



**Ring Power Corporation**  
500 World Commerce Parkway  
St. Augustine, FL 32092

Prepared For:  
Florida Sheriff's Association

8/11/2020

**Item #410: (1) NEW MASSEY FERGUSON MF5712 BOOM MOWER**

**CONTRACT DETAILS**

Florida Sheriff's Association  
Bid # FSA20-EQU18.0  
Item #410: Group: TRACTOR: Agricultural Tractor With Boom Mower 4x4  
Contract Dates: October 1, 2020 through September 30, 2023

**BID SPECIFICATION:**

ENGINE: Liquid cooled diesel with minimum of 95 PTO hp @ 2200 rpm. TRANSMISSION: Synchroshuttle type with a minimum of 16 forward and 16 reverse speeds; 4WD front axle. FUEL TANK: Minimum 38-gallon capacity. BRAKES: Oil cooled hydraulic. POWER TAKE OFF: Speeds RPM - 540/1000. HYDRAULIC SYSTEM: Closed center system with standard remotes; Maximum pressure psi - 2,900; Standard output @ remote 17 GPM; Total of 29 GPM combined flow. POINT HITCH: Category II; Telescopic stabilizers; SAE lift capacity @ 24" standard lbs. - 5,000; Lower draft arm link ends – extendable. TIRES: Not less than 13.6R24 R1 rear radials; Not less than 18.4R30 6-Ply F2. MOUNTED BOOM MOWER: Minimum 23' boom reach; Forward and reverse swing break away; Integral frame; Separate hydraulic circuit for mower head; 5' rotary cutter head; Disc or bar type blade holder.

**BASE MACHINE**

7292256	MASSEY 5712S CLASSIC TRACTOR 95 PTO HP
Base	DYNA-4 TRANSMISSION WITH 16F/16R gears 25 MPH
7292195	29 GPM (110 L/min) CLOSED CENTER LOAD SENSING
7292861B2	REAR: 18.4R30 R1W
7293760B2	FRONT: 13.6R24 R1W
DBM-C-H	DIAMOND 23' STD REAR CRADLE BOOM
DBR060-H	60" ROTARY MOWER

Ring Power Corporation



**MASSEY FERGUSON**

**5700S Series**

**FROM MASSEY FERGUSON**

A world of experience. Working with you.



# MF 5700S – BODYSKAN YOUR GO-ANYWHERE, DO-ANYTHING TRACTOR

**ULTIMATE COMFORT** - Cab and front axle suspension improve driving comfort and decrease operator fatigue.

**LOW COST OF OPERATION** - High-efficiency AGCO Power™ SCR “all in one,” four-cylinder, 4.4 liter Tier 4 Final engines offer more power, torque and lower fuel and DEF consumption. No Diesel Particulate Filter means no down time and no DPF service cost over the life of the tractor.

**LOW REPAIR AND MAINTENANCE COST** - The MF 5700S has a number of maintenance-free components including the Tier 4 Final engine’s after-treatment system.

**EFFICIENT DRIVELINES BRING HIGHER PRODUCTIVITY** - The proven Dyna-4™ transmissions of 16 speeds with optional AutoDrive™ for automatic shifting help to achieve the desired ground speed for any application.



**STRAIGHTFORWARD FUSE TECHNOLOGIES** - New optional Fieldstar® 5 terminal provides the latest user friendly precision farming technology solutions.

- 9” touch screen terminal created to provide a more intuitive and precise farming experience.
- New MF Guide solutions provides more productivity with better accuracy.
- AgControl® rate and section control allows you to adjust the application rate on the go, while automatically minimizing overlap, skips and wasted product.
- TaskDoc® creates and securely sends detailed records of jobs between field and office wirelessly.
- AGCO Connect™ telemetry for fleet performance and usage management.

**WORK WITH THE MOST DEMANDING IMPLEMENTS** - With up to four spool valves to the rear and two to the front, and the optional 26 gpm open center system or 29 gpm closed center system, the 5700S is compatible with the most demanding implements.

**360° NIGHT VISIBILITY** - Optional LED lights provide outstanding visibility during night operation (up to 12 working lights).

**THE ULTIMATE LOADER TRACTOR** - The slim dashboard; high visibility steep nose hood, left-hand Power Control lever to change direction, shift speeds and select neutral; and the multi function joystick to operate the loader, change direction and change speeds are just a few reasons the 5700S series carries the reputation of the ultimate loader tractor.



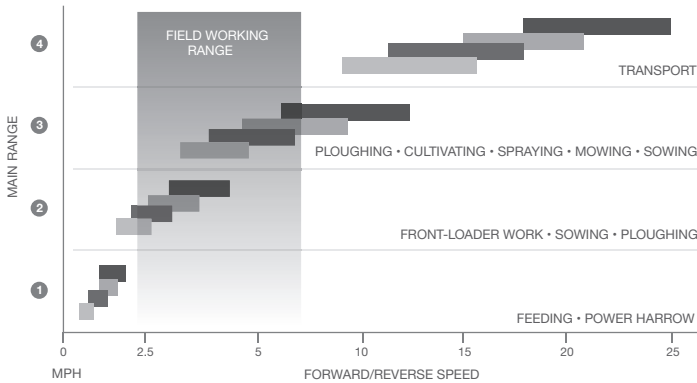
# Dyna4 EFFICIENCY AT YOUR FINGERTIPS



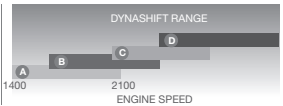
The impressive performance and deluxe design of the Dyna-4 transmission provides unbeatable productivity, control and convenience, with completely clutchless shifting of 16 forward and 16 reverse speeds.

All MF 5700S Series models are equipped with a Dyna-4 transmission – developed especially to handle the power of your MF 5700 S Series tractors. These transmissions are packed with advanced features and automatic functions, yet are reassuringly easy to operate.

