

FSA20-EQU18.0, ITEM# 410

TRACTOR: Agricultural Tractor With Boom Mower 4x4

MASSEY FERGUSON MF5712S w/Diamond Boom Mower SHERIFF'S CONTRACT WORKSHEET

## MF5712S BASE

CUSTOMER: FLORIDA SHERIFF'S ASSOCIATION

UNIT QUOTED: Massey

FSA20 -EQU18.0 ITEM# 410

MODEL: 5712S 23' Boom

FACTORY CODES:	7292256
FACTORY CODES:	Base
FACTORY CODES:	7295346
FACTORY CODES:	7295356
FACTORY CODES:	Base
FACTORY CODES:	Base
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FACTORY CODES:	Base
FACTORY CODES:	Base
FACTORY CODES:	7292195
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FACTORY CODES:	Base
FACTORY CODES:	7292861B2
FACTORY CODES:	7293760B2

### DIAMOND BOOM MOWER

FACTORY CODES:	DBM-C-H
FACTORY CODES:	DBR060-H
FACTORY CODES:	161

DESCRIPTION:	5712S Classic Tractor 95 PTO HP
DESCRIPTION:	Dyna-4 Transmission with 16F/16R gears 25 MHP
DESCRIPTION:	System Information Screen
DESCRIPTION:	Less Massey Ferguson Guide
DESCRIPTION:	Less SpeedSteer
DESCRIPTION:	Less Telemetry
DESCRIPTION:	540/1000RPM flanged PTO
DESCRIPTION:	Less Front Hitch
DESCRIPTION:	Category 2/3 Hitch with Telescopic Ball End Links
DESCRIPTION:	Less Loader Provisions
DESCRIPTION:	29 GPM Closed Center Load Sensing
DESCRIPTION:	2 Mechanical Controlled Valves
DESCRIPTION:	Less Additional Valve
DESCRIPTION:	Air Suspended Swivel Seat with Armrest
DESCRIPTION:	Standard Cab Roof
DESCRIPTION:	4 Single Bulb Front Worklights, 2 Double Bulb Rear Worklights
DESCRIPTION:	Less Pivoting Front Fenders
DESCRIPTION:	Standard Width Fenders (78 inch) LESS Rear Extensions
DESCRIPTION:	4 wd Power Front Axle
DESCRIPTION:	R: 18.4R30 R1W
DESCRIPTION:	F: 13.6R24 R1W
DESCRIPTION:	23' REAR CRADLE BOOM
DESCRIPTION:	60" ROTARY HEAD
DESCRIPTION:	FACTORY MOUNT



**MASSEY FERGUSON®**

# 5700S Classic

(F.O.B. PORT OF ENTRY)

## CLASSIC EDITION FEATURES

### ENGINE

MF5711S: 105 Rated Engine HP, 85 PTO HP, 110 Max Engine HP  
MF5712S: 115 Rated Engine HP, 95 PTO HP, 120 Max Engine HP  
MF5713S: 125 Rated Engine HP, 105 PTO HP, 130 Max Engine HP

AGCO POWER™ 4.4L (268 cu. in.) 4 Cylinder

- Air-to-Air Aftercooled, Common Rail Injection, Turbocharged
- Selective Catalytic Reduction (SCR) Technology
- Tier 4 Final EPA and CARB Certified

Electronic Engine Management (EEM) with Dual ERPM Settings

Electronic Controlled Viscous Fan Drive

Dual Element Dry Type Air Cleaner

Vertical Exhaust at Right Front Cab Post

Cooling System: Antifreeze to Minus 40C

Fuel Tank Capacity: 47.5 Gal (180 L)

DEF Tank Capacity: 6.6 Gal (25 L)

### POWERTRAIN

**Dyna-4 Transmission** 25 MPH (40 KPH)

- 16F/16R Semi-Powershift, 4 Ranges with 4 Powershifts Per Range
- Transmission Control T-Handle on Right Hand Console

Multi-Disc Wet Brakes

Power Differential Lock

Independent PTO:

- 540/1000 with 6/21 Spline Shaft

Rear Fender Mounted PTO Shut-Off

Flange Axles

### FRONT WHEEL ASSIST AXLE

4 WD Power Front Axle (PFA)

- 8 Bolt Pattern

Shielded Center Drive Line with Electro-Hydraulic Control  
and Front Wheel Drive Differential Lock

