

MF BETA AL4

MF 7360

5 STRAW WALKERS | 306 HP



MASSEY FERGUSON

BORN TO **FARM**

MF BETA AL4

WHERE IT'S NEEDED.



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BUILT TO MEET THE NEEDS OF THE MOST DEMANDING HARVESTS

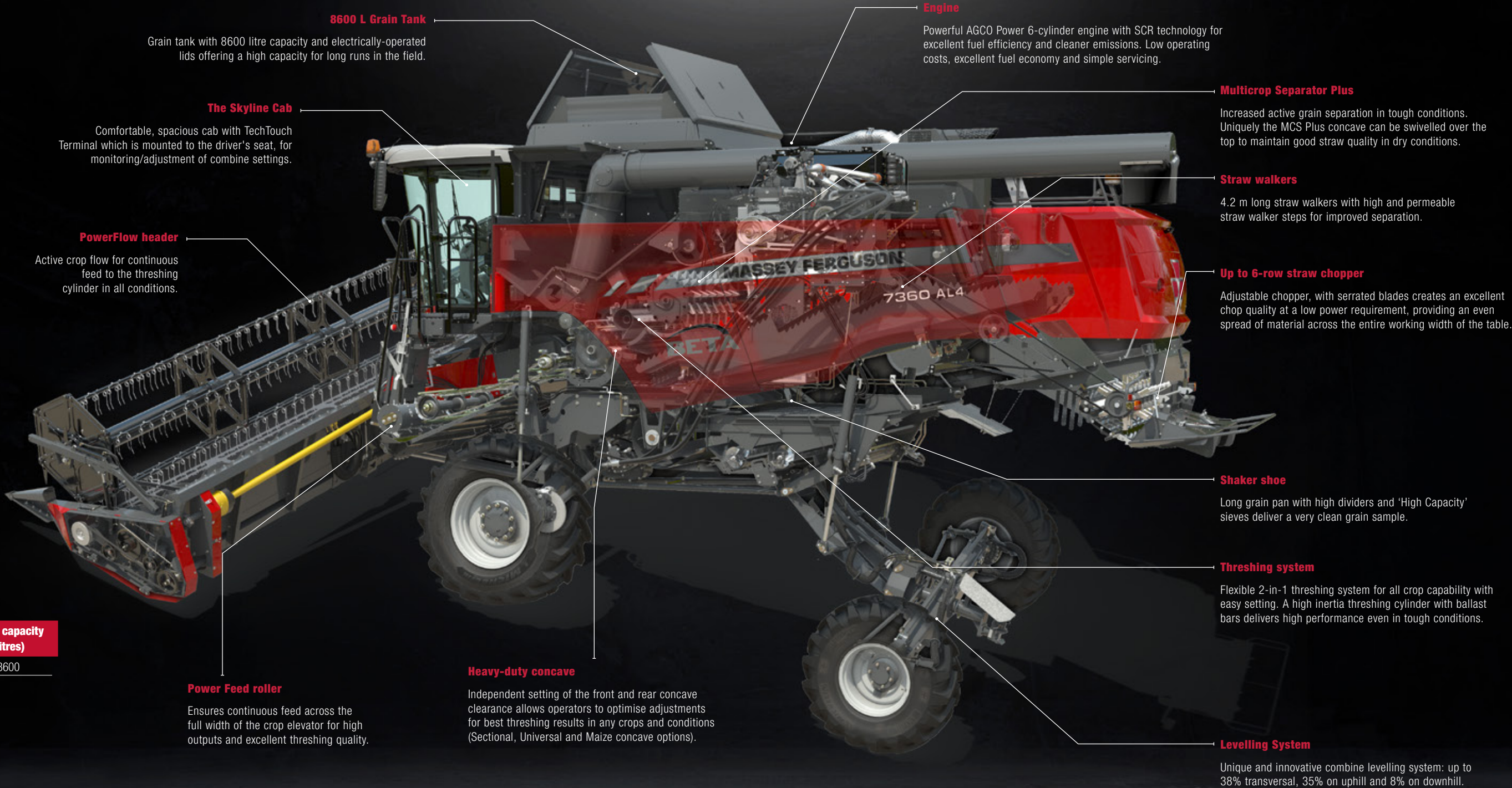
The MF Beta AL4 combine offers a straightforward, practical design with a mix of technology and functional features that are simple to work with in the field where time is of the essence.

The uniqueness of the MF BETA AL4 lies in the integral levelling system driven by 4 hydraulic cylinders that allow the adjustment of the machine on slopes – up to 38% transversal, 35% on uphill and 8% on downhill.