Dyna-4 provides class-leading, simple and convenient control using either left-hand Power Control lever, T-Lever or Joystick control. There's also a choice of loader joysticks that also change direction and shift speed.



The maximum 25 mph top speed improves efficiency on the road.



## DYNA-4 BENEFITS:

- Exceptional performance in the yard, field or on the road – 16 forward and 16 reverse speeds on one lever, all shifted without using the clutch. Speedmatching selects the best Dynashift™ ratio when shifting range
- Ultimate ease of use with left-hand Power Control lever, T-Lever or optional Joystick control
- Convenient loader operation, with Comfort Control™ to set smooth or rapid shuttling
- Brake pedal can be set to put transmission in neutral, for single pedal operation in loader work
- Select Pedal or Lever mode for optimum comfort and productivity

Highlights



### SIMPLE, MULTI-FUNCTION LEFT-HAND CONTROL

The exclusive Power Control lever provides convenient three-in-one, straightforward operation. Operators can shuttle between forward/reverse, shift Dynashift speeds and ranges and select neutral, leaving the right hand free to operate the loader or implement hydraulics.



### RIGHT-HAND T-HANDLE

Simply move the T-shaped transmission control lever forward or backwards to change up or down through the four or six Dynashift ratios. To change range, simply press the range selection button as you move the lever. Should you need more controls, you can also equip your MF 5700S with the optional advanced Multipad Joystick.



### AUTODRIVE

Autodrive takes care of up- and downshifting to maximize versatility and output. Response point is adjustable according to desired engine rpm parameters.



### SUPERCRAWL

Close control in specialized low-speed tasks is assured with additional supercrawl gears, enabling forward speeds as low as .06 mph to be achieved.



### COMFORT CONTROL

Smooth or quick shuttling – you choose by simply adjusting the Comfort Control that suits the job – slow and smooth or fast and aggressive.



always the right choice

## ALL DYNA TRANSMISSIONS BENEFIT FROM:

- Exclusive and straightforward left-hand Power Control lever
- Pedal-free operation, which reduces operator fatigue
- Plenty of gears in the important 4-10 mph working range, with good overlaps
- Autodrive takes care of up- and downshifting to maximise versatility and output.
- Response point is adjustable according to desired engine rpm parameters
- Brake to neutral feature disconnects drive when the brake pedal is pressed
- Shuttle responsiveness can be adjusted according to speed of change required
- Progressive adjustment for Dynashift ratios
- Up to two cruise control speeds (depending on version)
- Possibility to set up different forward and reverse starting speeds

Transmission	Dyna-4	
	Classic	Deluxe
MF 5711S	●	●
MF 5712S	●	●
MF 5713S	●	●



# CLASSIC

## The new standard for straightforward operation

Classic is the base specification for the MF 5700 S Series, but it is anything but basic. It provides all the key elements you would expect from Massey Ferguson, with a blend of simplicity, ease of use and versatility to fit needs that require power and performance without excess sophistication.



### THE CLASSIC CAB CONTROLS

Available for all MF 5700S Series tractors and intuitively placed to ensure ultimate productivity at all times, the Classic Cab console holds all the frequently used controls. Each instrument is clearly defined and laid out, providing quick and easy access to them. The pillar houses the less-used switches and also working lights and ignition key.

- Up to four lockable spool valves can be specified as an option
- Transmission control lever for effortless speed and range changes
- Hand throttle
- Electronic linkage control
- Linkage depth control



### STANDARD CLASSIC FEATURES:

- Control Center with T-handle transmission lever
- Dyna-4 - 16x16 speed 25 mph
- Brake to neutral to place the transmission into neutral when you brake
- Mechanical control of spool valves

### CLASSIC SPECIFICATION OPTIONS:

- Mechanical cab suspension
- Mechanical multi-function loader joystick
- Massey Ferguson Guide ready
- Pivoting front fenders
- Visio roof
- LED lights

### THE CLASSIC CAB CONTROLS WITH LOADER ELECTRONIC JOYSTICK

An armrest mounted electronic joystick is available for Classic tractors specified with the 26 gpm combined flow system and specified as loader ready from the factory. This not only provides smooth and precise loader operation, but also has buttons to control the transmission, loader, rear spool valves or front linkage.

### THE CLASSIC CAB CONTROLS WITH LOADER JOYSTICK

A unique Massey Ferguson mechanical joystick, for tractors equipped with Open Center hydraulics, not only controls the loader functions, but also changes direction as well as includes buttons to increase or decrease transmission ratios, and shuttle between forward/reverse.





# DELUXE

## Advanced equipment to boost work accuracy

### STANDARD DELUXE FEATURES:

- Mechanical cab suspension
- Multifunction armrest with T-Lever
- Dyna-4 transmission with AutoDrive
- Air-suspended seat
- Electrical and mechanical controls of spool valves

### DELUXE SPECIFICATION OPTIONS:

- Integrated front linkage
- Multi-function loader joystick with transmission control
- Multipad lever
- C1000 console to manage all tractor functions and video input
- New Fieldstar 5 terminal for full precision farming package including Massey Ferguson Guide and ISOBUS capabilities



### THE DELUXE CAB CONTROLS

Dedicated to delivering increased productivity thanks to key features, the Deluxe package will enable the operator to work faster, to a higher standard and with more accuracy. The Deluxe specification is available in all MF 5700 S Series tractors.





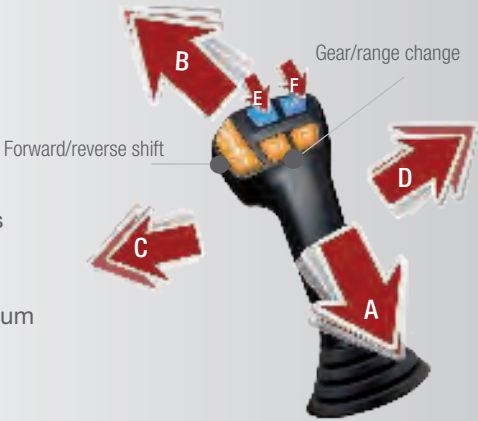
# UNPARALLELED LOADER FEATURES

A host of dedicated design features make the MF 5700 S Series the best-in-class loader tractors – bar none. Equipped with the exclusively designed MF FL Series loader range, the MF 5700 S Series offers the ultimate in loader application efficiency.