### HYDRAULICS

Open Center 15 GPM (57 L/min) Pump

2900 PSI (200 Bar) Maximum Pressure

Two Mechanical Valves – Lever Controlled on Right Hand Console

Hydrostatic Power Steering

### HITCH

3-Point Hitch: Category 2/3 Telescopic Ball End Links

- Active Transport Control
- Lower Link Sensing
- Electronic Draft Control, Electronic Height Control, and Rate of Drop
- Variable Float Telescopic Stabilizers
- Left and Right Side External 3-Point Control

Drawbar: Category 2, Clevis and Drop Pin

### ELECTRICAL SYSTEM

120 Amp Alternator

12 V Battery, 775 CCA (SAE)

7 Pin ASAE Rear Trailer Electrical Outlet

Electrical Isolator Switch and Jumpstart Point

110 V Engine Block Heater

Ignition with Neutral Start and Key Shutoff

### LIGHTING

Four Front Hood Mounted Lights

Four Front Single Bulb Worklights

Two Rear Double Bulb Worklights

Worklights on Handrails and Rear Fenders

Taillights, Flashing Warning Lights and Turn Signals

### INSTRUMENTS

Setup and Information Screen (SIS)

Tachometer: Digital and Analog

PTO Speed: Digital

Ground Speed Display: Digital

Fuel Level and Coolant Temp Gauges

Warning/Information Lights

### OPERATOR AREA

6 Post Cab

Adjustable Steering Column

Front Sun Visor

Air Conditioning and Heater

Air Suspended Swivel Seat with Armrest

Instructor Seat

Front and Rear Windshield Wiper/Washer

External Side Mirrors (Telescopic)

Two Audio Speakers and Antenna

One Electrical Socket in Cab

Speed Chart

### WHEELS AND TIRES

Rear: 460/85R34 R1W 8 Lug Pressed Wheels

Front: 380/85R24 R1W Waffle Wheel

### OTHER STANDARD FEATURES

Hi VIS Front Hood, Single Piece Raising with Lockable Front Latch

Lockable Tool Box

SMV Sign

Molded Rear Fenders

English Op Manual

**MF5713S - NOT FOR SALE IN STATE OF NEBRASKA**



**MASSEY FERGUSON**

**5700S Series**



**FROM MASSEY FERGUSON**

A world of experience. Working with you.



# MF 5700S – BODYSCAN 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.



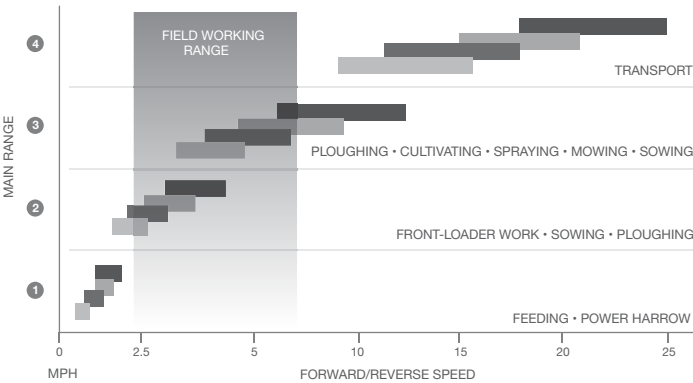
# Dyna4 EFFICIENCY AT YOUR FINGERTIPS



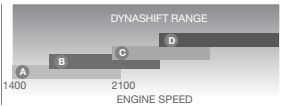
The impressive performance and deluxe design of the Dyna-4 transmission provides unbeatable productivity, control and convenience, with completely clutchless shifting of 16 forward and 16 reverse speeds.

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.



## SUPERCREEP

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
Specification		
MF 5711S	●	●
MF 5712S	●	●
MF 5713S	●	●