The system guarantees great flexibility and high levelling accuracy for greater operator comfort and optimum machine performance.

Model	Max power (hp/kW)	No. of straw walkers	Grain capacity (litres)
MF Beta 7360 AL4	306/225*	5	8600

*With power boost



8600 L Grain Tank

Grain tank with 8600 litre capacity and electrically-operated lids offering a high capacity for long runs in the field.

The Skyline Cab

Comfortable, spacious cab with TechTouch Terminal which is mounted to the driver's seat, for monitoring/adjustment of combine settings.

PowerFlow header

Active crop flow for continuous feed to the threshing cylinder in all conditions.

Engine

Powerful AGCO Power 6-cylinder engine with SCR technology for excellent fuel efficiency and cleaner emissions. Low operating costs, excellent fuel economy and simple servicing.

Multicrop Separator Plus

Increased active grain separation in tough conditions. Uniquely the MCS Plus concave can be swivelled over the top to maintain good straw quality in dry conditions.

Straw walkers

4.2 m long straw walkers with high and permeable straw walker steps for improved separation.

Up to 6-row straw chopper

Adjustable chopper, with serrated blades creates an excellent chop quality at a low power requirement, providing an even spread of material across the entire working width of the table.

Shaker shoe

Long grain pan with high dividers and 'High Capacity' sieves deliver a very clean grain sample.

Threshing system

Flexible 2-in-1 threshing system for all crop capability with easy setting. A high inertia threshing cylinder with ballast bars delivers high performance even in tough conditions.

Levelling System

Unique and innovative combine levelling system: up to 38% transversal, 35% on uphill and 8% on downhill.

Power Feed roller

Ensures continuous feed across the full width of the crop elevator for high outputs and excellent threshing quality.

Heavy-duty concave

Independent setting of the front and rear concave clearance allows operators to optimise adjustments for best threshing results in any crops and conditions (Sectional, Universal and Maize concave options).

VIRTUAL REALITY



Use your smart phone TO step inside THE MF BETA AL4



- ◀ STEP 1
Use a QR code reader app. Download it for free from iTunes or the Android Play store.



- ◀ STEP 2
Open the app and scan this QR code...



- ◀ STEP 3
...and step inside your Massey Ferguson combine.

Live the eXperience in 2D, moving your smartphone around in all directions or using your fingers.



- ◀ STEP 4
Live the full VR 3D Experience by clicking on the dedicated icon and use in combination with a pair of VR glasses.

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.

Combined multicoupler is standard for quick table dismount.

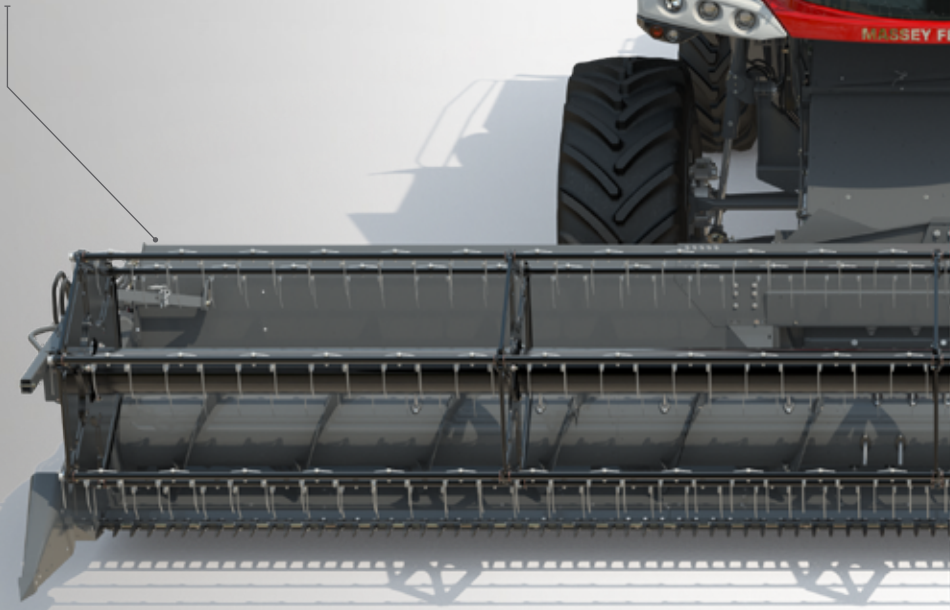


Full width auger fingers on the FreeFlow table increase auger throughput, ensuring positive and fast feed into the main crop elevator.