### ALL UNDER CONTROL

All MF 5700 S Series tractors come with a choice of three different multi-function joysticks that allow operators to control the loader, hydraulics and transmission at the same time, without taking your hand off the steering wheel for optimum accuracy and safety at work.

- Mechanical multi-function joystick
- Electronic – Classic – Armrest mounted
- Electronic – Deluxe – Integrated into armrest



### LOADER OPERATION

Joystick main functions:

- A. Lift
- B. Lower
- C. Fill
- D. Dump

Combined functions:

- A/C. Lift and fill
- A/D. Lift and dump
- B/C. Lower and fill
- B/D. Lower and dump
- A/C/E. Lift and close grab
- A/D/F. Lift and open grab

### TOTAL CONTROL – “CLUTCH EFFECT”

Placing the transmission into neutral can be linked to the brake pedal. This means that with only one foot, the operator can brake and de-clutch at the same time, giving total control of the machine. This makes loader operation easier, more comfortable and safer all around.



### VISIO™ ROOF

The optional Visio roof provides perfect visibility when stacking bales or loading trailers. The Visio roof has a sun blind that can be pulled shut when the loader is not in use. The glass panel also has a level of sun protection allowing the operator to keep working in all conditions.



### MF 5700 S SERIES: ULTIMATE LOADER FEATURES

- Excellent visibility over slim dashboard and narrow steep-nose hood
- High maneuverability, agile design
- A choice of three hydraulic systems provide exceptional pressure, flow and response
- A choice of joysticks operate the loader, as well as change direction and change speeds
- “Clutch-Effect” – braking systems puts the transmission into neutral when the brake pedals are depressed, allowing single-foot brake and clutch operation and making loader operation safer, easier and more comfortable
- “Comfort-Control” – adjustable shuttle sensitivity – from slow and smooth to fast and aggressive

### MF FL SERIES: THE ULTIMATE LOADER

- Designed for fitting MF 5700 S Series tractors
- Clean beam design offers unrivaled visibility
- Enclosed pipework reduces the risk of damage
- “Lock & Go” – semi-automatic connection and removal system simplifies mounting
- Fast coupling of all hoses
- Soft Drive absorbs shocks and protects operators and the machine from shock loads





# HYDRAULIC POWER FOR THE MOST DEMANDING TASKS

Modern implements are placing more and more demands upon the tractors used to power them, with tractors asked to perform faster and sharper. The MF 5700 S comes with immense capabilities, easily handling heavy-duty applications with outstanding lift and drive capacities for the very latest implements.



## HEAVY-DUTY REAR LINKAGES

The rear linkage has been optimized specifically to complement this size of tractor. It boasts an impressive lift capacity of up to 11,464 lbs., meaning that heavy mounted equipment can be lifted with ease. Fully adjustable lower links and heavy-duty stabilizers provide adjustment for the correct attachment and setting of a wide range of mounted and semi-mounted implements. A total of up to four spool valves are available for more complex equipment.

## AUXILIARY SPOOL VALVES

- A large choice of spool valves and control options help you get the most out of modern implements, while easing operation
- Up to four spool valves, to meet all your requirements
- Classic: Straightforward mechanical control of the spool valves
- Deluxe: Armrest mounted fingertips control (first and second spool valves) associated with mechanical controls (third and fourth spool valve)
- Optional on Deluxe: Armrest mounted electronic joystick offering more comfort and precision

- Rear lift capacity up to 11,464 lbs.
- Optional Integrated front linkage with 5,511 lbs. lift capacity
- A wide choice of commands for precision and comfort when operating your implements.
- Adjustable hydraulic flows on electro-hydraulic spool valves.
- Mechanical controls: Simplicity and precision
- Electro-hydraulic spool valves: Superior operation comfort and precise flow adjustment.



## HEAVY-DUTY INTEGRATED FRONT LINKAGE SYSTEM (IFLS)

Available as an option and designed to match the front suspension option, this compact integrated front linkage allows you to take full advantage of the power of the MF 5700 S Series, to boost productivity with front and rear implement combinations. The close coupled front linkage is an integral part of the design, maintaining the tractor's compact dimensions, which aids stability and maneuverability

- Electrical plug
- One set of hydraulic couplers (standard)
- Front PTO option
- Improved ground clearance enables the tractor to be used in difficult and tough terrain

Model	Transmission	Open Center System		Closed Center System
		15 gpm	26 gpm	29 gpm
MF 5700S Classic	Dyna-4	●	○	○
MF 5700S Deluxe	Dyna-4	-	●	○

- Not available    ● Standard specification    ○ Optional



## FUNCTIONS INCLUDE:

**Position/Intermix/Draft control** For precise operation with all types of implements

**Rate of linkage lowering control** For optimum performance and safety, including lock

**Maximum lift height control** Adjust the lift height accurately and protect PTO drive shafts, safeguard both tractor and implement and reduce cycle times during headland turns

**Lift/Lower/Height/Depth control** Allows for precise adjustment and ensures accurate control

**Active Transport Control (ATC)** Provides shock dampening for the rear linkage and protects the tractor during transport of heavy implements for improved driver comfort

- **Standard Open Center 15 gpm unit** 15 gpm of oil is available for linkage and external hydraulic functions. Plenty of flow and pressure to cater for lifting heavy equipment or powering auxiliary accessories.

- **Optional Open Center Combined Flow 26 gpm** is achieved in great simplicity thanks to a dual pump Open Center system benefiting from a fully automated activation. The result is superior efficiency and power for loader application.