# CLASSIC

## The new standard for straightforward operation

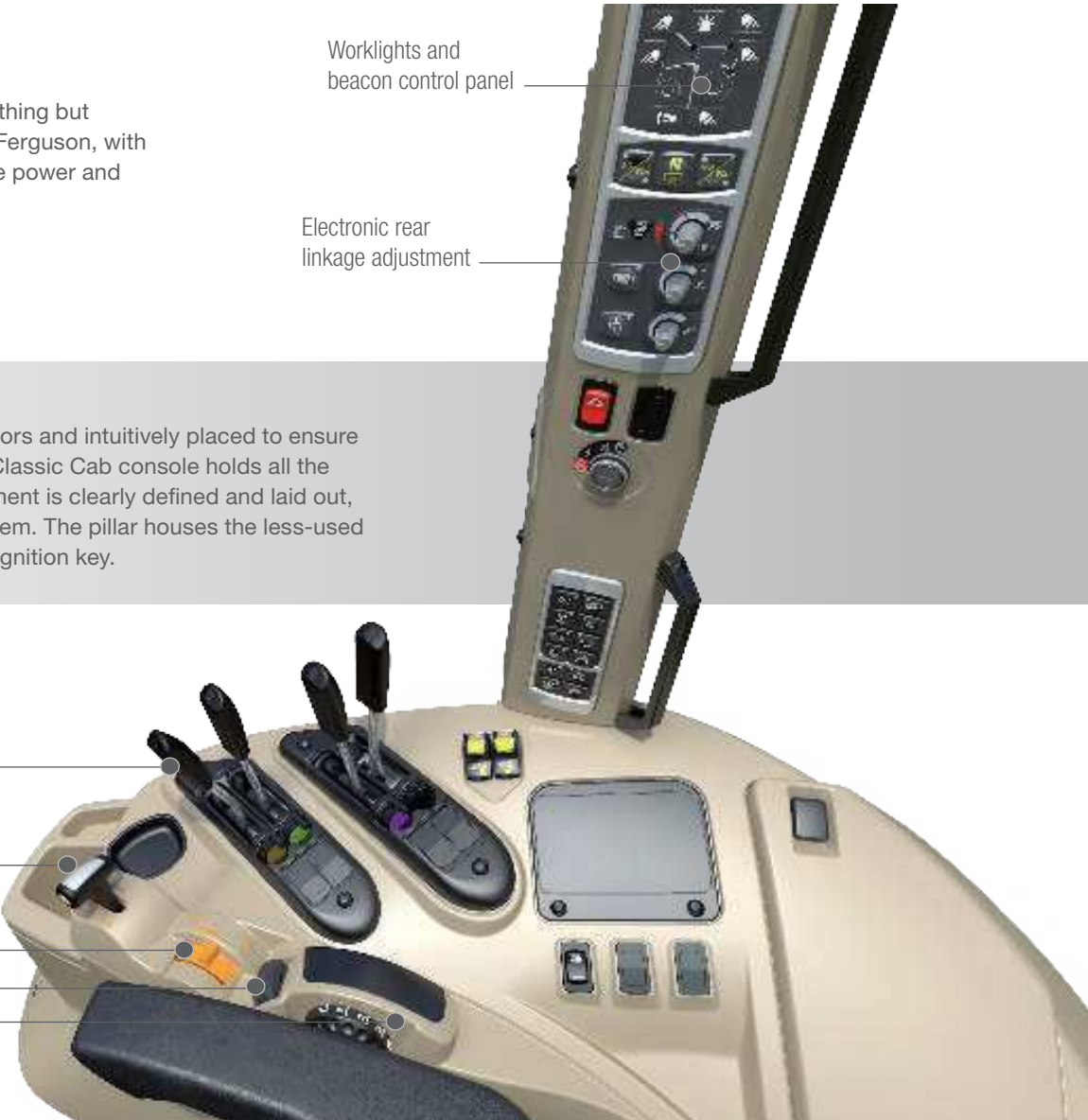
Classic is the base specification for the MF 5700 S Series, but it is anything but basic. It provides all the key elements you would expect from Massey Ferguson, with a blend of simplicity, ease of use and versatility to fit needs that require power and performance without excess sophistication.



### 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.





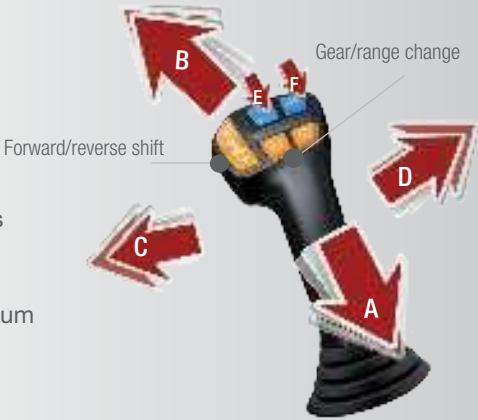
# UNPARALLELED LOADER FEATURES

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.