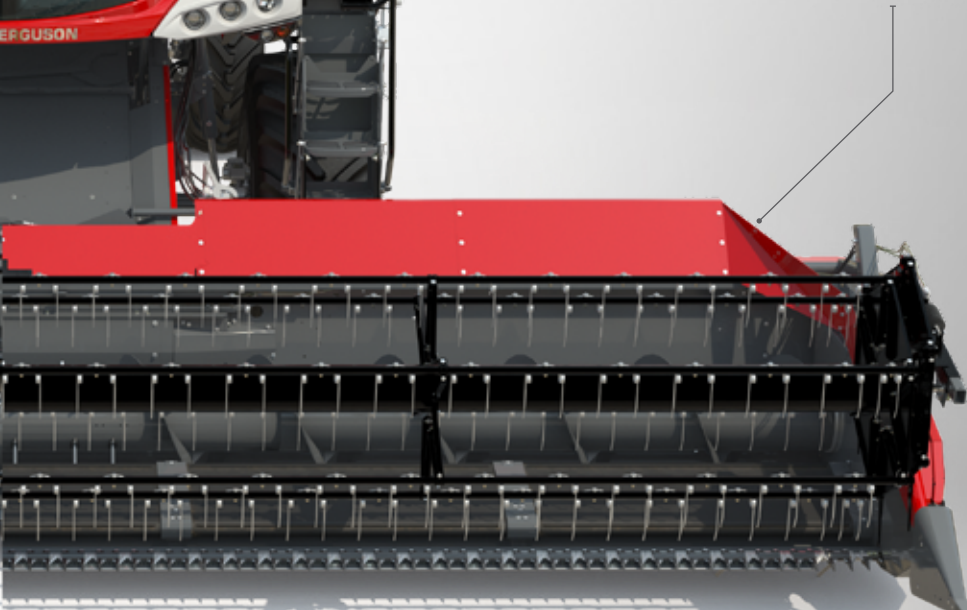


The Power Feed Roller at the front of the main crop elevator gives a consistent crop flow from the table into the main crop elevator. It can be reversed simply and effectively from the cab.

FREEFLOW
UP TO 7.0 M



POWERFLOW
UP TO 6.8 M



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.



TerraControl II provides a mix of automatic functions for the standard table-levelling (**FreeFlow** or **PowerFlow**), and ground-following system (Field pressure) – all the metrics are controlled from the operator's multifunction lever. Small changes in height requirement can be made quickly and easily creating an even feed in changing conditions. The automatic reel speed function takes tasks away from the operator so they can focus on getting the best from the machine.



The Schumacher knife is the best performing knife in the business at 1220 cuts a minute. Self-cleaning and consistently sharp, this keeps the crop moving in tough conditions.

THRESHING & SEPARATION

THE FLEXIBLE HEART OF THE COMBINE. EQUIPPED WITH A ROBUST, HIGH-INERTIA CYLINDER AND A HEAVY-DUTY CONCAVE, THESE MACHINES CAN HANDLE CROPS EASILY.

The threshing drum has added weight in the form of ballast bars which increases the inertia in the cylinder as the rasp bars thresh the heads. This reduces load on the drives, power requirement and fuel consumption.

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.

At the rear the main concave is extended by the Active Beater Concave which is adjustable in three positions depending on conditions.



▲ TWO SYSTEMS IN ONE

The Multicrop Separator (MCS) provides a massive separation area to remove as much of 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 is moved 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.

A MULTITUDE OF APPLICATIONS ►

A full maize kit can be fitted including a maize concave. For this application the chopper speed reduction kit comes as standard with the grain version.

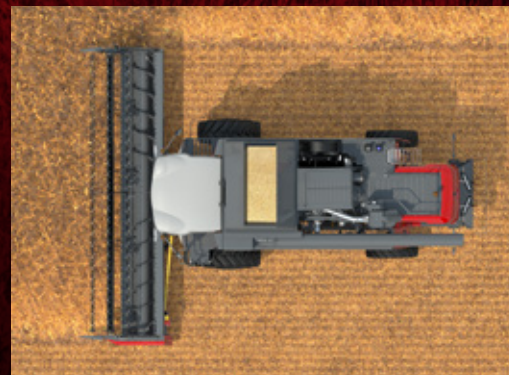
To increase versatility and save time Massey Ferguson can offer an optional Sectional concave which is designed to harvest a multitude of crops. The conversion time when moving from small grain to large seeded crops such as Soya, Maize and Sunflower can be completed in minutes rather than hours.

A sectional concave with removable elements can be fitted if required.