- **Optional Closed-Center system** High-flow 29 gpm system is available for faster hydraulic response. This uses a variable displacement swash plate pump in addition to the load-sensing system. High flow at low engine speeds maintains high output with economy, as the variable flow pump only supplies oil on demand, while the full output of the large capacity pump is only used when required for faster hydraulic response.



# OUTSTANDING OPERATION AND PERFORMANCE

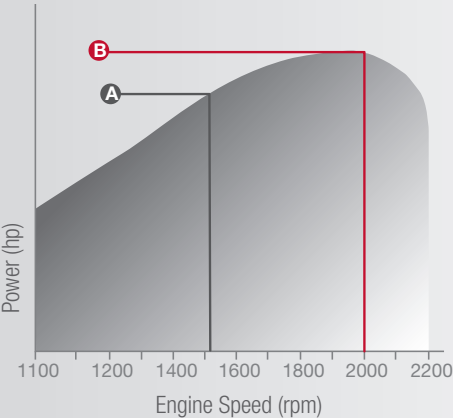
## Power Take-Off

Whether you are a contractor or running a dairy, mixed farming enterprise or family farm, the MF 5700S Series is designed to meet your everyday needs. Designed to handle the requirements of modern farm machinery and deliver the workrates you need, the MF 5700S Series offers a wide range of specifications to excel in every operation. A range of PTO options and equipment offer fast, precise control whether the tractor is used for handling work or out in the field mowing, baling, ploughing, cultivating, spraying or drilling.

### EFFICIENCY PTO

The PTO stems from a simple driveline giving maximum power transmission. PTO speed selection is electro-hydraulic. Rocker switches are conveniently placed in the console.

A. 540 Eco PTO speed @ 1,560 rpm  
B. 540/1000 PTO speed @ 1,960 rpm



The alignment of the available PTO speeds to engine speed has been designed to ensure optimum utilisation of the AGCO Power™ engine power and torque characteristics, whilst minimizing fuel usage for maximum productivity and efficiency.



### PTO ENGAGEMENT

PTO engagement remains electro-hydraulic using the same three-position switch (On, Off and Lock/Brake). Standard external fender mounted switches are available for PTO engagement and disengagement.

- Independent 540/540 Economy RPM as standard
- 540/ 540 Economy/1000 RPM ‘economy’ offers standard and ECO PTO speed at 1560 engine revs to save fuel and cut production costs
- Electro-hydraulic selection switches give optimum convenience to the operator
- PTO STOP/START button on the rear fender allows the operator to use attached machinery from the exterior of the tractor cab
- Automatic PTO will engage and disengage when the rear linkage is raised and lowered
- Optional front PTO available



Operator control comes from the switch mounted on the right-hand console



Electro-hydraulic PTO speed selection

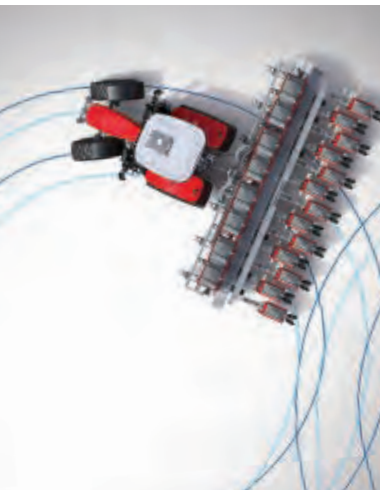
## C1000

## Keeping you informed and in control

Available as an option on Deluxe models, the C1000 console puts information at your fingertips to allow you to quickly make the best decisions to run your business efficiently.



**1**  
**FULL TRACTOR FUNCTIONS MANAGEMENT** and optimization features such as transmission, engine and hydraulics. Moreover there is the remarkable Dual Control system providing excellent control of semi-mounted ploughs by automating the furrow entry and exit. At the same time the system adjusts the plough's depth wheel in relation to the rear linkage. The same system is also used to control implements on the front linkage, automating depth settings and the entire operation, in synchronization with the rear linkage.



**3**  
**HEADLAND MANAGEMENT SETTINGS** – The C1000 comes standard with the most intuitive, straightforward and easy to use automatic headland management system available in the market today and developed exclusively by Massey Ferguson. It is designed to save you significant time at headlands, allowing you to concentrate on the operation at hand so that you can maximise outputs with ease.



**2**  
**VIDEO MODE** – Pictures from an on-board camera can be displayed on the console screen, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.



**4**  
**MEMORIZE DATA AND SETTINGS** – Up to eight different memories enable the system to record information during operation on area worked, fuel use, hours worked and much more. All the settings and parameters can be stored by the terminal: A truly unique feature of C1000 is the ability to save the memorized tractor settings to a USB memory stick and manage those settings before commencing work. All these settings can be transferred between all your machines equipped with C1000.



# THE NEW TOUCH OF PRECISION FARMING

Powered by Fuse™ Technologies



1  
MF Guide™ is Massey Ferguson’s full featured, hands free steering system, available on new tractors or as an aftermarket installation for guidance ready tractors. Delivering sub-meter, decimeter and centimeter accuracy, increasing the efficiency of your farming operations saving time and money. Available with either a Trimble or Novatel receiver.



2  
**Video Mode** – Pictures from an on-board camera can be displayed on the Fieldstar 5, allowing operators to monitor complex implements or simply improve safety and efficiency when reversing.



3  
AgControl™ is the new Precision Farming rate and section control solution from Massey Ferguson providing rate and section functionality, with configurations to control up to 36 sections and five products.

## Fieldstar 5

Fieldstar 5 features a larger 9 inch touch screen, easy-to-use and intuitive arrangement, similar to the latest generation’s smartphones or tablets. The display provides increased features and functionality that simplify work in the field. Fieldstar 5 provides a gateway into the evolution of precision farming technologies.