Loader models have increased lift capacity and new roll back angles which offer impressive material handling, particularly when using a bucket implement

Optional Visio roof for uncompromised visibility during loader operations

Unique Massey Ferguson multi-function loader joystick

A high-visibility hood is the trademark of a good loader tractor, giving excellent views of the loader, implement and operation

Thoughtful design means there is plenty of space between the loader arms and the hood, giving excellent access to the engine area and air filter

The loader sub-frame sits smoothly against the tractor chassis. Its integral structure and cast uprights have been carefully designed by our engineers who understand how a tractor and loader need to perform

Easy connection and disconnection of loader and implement makes the whole operation quick and very straightforward

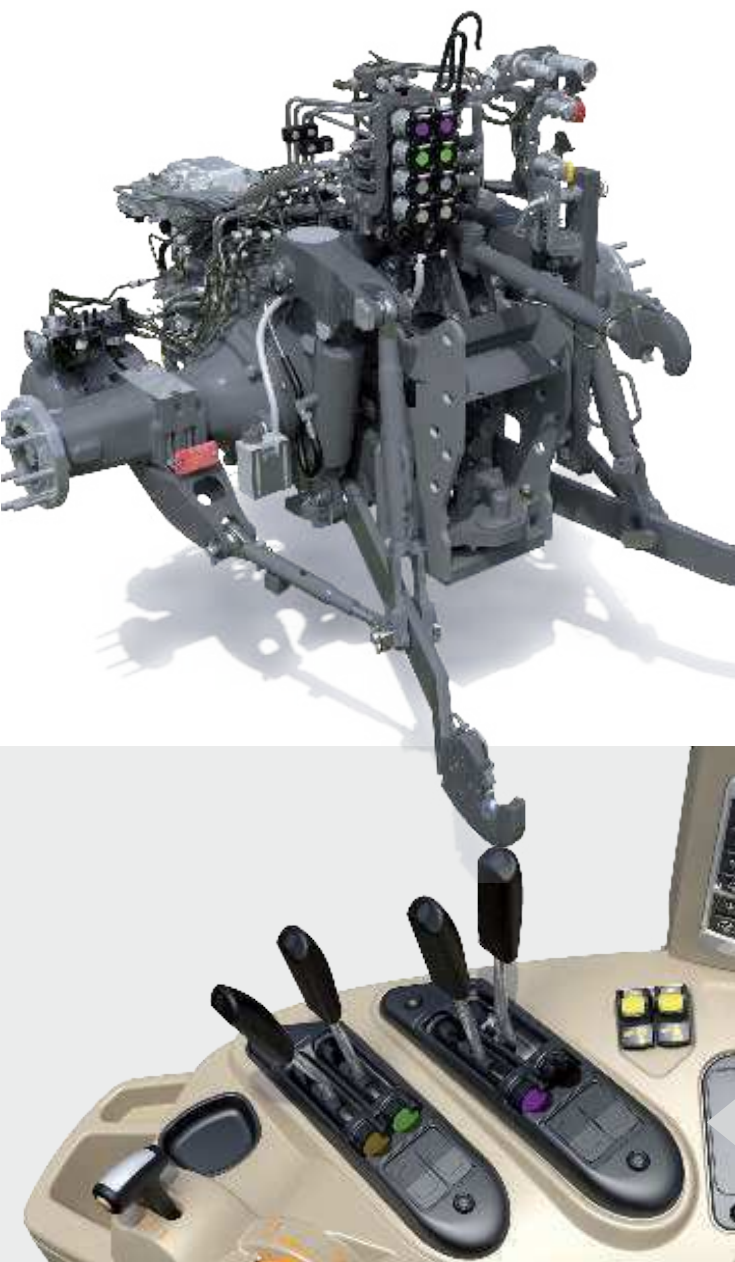
## MF 5700 S SERIES: ULTIMATE LOADER FEATURES

- 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





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

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.