GRAIN TANK & SHAKER SHOE

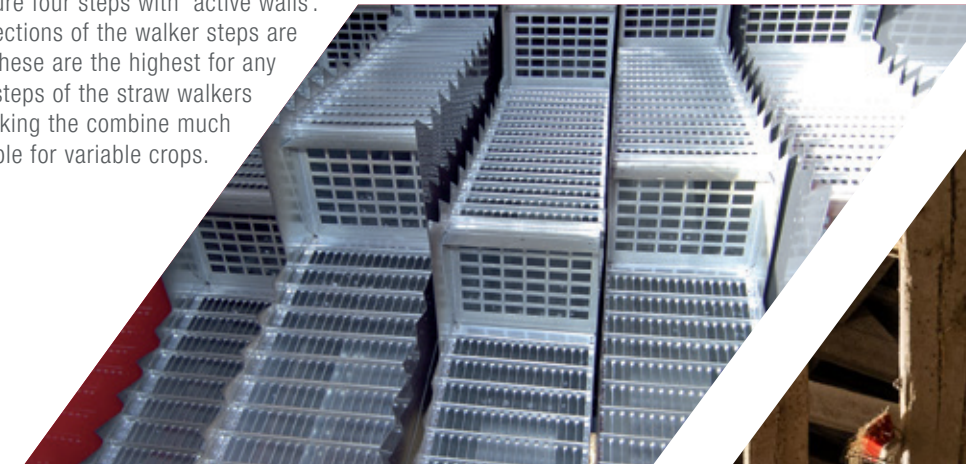
More clean grain in the tank brings higher returns. Efficient, but gentle threshing, followed by the well-proven separation and cleaning system, results in the highest quality sample in the tank. An optional moisture sensor keeps check on the quality, while the yield monitor option helps identify differences across the field, which can be mapped for analysis later.



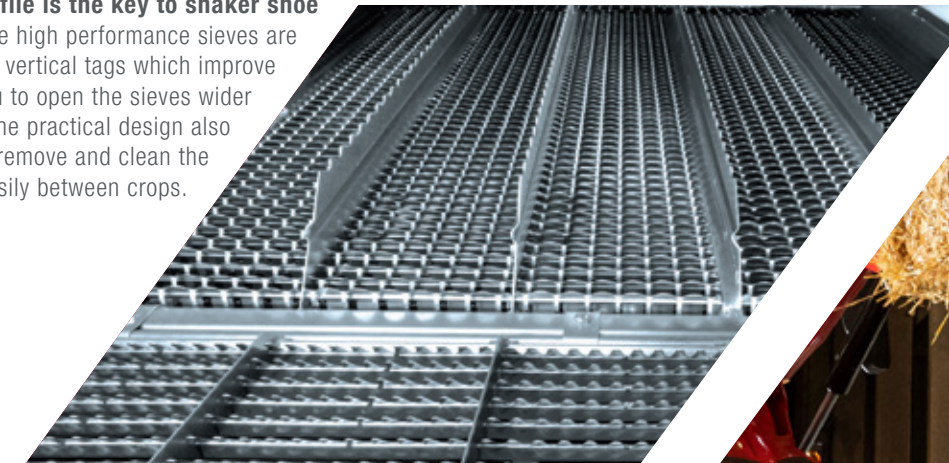
THE GRAIN TANKS HAVE A HIGH CAPACITY OF 8600 LITRES WHILE THE UNLOADING RATE OF 105 L/SEC IS ONE OF THE HIGHEST IN THE CLASS.



The long **straw walkers** feature four steps with 'active walls'. The 210 mm 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 harvest making the combine much more durable for variable crops.



The sieve profile is the key to shaker shoe performance. The high performance sieves are specially designed with vertical tags which improve the sample and allow you to open the sieves wider for greater throughput. The practical design also allows one person to remove and clean the sieves easily between crops.



For those who require straw, the threshing system is gentle and leaves the straw in perfect condition for baling feed and bedding straw or producing products for power generation.



MAKE THE MOST OF
YOUR WORKING DAY

IN THE SKYLINE CAB

A good cab environment is the key to getting the best performance from the machine and operator. The Skyline cab offers excellent visibility of the header, stubble, unloader and at the rear through large electrically adjustable mirrors or the standard camera feature in the TechTouch Terminal.