4  
ISOBUS for total implement control – allows an implement manufacturer’s control system to be displayed on the terminal screen, saving owners and operators time and money, with no need to install additional monitors in the cab. Simply plug the implement lead into the tractor’s ISOBUS socket and the system automatically uploads the operating menus and displays on the screen. MF 5700 S ISOBUS conforms to the AEF (Agricultural Industry Electronic Foundation) certification.



5  
ISOBUS MultiPad switch assignment – ISOBUS implements can be controlled directly using the MultiPad lever. Having all controls (tractor and implement) on the same lever is a lot more convenient than using additional displays and levers. This versatile system allows several implements to be stored to operate via MultiPad, so it can work with all ISOBUS implements currently in the farm fleet.



6  
With TaskDoc all jobs’ data can be recorded with minimum effort, documented in the field record and then analyzed, as applied and prescription data can be transmitted wirelessly or via USB.



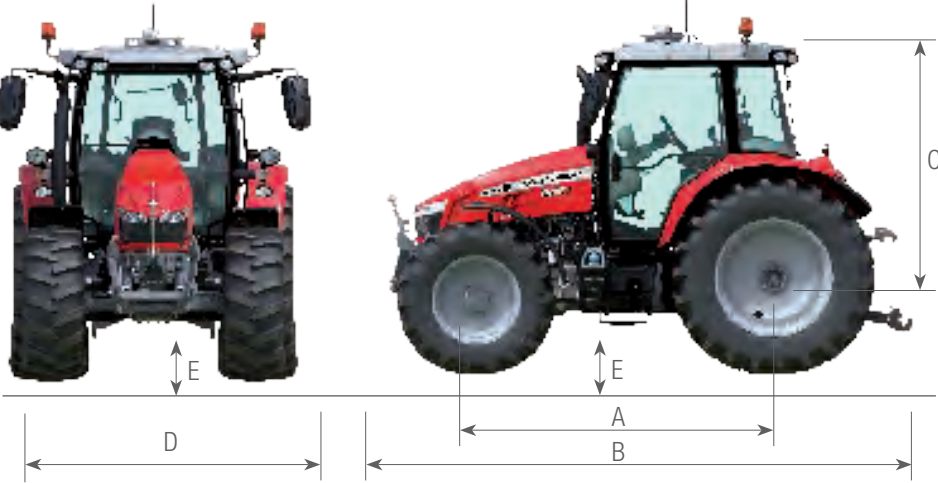
SPECIFICATIONS AS STANDARD

	Engine	MF 5711S	MF 5712S	MF 5713S
	Engine type		AGCO Power	
	No. of cylinders/No. of valves/Capacity	No./No./L	04/04/4.4	
	Aspiration		Turbo and intercooler	
	Injection type		Common rail	
	Fan type		Electronic	
	Max. hp	110	120	130
	Engine rpm at maximum hp		2000	
	Max. torque @ 1500 rpm	468	502	545
	Fuel tank capacity		47.6	
	DEF tank capacity		6.6	
	Transmission			
	Transmission		Dyna-4 Semi Powershift	
	Number of gears		16 x 16	
	Min. speed @ 1400 rpm		0.8	
	No. of speeds with supercreeper		32 x 32	
	Min. speed @ 1400 rpm* with supercreeper		0.06	
	Rear Linkage and Hydraulics			
	Controls		Height/depth, MF draft control, intermix, max. height, lowering rate, shock absorber	
	Lower links type	Cat 2/3	Cat 2/3	Cat 2/3
	Max. lift capacity, at link end		11,464	
	Max. oil flow - Open Center services pump		8.5 gpm supplying steering, brakes, diff lock, PTO, 4WD	
	Max. oil flow - Standard Open Center		15.3 gpm supplying spool valve and linkage	
	Max. oil flow - Optional Open Center		15.3 gpm supplying rear linkage + 11.1 gpm supplying spool valve	
	Combined flow control		The two pumps can be combined to supply 26.4 gpm to spool valves (e.g., loader)	
	Max. Oil Flow - Optional Closed Center		Load Sensing system 29 gpm	
	Max. pressure		2900.75	
	Standard spool valves		2	
	Maximum no. of rear spoolvalves		4	
	Power Take-off (Rear)			
	Operation / control		Independent / Electro hydraulic	
	Standard PTO speeds		540 / 1000	
	Optional PTO speeds		540/540 Eco / 1000	
	Engine speed at			
	540/1000		1920/1960	
	540 Eco		1560	
	PTO shaft			
	Standard		6 splines	
	Optional		6 & 21 splines	
	Front Linkage			
	Max. lift capacity		5,512	

	MF 5711S	MF 5712S	MF 5713S
Brakes			
Type		Electro-hydraulic / Oil cooled	
Differential lock			
Type		Hydralock rear axle and front axle	
Weights			
(May vary depending on configuration. Please consult your dealer)			
Weight	lbs	10,582	
Maximum gross vehicle weight	lbs	18,739	

4 Wheel Drive	
A – Wheelbase - in.	100.4
B – Overall length from front weight frame to rear linkage arms - in.	171.6
B – Overall length from front weights to rear linkage arms - in.	187.8
B – Overall length from front linkage (transport position) to rear linkage arms - in.	176.7
C – Height from rear axle to top of cab with standard roof	
Standard, flat floor cab - in.	79.8
C – Height from rear axle to top of cab with Visio roof	
Standard, flat floor cab - in.	81.8
D – Width, width (min / max) - in.	79.5 / 92.9
E – Ground clearance (with 420/85 R 38 tires) - in.	15.9

Dimensions





**TWO-YEAR/2,000-HOUR FULL WARRANTY**

We've been making tractors for a long time, and we believe in what we make. That's why we offer a two-year powertrain warranty. Some restrictions may apply. Please see dealer for full details.

**TOTAL SUPPORT — ALWAYS AVAILABLE**

The Massey Ferguson distributor and dealer network comes with the support and service you need to keep working — whenever and wherever you need it.

