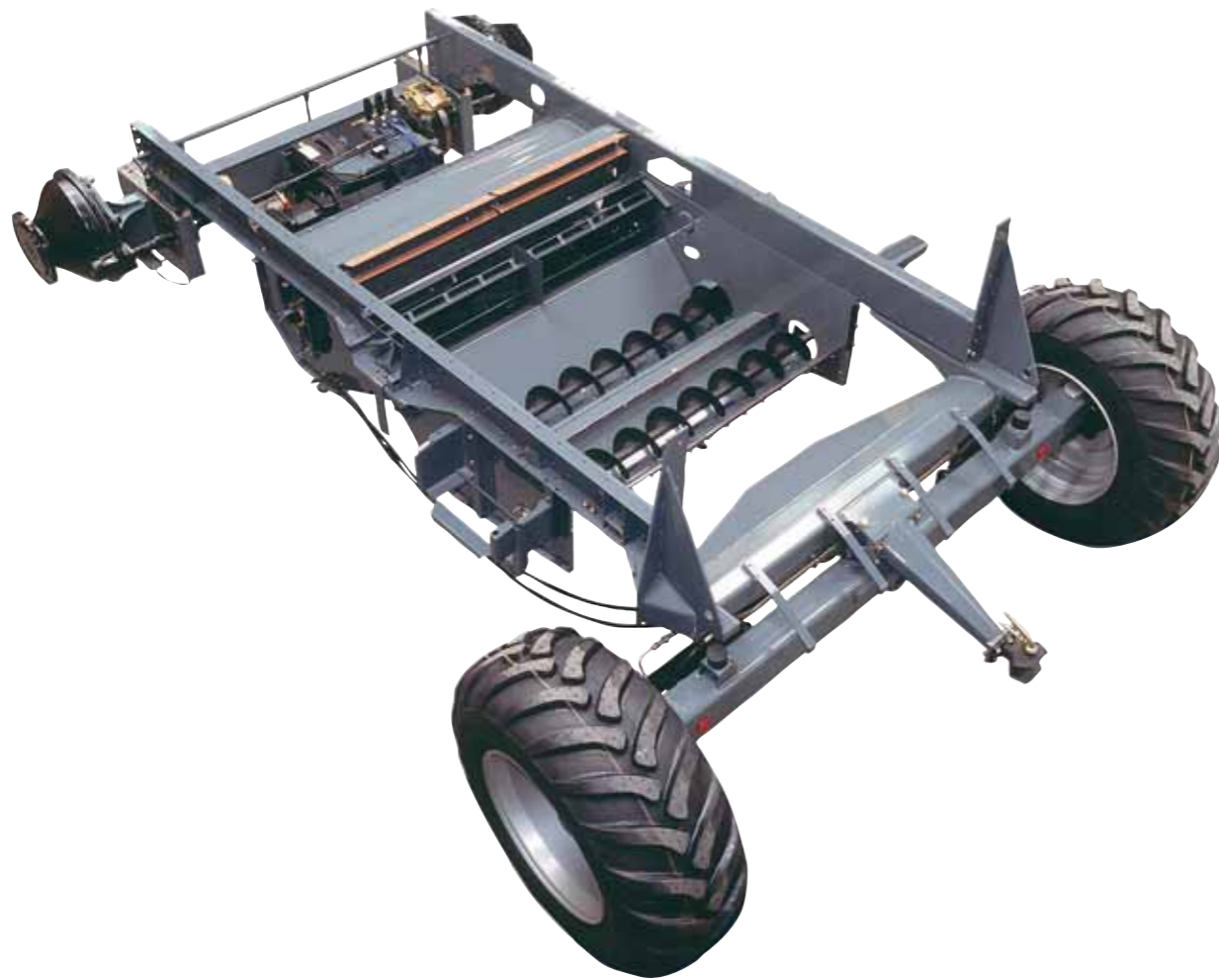
Pride means many things to us at Massey Ferguson. It's in everything we do and it shows. It's in our proud heritage, our unique product design and our ongoing support to our customers.

## COMMITMENT

We are deeply committed to delivering the highest of expectations and to build quality, reliable products with innovative features that are backed by the best support packages. Ultimately, we are committed to continuous growth and profitability for all, whilst recognising the needs of both large and small businesses through professionalism and quality.



# Real strength comes from within



The MF 7200 CENTORA combine harvesters all feature the ultimate in durable and extra-strength chassis framework thanks to the consistently high quality of design and build standards at our source factory.