MASSEY FERGUSON

MADE FOR **COMFORT**

SOMETIMES IT IS THE SMALL DETAILS THAT CAN MAKE A HUGE CHANGE TO YOUR WORKLOAD

Cooled storage box



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

- ▶ Fully automatic air conditioning including heating
- ▶ Air suspension seat
- ▶ Electrically adjustable heated mirrors
- ▶ Instructor seat with cooler and storage box
- ▶ Excellent sound insulation including special sound absorbing glass means you work in quiet comfort
- ▶ Safe and easy-to-use cab steps

View your stubble scenery



Ergonomically placed controls makes the workload easier and more productive

Flexible visibility from the two part mirrors



See the unloader auger without having to bend forward

The TechTouch Terminal right at hand



Operator's view of the main controls

GET THE BEST FROM YOUR MACHINE WITH **OPERATOR- FRIENDLY CONTROLS AT YOUR FINGERTIPS**



Reel speed setting

Drive activation

Guidance engagement
Reel fore/aft
Reel lift/lower
Automatic header control engagement
Automatic stop
Cutting header up/down
Cutting header level left/right
Unloading auger open/close/Auto

Unloading
engagement

Engine speed setting

TechTouch Terminal

Perfectly in view and reach is the TechTouch terminal, providing all the relevant performance information and settings for the combine, touch screen controls with clear definition are easy to use and adjust.

Power grip lever

PowerGrip Multifunction lever falls naturally to hand. Sitting on top of the armrest it contains all the switches for the commonly used controls. The armrest can also be raised and moved forward to suit the operator, using two levers on the right hand side of the console.



Keypad

The soft touch keypad, located directly to the right side of the armrest, is used to operate the commonly used combine functions. The soft, raised keys lead directly to the individual menus on the TechTouch terminal.

Drum speed setting

Front concave
clearance

Rear concave
clearance

Longitudinal
levelling

Cross
levelling

Manual longitudinal
levelling

Manual cross
levelling

Fan speed setting

Upper sieves setting

Lower sieves setting

Straw chopper deflector L/R (option)

Grain tank cover open/close

Vertical knives engagement (option)

Road mode / Guidance engagement

Park brake engagement

4WD engagement

Cutting header and table reverser engagement

Thresher engagement

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. It's better for the environment 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.