**LOW-RATE, FLEXIBLE FINANCING**

With competitive rates and easy terms, your Massey Ferguson dealer and AGCO Finance offer great ways to buy, lease or rent your new machine.

**QUALITY PARTS**

Genuine Massey Ferguson replacement parts are made to the same high standards as those used on the assembly line, so you can always keep your Massey Ferguson tractor running like new.

**SHOW YOUR MASSEY FERGUSON PRIDE**

Choose from collectibles, toys, work and leisure wear, accessories and more. Visit [shopagco.com](http://shopagco.com) today.

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At AGCO, customer care isn't just a department, it's a commitment. We'll do our best to answer any questions promptly, or put you in touch with someone who can. Call (877) 525-4384 or email [agcoanswers@agcocorp.com](mailto:agcoanswers@agcocorp.com).



For more than 25 years, in more than 140 countries worldwide, AGCO has been on a mission to become the single resource farmers can depend on for innovative, leading-edge thinking, equipment and technology. And, today, you know AGCO brands, even if you don't know the AGCO name. While AGCO equipment may not all share the same logo or same color, they all have one thing in common — the ability to help farmers be as productive and profitable as they can possibly be, regardless of the tasks at hand. [agcocorp.com](http://agcocorp.com)

**MASSEY FERGUSON****FENDT***Challenger***GLEANER®**

We proudly support:



# AGCO LIMITED WARRANTY TERMS AND CONDITIONS - UNITED STATES, CANADA, AND MEXICO

## EFFECTIVE FOR EQUIPMENT RETAILED AND DELIVERED AFTER JANUARY 1, 2020

**WHAT IS WARRANTED** AGCO Corporation warrants its new equipment to be free of defects in material and workmanship at time of delivery to the first retail purchaser, renter, or lessee. These terms apply to all brands of new equipment originally marketed in the United States, Canada and to Challenger® branded equipment only originally marketed in Mexico.

<b>APPLICATION</b>	ALL EQUIPMENT, EXCEPT FOR NEW LEADER	TWELVE (12) MONTHS	-
	MAJOR DRIVETRAIN COMPONENTS <sup>1</sup>	ADDITIONAL TWELVE (12) MONTHS OR TOTAL MACHINE USAGE OF TWO THOUSAND (2000) HOURS, WHICHEVER COMES FIRST	1
	NEW LEADER SPINNER SPREADER	TWENTY-FOUR (24) MONTHS	-
	#3 PINTLE CHAIN CONVEYOR	THIRTY-SIX (36) MONTHS	-
<b>TRACTORS</b>	ALL TRACK TRACTORS <sup>3,14</sup> , AGRICULTURAL WHEELED TRACTORS <sup>2</sup> , EXCEPT FENDT®	TWENTY-FOUR (24) MONTHS OR TWO THOUSAND (2000) HOURS WHICHEVER COMES FIRST	2, 3, 14
	1500, 1600, 4600M, 4700 AND STA SERIES POWERTRAIN <sup>4</sup> , EXCEPT 1526 AND ZT TRACTORS	TWENTY-FOUR (24) MONTHS OR TWO THOUSAND (2000) HOURS WHICHEVER COMES FIRST	4
	1526, 1700, 1700E, GC1700, 2600H AND 2700E SERIES	TWENTY-FOUR (24) MONTHS OR TWO THOUSAND (2000) HOURS WHICHEVER COMES FIRST	13
	ALL FENDT® TRACTORS <sup>2</sup>	THIRTY-SIX (36) MONTHS OR THREE THOUSAND (3000) HOURS WHICHEVER COMES FIRST	2
	ARTICULATED AGRICULTURAL TRACTORS (MT900) AND ARTICULATED SCRAPER TRACTORS (MTS900)	TWENTY-FOUR (24) MONTHS OR TWO THOUSAND (2000) HOURS WHICHEVER COMES FIRST	-
	ALL AGRICULTURAL TRACTORS IN A NON-AG APPLICATION <sup>2</sup>	TWELVE (12) MONTHS OR ONE THOUSAND (1000) HOURS	2
<b>IMPLEMENTS</b>	ALL LOADERS, IMPLEMENTS <sup>5</sup> , ATTACHMENTS, 3 POINT MOUNTED ROTARY CUTTERS <sup>6</sup> , MOWER DECKS, FINISHING MOWERS <sup>7</sup>	TWELVE (12) MONTHS	5, 6, 7
	ALL SUNFLOWER TILLAGE TOOLS, ATTACHMENTS, DUMPWAGONS, DRILLS	TWELVE (12) MONTHS PARTS AND LABOR INCLUDING HIGH WEAR ITEMS <sup>8</sup>	8
	SUNFLOWER TILLAGE TOOLS	ADDITIONAL TWENTY-FOUR (24) MONTHS PARTS ONLY	-
	PLANTERS <sup>9</sup> , SPREADERS <sup>10</sup> , TENDERS	TWELVE (12) MONTHS	9, 10
<b>HAY EQUIPMENT</b>	ALL HAY EQUIPMENT, SELF-PROPELLED WINDROWERS, AUGER, ROTARY <sup>15</sup> , DRAPER HEADERS, EXCEPT ROUND BALERS	TWELVE (12) MONTHS	15
	ROUND BALERS	TWENTY-FOUR (24) MONTHS	-
<b>HARVEST</b>	COMBINES, CORNHEAD, DRAPER, FLEX, PICKUP, RIGID	TWENTY-FOUR (24) MONTHS	-
	FENDT COMBINES	THIRTY-SIX (36) MONTHS OR TWELVE HUNDRED (1200) ENGINE HOURS WHICHEVER COMES FIRST	16
<b>ENGINE WARRANTY</b>	ALL ENGINES <sup>11</sup> EXCEPT CATERPILLAR AND CUMMINS ENGINES	TWENTY-FOUR (24) MONTHS OR TWO THOUSAND (2000) HOURS WHICHEVER COMES FIRST	11
	CATERPILLAR AND CUMMINS ENGINES	COVERAGE PROVIDED BY MANUFACTURER	-
	FUEL INJECTION EQUIPMENT, STARTERS, TURBO CHARGER	COVERAGE PROVIDED BY MANUFACTURER EXCEPT WHEN AGCO WARRANTY EXCEEDS MANUFACTURER WARRANTY	-
<b>SERVICE PARTS</b>	NEW OR REMAN GENUINE AGCO PARTS <sup>12</sup>	TWELVE (12) MONTHS OR REMAINDER OF MACHINE WARRANTY, WHICHEVER IS LONGER	12