Assembly using the very latest processes such as 'DFT' (Demand flow technology), guarantees that each machine is built to the highest standard.

Extensive use of powder paint coated parts ensures that the machine looks good and it protects your investment for the future too.

Harvests have become longer and downtime must be minimised so Massey Ferguson engineers have purposely overspecified components such as belts, shafts and bearings to the next size up from the usual specification.

This ensures longevity from each carefully designed component, saving you time and money in the field.

All excellent reasons to make an investment and join the Massey Ferguson family to reap the benefits of reliable, trustworthy machinery.

PowerFlow Table Width	MF 7280/7280 AL	MF 7282/7282 AL
620 (6.2 m (20'))	○	○
680 (6.8 m (22'))	●	○
770 (7.7 m (25'))	○	●
920 (9.2 m (30'))	○	○
<b>Threshing System</b>		
Hi-Inertia cylinder - W/D	1680/600	1680/600
No. of bars	8	8
Concave area	1.18 m <sup>2</sup>	1.18 m <sup>2</sup>
Rotary separator	●	●
<b>Separation</b>		
Total powered separation area	2.57 m <sup>2</sup>	2.57 m <sup>2</sup>
Total separation area	10.47 m <sup>2</sup>	10.47 m <sup>2</sup>
Straw walkers	8	8
<b>Cleaning System</b>		
Total sieve area (m <sup>2</sup> )	5.3	5.3
Sieve adjustment	●	●
Returns	Rethresher	Rethresher
<b>Grain Tank</b>		
Capacity - litres	9500/9500	10500/9500
Auger type	Turret	Turret
<b>Straw Chopper</b>		
Min till 108 blades	●	●
Electric deflectors	○	●
Chaff spreader	○	●
<b>Engine</b>		
Make/type	AGOC SISU POWER 8.4	AGOC SISU POWER 8.4
Power - hp	378*	413*
Fuel tank capacity - litres	750	750
<b>Tyres</b>		
Front	650/75R32 - 800/65R32	800/65R32
Rear	500/60 - 26.5	500/60 - 26.5
<b>Width Without Table</b>		
Non Auto Level	650/75R32=3500	800/65R32=3800
Auto Level	620/75R34=3480	800/65R32=3882
<b>Weight - kg inc. std. table</b>		
W/o chopper and chaff	16430	16540

● = Standard  
○ = Optional

\* Includes 30 hp power boost

# MF 7200 CENTORA

## highlights

Here's a quick reminder of some of the advanced features of the MF 7200 CENTORA that further enhances its place firmly within the harvesting sector.

- 01 PowerFlow. The ultimate cutting platform with a long pedigree. Simple to attach and detach, easy to change from crop to crop. Always ensures even feed.
- 02 Massive threshing cylinder, beater, rotary separator and concaves. 3 Cylinder separation and threshing with enormous strength built-in ensures high-performance, easy adjustment and longevity.
- 03 Constant Flow keeps the machine loaded to its optimum - automatically.
- 04 Residue handling an 'even spread' at the length you require - up to 9 m, thanks to the standard Min-Till chopper with double chop and easily positioned chaff spreader.
- 05 Datavision - Control, monitoring and adjustment of all the machine's vital components from one easy-to-see and simple-to-use control interface. Easily upgraded to allow yield mapping and data collection.
- 06 Cool, quiet and calm, how harvest should be. The cab provides a quiet and comfortable location with unrivalled visibility where every control feels easy to handle.
- 07 Maize: CENTORA's dedicated maize kit tailors the machine to allow high performance even in the highest yielding crops.
- 08 Wheat: The CENTORA's high output threshing system ensures high performance whilst the unique 8 walker system preserves straw quality.
- 09 Oil seed rape: The unique PowerFlow table gives unrivalled feed of the crop into the machine. The Rape Auger prevents losses, allows higher forward speeds and enhances output even further. Two high specification knives can be fitted easily to existing brackets and connected to the pre-wired power supply.
- 10 Grass seed: CENTORA is the only machine on the market that was designed specifically with grass seed harvest in mind. Strong chassis, super sized shafts and bearings and tough drive lines ensure years of durability in this most demanding crop.
- 11 CENTORA offers you a solution to all your harvesting requirements. You can be sure that this confident package will get the job done even when the elements are against you. Preserving your harvest and your bottom line.