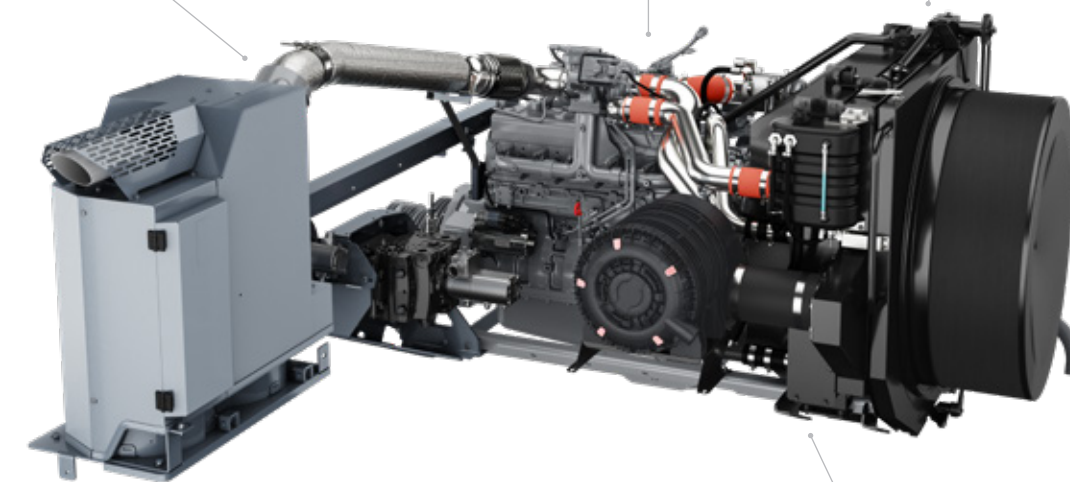
**LATEST &
CLEANEST**
engine technology



7.4 L ENGINE
uses DOC+SC+SCR
after-treatment system



LOW NOISE
Running at lower rpm



**MAINTENANCE-FREE
SYSTEM**



FUEL SAVING
Very low fuel consumption

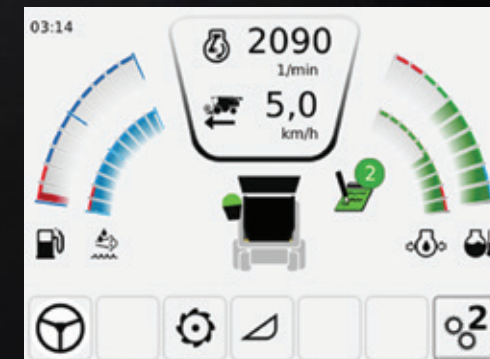
OPERATION AND CONTROL AT YOUR FINGERTIPS

Designed to make your life easier

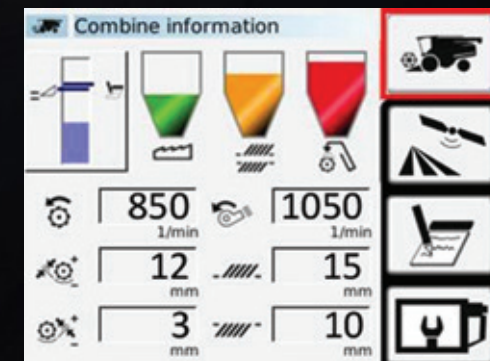
- ▶ Large, easy-to-read screen, divided into four parts, enables operators to quickly find what they need to see. Designed to help get the best from the settings, it's logical layout makes it simple to navigate – using either the navigator pad or the short-cut keys on the touch screen
- ▶ Clear colour display makes it easy to understand and act on information
- ▶ Adjustable mounting enables operators to select the best working position
- ▶ Automated crop settings – up to 10 different crop settings can be made
- ▶ A rear-view camera is standard, with its images displayed directly on the TechTouch terminal, providing perfect visibility of what is happening behind the combine
- ▶ Combines come pre-wired for a second camera option



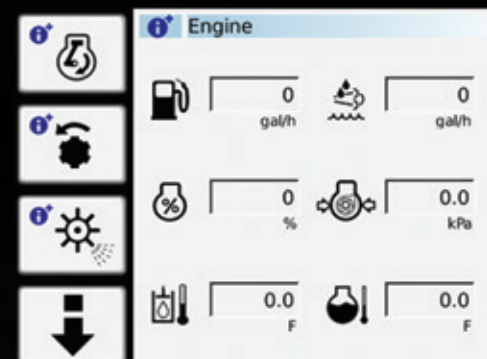
The TechTouch Terminal is the control centre for all key performance operations. This can all be accessed via the touch screen or you can use the unique safety navigator to display the screen you require.



The general information screen is always on display in the top left-hand corner of the display. It shows engine speed and ground speed. Alongside these are the gauges for fuel, AdBlue, oil and engine temperature. The graphic also displays the current combine status for the grain tank and the unloading auger.



The easy to read displays on the combine main menu indicate actual and set header height, grain loss from straw walkers and sieves, and the returns volume. Below that are the current settings for header height, cylinder speed, concave opening front/rear, fan speed, sieve opening top/bottom. All settings can quickly be adjusted using shortcut keys on the icons.



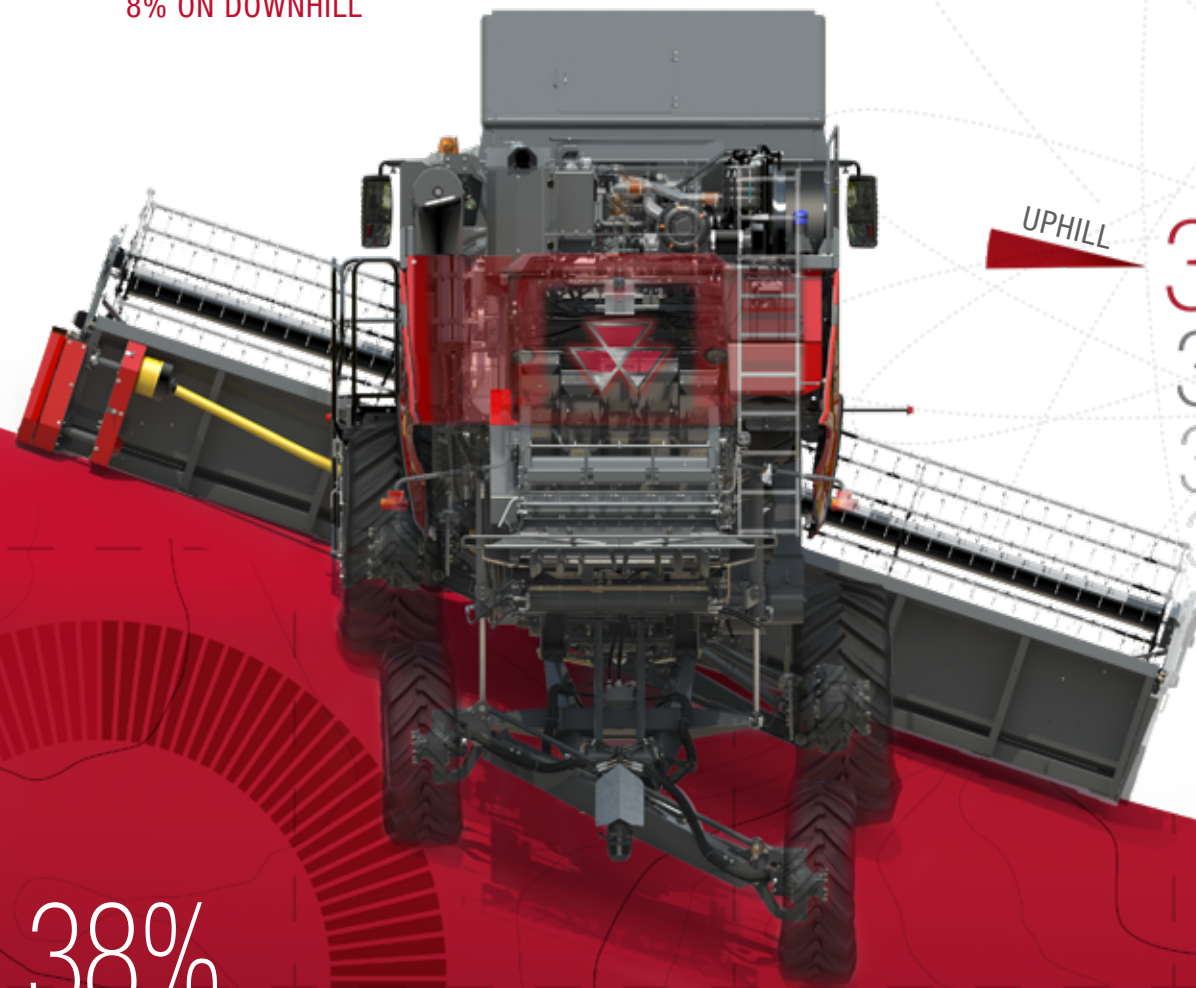
The windows at the bottom of the terminal are called Info plus screens. Here the operator can select between various screens giving detailed information on the combine functions. For example the operator can see information at a glance on the engine and shaft speeds and be reassured that all systems are working fine.