- 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

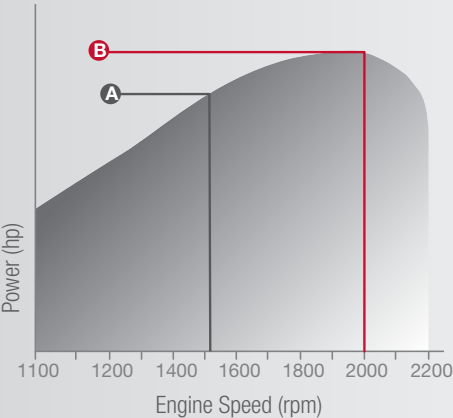
## Power Take-Off

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

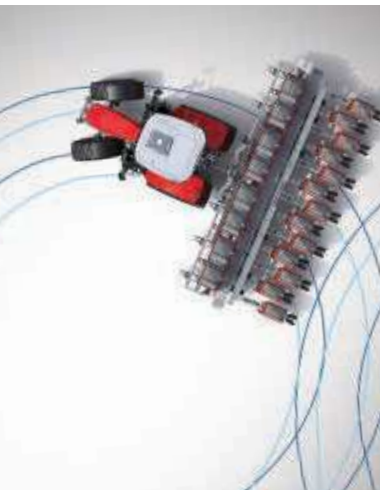
# C1000

## 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.

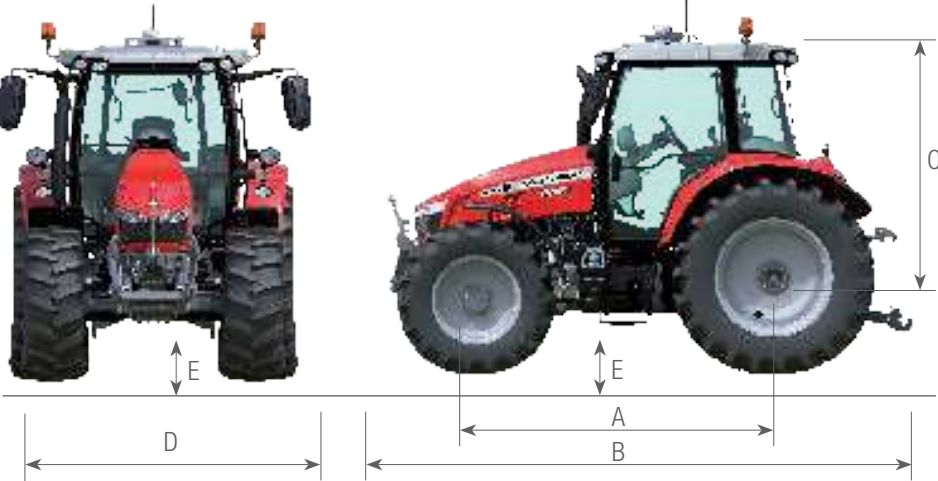
SPECIFICATIONS AS STANDARD

	MF 5711S		MF 5712S	MF 5713S
Engine				
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	rpm		2000	
Max. torque @ 1500 rpm	468		502	545
Fuel tank capacity	gallons		47.6	
DEF tank capacity	gallons		6.6	
Transmission				
Transmission			Dyna-4 Semi Powershift	
Number of gears	Fwd x Rev		16 x 16	
Min. speed @ 1400 rpm	MPH		0.8	
No. of speeds with supercreeper	Fwd x Rev		32 x 32	
Min. speed @ 1400 rpm* with supercreeper	MPH		0.06	
Rear Linkage and Hydraulics				
Controls			Height/depth, MF draft control, intermix, max. height, lowering rate, shock absorber	
Lower links type	Cat		Cat 2/3	Cat 2/3
Max. lift capacity, at link end	lbs		11,464	
Max. oil flow - Open Center services pump	gallons/minute		8.5 gpm supplying steering, brakes, diff lock, PTO, 4WD	
Max. oil flow - Standard Open Center	gallons/minute		15.3 gpm supplying spool valve and linkage	
Max. oil flow - Optional Open Center	gallons/minute		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	gallons/minute		Load Sensing system 29 gpm	
Max. pressure	PSI		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	rpm		1920/1960	
540 Eco	rpm		1560	
PTO shaft				
Standard			6 splines	
Optional			6 & 21 splines	
Front Linkage				
Max. lift capacity	lbs		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.