### FOOTNOTES

1	Application equipment, major drive train components, is warranted for two (2) years or two-thousand (2000) hours, whichever comes first. This warranty shall include transmission, drive axle, wheel motor, hydrostatic pump, differential, chain cases, and front wheel assist hydraulic pump. Allison transmissions are warranted by the manufacturer.
2	MTS800 Series (Special Application) version and all agricultural tractors being used in a non-agricultural application, such as but not limited to a towed scraper with construction style hitch, receive twelve (12) months or one thousand (1000) hours, whichever comes first.
3	MT700 and MT800 series track tractors carry a rubber track warranty for a period of twenty-four (24) months for scraper version and non-agricultural applications and forty-eight (48) months for agricultural application. This is a pro-rated warranty that covers defects in material and workmanship with allowance calculated as to the percent of grouser wear height at failure.
4	In addition to standard warranty, the company will repair or replace, at its option, without charge for parts or labor, during normal working hours, any defective engine, transmission, drive axle casting, and/or components enclosed within these castings for an additional (12) month period provided the tractor has not been used for more than 2000 hours, whichever comes first.
5	Warranty periods for 3 point mounted rotary cutters and finishing mowers sold for commercial use are limited to ninety (90) day from delivery date to the first retail purchaser, renter, or lessee, replacement cost only.
6	Gearbox warranty on rotary cutters extends for five (5) years pro-rated parts only.
7	Flex wing finishing mowers are warranted for thirty-six (36) months.
8	High wear items are disc blades, light kits, points, sweeps, standards and supports, coulter mounts, coulter hub assemblies, reels, NH3 knives, harrow teeth and tines, stubble treads, and wheel spokes.
9	For planters - structural components (backbones, rock shafts, and main frames) carry an additional twelve (12) months from original purchase.
10	To original purchaser only, 3700 Series spreaders - the galvanized sides shall not rust through for a period of ten (10) years from delivery date when such spreaders are subjected to normal operations. The FRP floor and end gate material of said spreaders are warranted to not rot through for a period of ten (10) years from delivery date. The gear box, conveyor chains, and conveyor bars shall remain useable for a period of two (2) years from delivery date.
11	Base engine arrangement components are only warranted if installed by AGCO and not the manufacturer.
12	Within 6 months from the date of initial sale of over-the-counter service parts, AGCO will pay reasonable, related replacement labor expenses only if both the original defective part and the replacement part are installed by an authorized AGCO dealer. Certain service parts that are supplied to AGCO by third party vendors may carry different warranty terms and conditions that are administered directly by the vendor. For details, see your Dealer.
13	In addition to standard warranty, the company will repair or replace, at its option, without charge for parts or labor, during normal working hours, any defective engine, transmission, drive axle casting, and/or components enclosed within these castings for an additional (36) month period provided the tractor has not been used for more than 2000 hours, whichever comes first.
14	For new MT700 and MT800 series track tractors retailed on or after 5/1/2014 the reaction arm E-bearing housing and Duo-cone seal group is warranted for an additional (36) month period provided the tractor has not been used for more than 5000 hours, whichever comes first.
15	Rotary Disc Heads include a parts only 3 year (36 months) "RazorGuard" cutterbar warranty covering: cutterbar module casting, idler bearing & idler gears, gear spindles & assembly, spindle bearings, and seals.
16	Fendt Combines model 7T, 8T, and 9T track combines carry a rubber track warranty for a period of thirty-six (36) months. This is a pro-rated warranty that covers defects in material and workmanship with allowance calculated as to the percent of grouser wear height at failure.

*NOTE: Implements or attachments sold as a package may carry a different warranty than the primary unit.*

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## AGCO LIMITED WARRANTY TERMS AND CONDITION CONTINUED

### EMISSIONS WARRANTY

Designated units have emissions warranty on specific components; refer to your Operators Manual for details.

### EQUIPMENT RENTAL / DEMONSTRATOR

Equipment used as rentals or demonstrators will receive a reduced warranty term based on accumulated hours at the time of retail.