Up to two camera views can be seen in the terminal windows at the bottom. The operator can decide to have the camera view on display at all times or only for example, whilst reversing. The image can be enlarged to show the whole screen at the touch of a button, quickly and safely.

LEVELLING SYSTEM

UP TO **38% ON TRANSVERSAL**,
35% ON UPHILL AND
8% ON DOWNHILL



UPHILL

35%

34

33

32

38%

ON TRANSVERSAL

“SIMPLE PARALLEL
LINKAGE MAKES FOR
EFFORTLESS CHANGE OF
ANGLE IN THE FIELD.”



This system offers levelling with the table on slopes up to **38% ON TRANSVERSAL, 35% ON UPHILL AND 8% ON DOWNHILL**.

Combine components are generally designed to work on the level, and this system maintains that level longer on slopes, keeping the machine working at **maximum efficiency for longer - increasing your output**.

Part of the package for balance is a standard **4WD dual displacement system** with a high capacity hydrostatic pump, which always provides the right traction with a low power consumption when climbing small or moderate hills, and maximum displacement when climbing steep hills.

This system also gives more **positive steering control and greater traction in all conditions**.

The MF Beta AL4 also has proportional valves which adjust the machine body in respect of the slope keeping it horizontal during harvesting on hills.

The braking system is key on this combine and **increases the safety** to a high level thanks to the braking discs positioned on the final drives.

The efficiency of the combine on sloping grounds provides a **better output and sample in complete safety** for the operator, working automatically and seamlessly to ensure that the operator can concentrate on cutting accurately.



8%

ON DOWNHILL



PARTS & SERVICE

IT'S ALL ABOUT A LIFETIME OF SUPPORT

Buying, owning and maintaining farm machinery can be complex, so having absolute peace of mind that you have great back-up and support is a hugely important consideration. As a Massey Ferguson customer you are assured of personalised, responsive and friendly support from our network of expert dealers who truly understand your business.

There's no cut-off time for Parts and Service because a machine may be out of service. We're available to you throughout your ownership of your Massey Ferguson machine.

We take great pride and responsibility in every machine we sell and we make it our mission to keep your machinery running reliably, every time you turn the key.



CONNECTED ANYWHERE. ANY TIME.

GREATER UP-TIME, OPTIMISED MAINTENANCE AND SMARTER SERVICES WITH MF CONNECT.

OWNER, DEALER AND COMBINE ARE 100% CONNECTED!

MF Connect is a fleet monitoring system, that allows customers to keep a close eye on their Massey Ferguson machines.

Viewing machinery operations and equipment operating parameters in virtually real time on their mobile phone, tablet or desktop computer has never been easier.

This enables owners and managers to manage operations more effectively, helping to improve operating efficiency with remote diagnostics, ensuring optimum uptime.