**AGCO ANSWERS**

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®**

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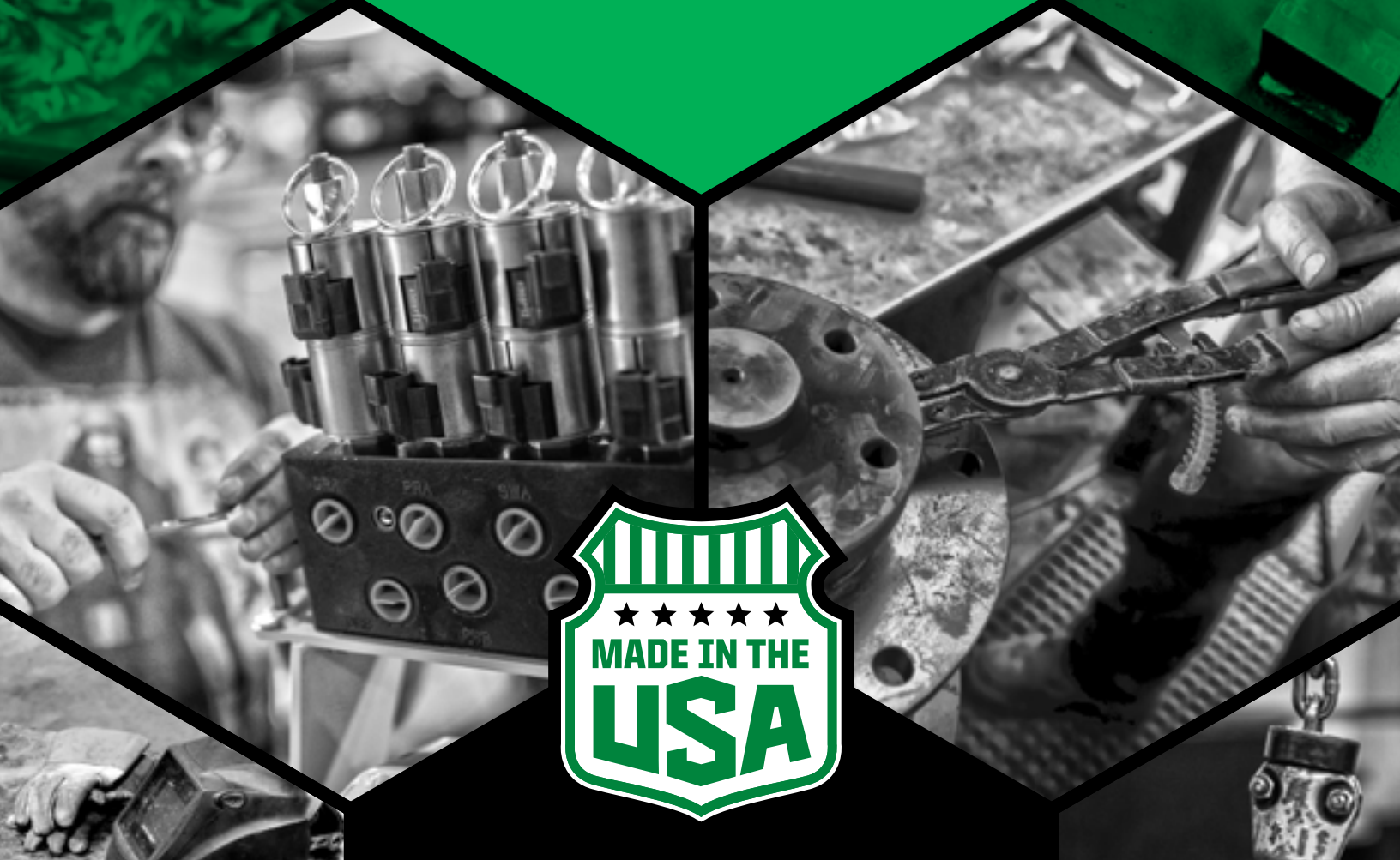


**BOOM**  
**ATTACHMENTS**



**EXTEND YOUR REACH.**





# ***BUILDING THE BEST.***

**At Diamond Mowers, we build the best. By that, we mean the toughest, safest, and most reliable products in the industry.**

We continuously enhance our products with designed innovation and a keen understanding of the customer application. We don't build what we want, we build what you need – durable, dependable and effective boom mower products.

With exceptional customer service and our strong reputation, we'll continue to build the best.

**DEMAND  
BRILLIANCE**

## BOOM TYPES



# SIDE FOLD BOOM



**AVAILABLE  
LENGTHS**

19-FT, 21-FT, 23-FT

# REAR CRADLE BOOM



**AVAILABLE  
LENGTHS**

21-FT, 22-FT, 23-FT  
25-FT, 28-FT, 30-FT



## CUTTING HEADS



### BOOM ROTARY MOWERS

- Available in 50" & 60" cutting widths
- Cuts up to 4" material continuously and 8" intermittently
- Oil bath spindle 260% stronger than greaseable spindle
- Proprietary Tri-Hex disc provides greater inertia in tough conditions