### EXCEPTIONS FROM THIS WARRANTY

- **Audio Components** - The audio systems originally installed on your new equipment are warranted by their respective manufacturers and not by AGCO.
- **Alternators** - Alternators must be repaired by an authorized repair station, if repair can be obtained locally. When repair service cannot be obtained locally, components obtained from the AGCO Parts Division must be installed and warranty submitted to AGCO Warranty Department for reimbursement.
- **Freight Charges** - This warranty does not cover freight charges.
- **Improvements, Changes, or Discontinuance** - AGCO reserves the right to make changes and improvements in design or changes in specifications at any time to any product without incurring any obligations to owners of products previously sold.
- **Original Equipment Battery Warranty**
  - Model year 2011 and prior track tractors, scraper tractors, and articulated tractors: All warrantable battery failures are covered by and processed in compliance with Caterpillar battery warranty. The Caterpillar Dealer provides warranty service by pro-rata warranty adjustment based on the Caterpillar battery. AGCO does not provide warranty coverage for these batteries.
  - Model year 2012 and later track tractors, scraper tractors, articulated tractors and all other equipment: Notwithstanding any other provision hereof, equipment batteries are warranted by an authorized AGCO dealer for full replacement for the first three (3) months or as required by State and/or Provincial law, and on a fully pro-rated replacement cost basis from date of delivery but not to exceed twenty-four (24) months total.
- **Replacement Batteries**
  - Replacement batteries are warranted, through your authorized AGCO dealer for full replacement for the first three (3) months or as required by State and/or Provincial law, and on a fully pro-rated replacement cost basis from date of delivery but not to exceed twenty-four (24) months total.
- **Repairs and Maintenance Not Covered Under Warranty** - This warranty does not cover conditions resulting from misuse, natural calamities, use of non-AGCO parts, negligence, alteration, accident, use of unapproved attachments, usage which is contrary to the intended purposes, or conditions caused by failure to perform required maintenance. Replacement of Wear or Maintenance items (unless defective) such as but not limited to, filters, wiper blades, fuses, brake linings, clutch friction disc, coolants, hoses, belts, lubricants, refrigerant, light bulbs, window glass, injections nozzles, wheel alignment, brake and clutch adjustment, tightening of nuts, belts, bolts, and fittings, service tune-up, headlight alignment, computer parameter adjustments and general adjustments which may from time to time be required are not covered.
- **Rubber Tire Warranty** - Rubber tires are warranted directly by the respective manufacturer only and not by AGCO.
- **Rubber Track Warranty** - The warranty period is twenty-four (24) months for All Track Tractors, or forty-eight (48) months for exclusively used Agricultural Application Tractors starting from the date of delivery to the first user. This pro-rated track warranty covers defects in material and/or workmanship with allowance calculated as to the percent of grouser wear height at failure. Beyond the AGCO Base Warranty Period (24 months or 2000 hours, whichever comes first), labor and related charges to replace a track covered by this pro-rated warranty will remain the customer's responsibility.
- **Satellite Outages** - Interruptions in satellite interfaces and satellite communications are outside the control of this product and are not covered by this warranty. The company is not responsible for issues or degradation of system performance resulting from such interruptions in satellite interfaces and satellite communications where the issues are not related to defects in this product.

### OWNER'S OBLIGATION

It is the responsibility of the Owner to transport the equipment or parts to the service shop of an authorized AGCO Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover rental of replacement equipment during the repair period, damage to products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or special handling requirements (such as, but not limited to, the use of cranes).

### EXCLUSIVE EFFECT OF WARRANTY AND LIMITATION OF LIABILITY

THIS WARRANTY IS IN LIEU OF ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PURPOSE OR OTHER REPRESENTATIONS, WARRANTIES OR CONDITIONS, EXPRESSED OR IMPLIED. The remedies of the Owner set forth herein are exclusive. The Company neither assumes nor authorizes any person to assume for it any other obligation or liability in connection with the sale of covered machines. Correction of defects, in the manner and for applicable period of time provided above, shall constitute fulfillment of all responsibilities of AGCO to the Owner, and AGCO shall not be liable for negligence under contract or in any manner with respect to such machines. IN NO EVENT SHALL THE OWNER BE ENTITLED TO RECOVER FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES SUCH AS BUT NOT LIMITED TO, LOSS OF CROPS, LOSS OF PROFITS OR REVENUE, OTHER COMMERCIAL LOSSES, INCONVENIENCE OR COST OF RENTAL OR REPLACEMENT EQUIPMENT.

Some States or Provinces do not permit limitations or exclusions of implied warranties or incidental or consequential damages, so the limitations or exclusions in this warranty may not apply.

"AGCO" AS REFERRED TO HEREIN WITH RESPECT TO SALES IN:

CANADA:  
AGCO Canada, LTD.  
Box 4706, 515 Dewdney Avenue  
Regina, Saskatchewan S4P 3Y3

UNITED STATES:  
AGCO Corporation  
4205 River Green Parkway  
Duluth, Georgia 30096-2568

**New Equipment Warranty** - Equipment is eligible for warranty service only if it qualifies under the provisions of the New Equipment Warranty. The selling dealer will deliver the Warranty to the original retail purchaser at the time of sale, and the dealer will register the sale and Warranty with AGCO.

**Subsequent Owners** - This Warranty covers the first retail purchaser and all subsequent owners of the equipment during the specified warranty period. Should the AGCO Dealer sell this equipment to a subsequent owner, the Dealer must deliver the warranty document to the subsequent owner so the subsequent owner can register ownership with AGCO and obtain the remaining warranty benefits, if available, with no intermission in the Warranty Period. Subsequent Owner Procedure will apply. It is the responsibility of the subsequent owner to transport the equipment to the service shop of an authorized AGCO Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty. This Warranty does NOT cover charges for rental or replacement equipment during the repair period, products which have been declared a total loss and subsequently salvaged, overtime labor charges, freight charges for replacement parts, or units sold at auction.

**Warranty Service** - To be covered by Warranty, service must be performed by an authorized AGCO Dealer. It is recommended that you obtain warranty service from the Dealer who sold you the equipment because of that Dealer's continued interest in you as a valued customer. In the event this is not possible, warranty service may be performed by any other authorized AGCO Dealer in the United States, Canada, or Mexico. It is the responsibility of the Owner to transport the equipment to the service shop of an authorized AGCO Dealer or alternatively to reimburse the Dealer for any travel or transportation expense involved in fulfilling this warranty.

**Maintenance Service** - The Owner's Manual furnished to you with the equipment at the time of delivery contains important maintenance and service information. You must read the manual carefully and follow all the maintenance and service recommendations. Doing so will result in greater satisfaction with your equipment and help avoid service and warranty problems. Please remember that failures due to improper maintenance of your equipment are not covered by warranty.

**Maintenance Inspections** - To insure the continued best performance from your agricultural equipment, we recommend that you arrange to make your equipment available to your AGCO Dealer for a maintenance inspection 30 days prior to warranty expiration.

Extended Service Coverage is available for purchase. See your Dealer for details.

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