INFORMATION,
WHEREVER AND
WHENEVER YOU
NEED IT



FIX YOUR COSTS AND GUARANTEE OPTIMUM PERFORMANCE FOR YOUR MF BETA AL4 WITH MF CARE.

MF Care Service and extended warranty contracts are flexible to suit your payment and operating hours requirements. Regular servicing provides preventive maintenance – picking up any faults before they become a problem, which helps reduce downtime. A full dealer service history using genuine AGCO Parts will also increase the residual value of the machine.

- ▶ Support maximum residual value of your tractor
- ▶ Flexible terms and long-term price packages
- ▶ Available up to 12 months from registration
- ▶ Experienced MF technicians available for on or off-site servicing

	SILVER	GOLD
DETAILS	REGULAR MAINTENANCE CONTRACTS The Service Package includes all prescribed maintenance work on the basis of fixed prices.	REPAIR CONTRACTS Extended warranty contracts which offer security against repair costs (except wear). Tariffs with or without excess available as an option.
MACHINE TYPE	All	All
REGULAR MAINTENANCE*	YES	YES
REPAIR COST	NO	YES
DEDUCTIBLE	NO	Option: €0, €190, €490

*the list price stated by AGCO refers solely to the extended warranty and doesn't include maintenance.

MASSEY FERGUSON OFFERS A COMPREHENSIVE AND EFFICIENT RANGE OF SERVICES

 6,000 hrs 5 years	 3,000 hrs 5 years	 50,000 bales 5 years	 6,000 hrs 5 years	 2,000 hrs 3 years ISOBUS compatible machines only	 25,000 bales 3 years
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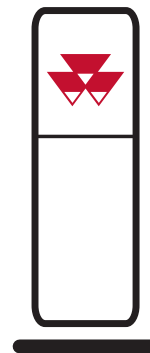
MFservices

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

WELCOME TO MF SERVICES – EVERYTHING YOU NEED TO SUPPORT THE OPERATION OF YOUR MF BETA AL4 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.

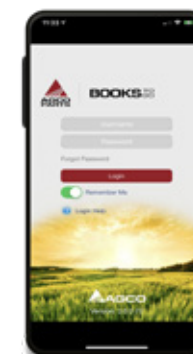


MASSEY FERGUSON GENUINE PARTS

REPRESENTS THE BEST GUARANTEE OF SAFEGUARDING THE VALUE OF YOUR NEW MF BETA AL4 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

NOW YOU CAN LOOK AS STYLISH AS YOUR MASSEY FERGUSON.

Looking for a cap to match your MF Beta AL4... or a stylish and durable overall to keep working?



AGCO'S HARVEST PROMISE

OUR CONFIDENCE IN SECURING YOUR HARVEST

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.

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

To find out what we have available please login into our online Shop:

Shop.MasseyFerguson.Com

SPECIFICATIONS
AS STANDARD



8,420 - 9,130 mm



3,950 mm

	MF 7360 AL4
Engine	AGCO Power 7.4 L
Max power (hp/kW) with power boost	306/225*
Transmission	
Hydrostatic transmission	130 CC
Gear box	4 ratio
4WD device	Dual displacement
Main brakes	Disc type on final drive side
Table and main crop elevator	
Cutting widths available on FreeFlow (m)	5.40 to 7.00
Cutting widths available on PowerFlow (m)	5.50 to 6.80
Table and elevator reverser	●
Automatic reel speed	●
TerraControl II Automatic Cutting height control	●
TerraControl II Autolevel table and Field pressure	●
Power Feed roller	●
Hi-inertia cylinder	
8 + 8 ballast bars	●
Width / diameter (mm)	1340 / 600
Speed range (rev/min)	380 to 1100
Concave	
ABC concave (degrees)	14
No. of bars	12
Wrap angle (degrees)	106
Area (m²)	0.83
Multicrop Separator	
Width / diameter (mm)	1340 / 600
Separator concave	
No. of bars	8
Area (m²)	0.9
Rotating concave system	●
Straw walkers	
No. / No. of steps	5 / 4
Separation area (m²)	7.62
Shaker shoe	
Grain pan with high dividers	●
Top and bottom electrically adjustable sieves	●
Total area (m²)	4.67
Full width volumetric blade type fan	●
Fan speed (rev/min)	350 to 1050
Returns to cylinder with monitoring	●
Fan speed adjustment, electrical, in cab	●
Grain tank	
Capacity (litres)	8600
Unloading rate (l/sec)	105
Auger length (m)	5
Unloading height (m)	4.7

- 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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MASSEY FERGUSON

BORN TO **FARM**