### BOOM FORESTRY DISC MULCHER

- 36" cutting width
- Cuts up to 8" material and mulches up to 5"
- Mulches material with hardened steel, replaceable teeth
- 10x faster than rotary mower



### BOOM SAW BLADE

- 48" cutting width
- Cuts up to 10" material
- Slices material with replaceable carbide teeth
- Delivers clean, finished cut



## BOOM FLAIL MOWERS

- Available in 44", 50" and 63" cutting widths
- Cuts up to 3" material
- Ground roller requires no daily maintenance
- Ideal for a finished look



## BOOM DITCHER

- 22" cutting width
- Ideal for ditches and culverts
- Uses three 3/8" thick replaceable knives
- Equipped with hydraulic chute to direct exhausted material



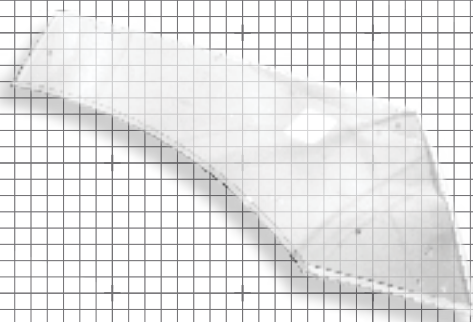


## INCLUDED FEATURES & AVAILABLE OPTIONS +



### HYDRAULIC COOLER

- Virtually impossible to overheat
- Comes standard on all Diamond boom mower products
- Mounted to a pump & grill guard
- **Auxiliary Light** comes standard for enhanced visibility



### SHATTER RESISTANT WINDOW

- Standard for right hand door/window



### 4 & 5 FUNCTION PROPORTIONAL CONTROL



- Improved ergonomics to decrease operator fatigue
- Decreases operator's reaction time in tougher terrain



### HYDRAULIC ACTUATOR



- Provides breakaway protection in both forward and reverse
- Fully enclosed with fewer moving parts for easy maintenance
- Larger range of motion than traditional swing cylinder

\* For more information about our limited warranty, call [888.960.0364](tel:888.960.0364) or visit our website [DiamondMowers.com](http://DiamondMowers.com)



## FENDER HYDRAULIC TANK

- Placed in a protected location to prevent possible damage
- Provides enhanced visibility
- Allows access to 3-PT hitch



## AXLE STABILIZER



- Increases stability by eliminating oscillation on front axle
- Standard on 25-ft and longer booms
  - Optional on shorter length booms

## HYDRAULIC TRAP DOOR



- Available for 50" and 60" Rotary Mowers and 50" Flail Mower
- Exposes blade to easily feed material

 *Options available at an additional cost*



## NEED PARTS? CONTACT OUR PARTS TEAM



[DiamondMowers.com](http://DiamondMowers.com)



[Parts@DiamondMowers.com](mailto:Parts@DiamondMowers.com)



888.960.0361





## BOOM ATTACHMENT SPECS

ATTACHMENT / SIZE	FEATURES	WEIGHT
50" ROTARY MOWER	Cuts up to 4" material continuously and 8" intermittently	831 lbs
60" ROTARY MOWER	Cuts up to 4" material continuously and 8" intermittently	965 lbs
44" FLAIL MOWER	Cuts up to 3" material continuously and 6" intermittently	950 lbs
50" FLAIL MOWER	Cuts up to 3" material continuously and 6" intermittently	1068 lbs
63" FLAIL MOWER	Cuts grass continuously and 2" brush intermittently	753 lbs
36" FORESTRY DISC MULCHER	Cuts up to 8" material and mulches up to 5"	780 lbs
48" SAW BLADE	Cuts up to 10" material	775 lbs
22" DITCHER	Includes three 3/8" thick replaceable knives	600 lbs

## ABOUT DIAMOND MOWERS

Founded in 2000, Sioux Falls, South Dakota based Diamond Mowers is the leading manufacturer of industrial mowing, mulching, and brush cutting equipment for the municipal, skid-steer and excavator markets. Our products include: boom mowers, rotary mowers, flail mowers and forestry mulchers for municipalities, contractors, and land owners.

**In 2017 Diamond Mowers was included in the Inc. 5000.**

### PATENTS

- 9,439,351
- D742421
- D731559

### PROVISIONAL PATENTS

- 62 484,370
- 62 484,363



[DIAMONDMOWERS.COM](http://DIAMONDMOWERS.COM)

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