



MASSEY FERGUSON



# MF 7S SERIES

155-210 HP

STRAIGHTFORWARD  
AND DEPENDABLE  
FARMING EXPERIENCE

A red and white Deere MF 7S Series tractor is shown from a front-three-quarter view. The tractor is parked on a dirt surface, with a large pile of hay or straw to its left and a wooden structure to its right. The background shows a clear sky and some farm equipment. The tractor has large, treaded tires and a prominent grille with the Deere logo. The overall scene is set in a rural, agricultural environment.

# MF 7S SERIES

**POWERFUL DESIGN.**  
UNMATCHED PRODUCTIVITY.

THE NEW MF 7S SERIES DELIVERS ALL-NEW STYLING AND FEATURES DESIGNED FOR ULTIMATE EFFICIENCY AND REDUCED OPERATING COSTS, PLUS UNSURPASSED OPERATOR COMFORT SO YOU CAN GET MORE DONE, NO MATTER THE TASK.



**5** MADE FOR PERFORMANCE



**6** MADE FOR COMFORT



**10** MADE FOR SMART FARMING & CONNECTIVITY



**12** MADE FOR YOU

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# YOUR **MF 7S SERIES** AT A GLANCE

Designed for ultimate efficiency, the MF 7S Series is equipped with the latest straightforward and dependable technology to deliver low operating costs.

Efficient drivelines, Tier 4 Final emissions with an advanced All-in-One system, low fuel consumption, long service intervals, impressive traction and lift capacities, together with low maintenance costs – the MF 7S Series simply makes your farming operation more profitable.

## Ultimate comfort for a more productive working day

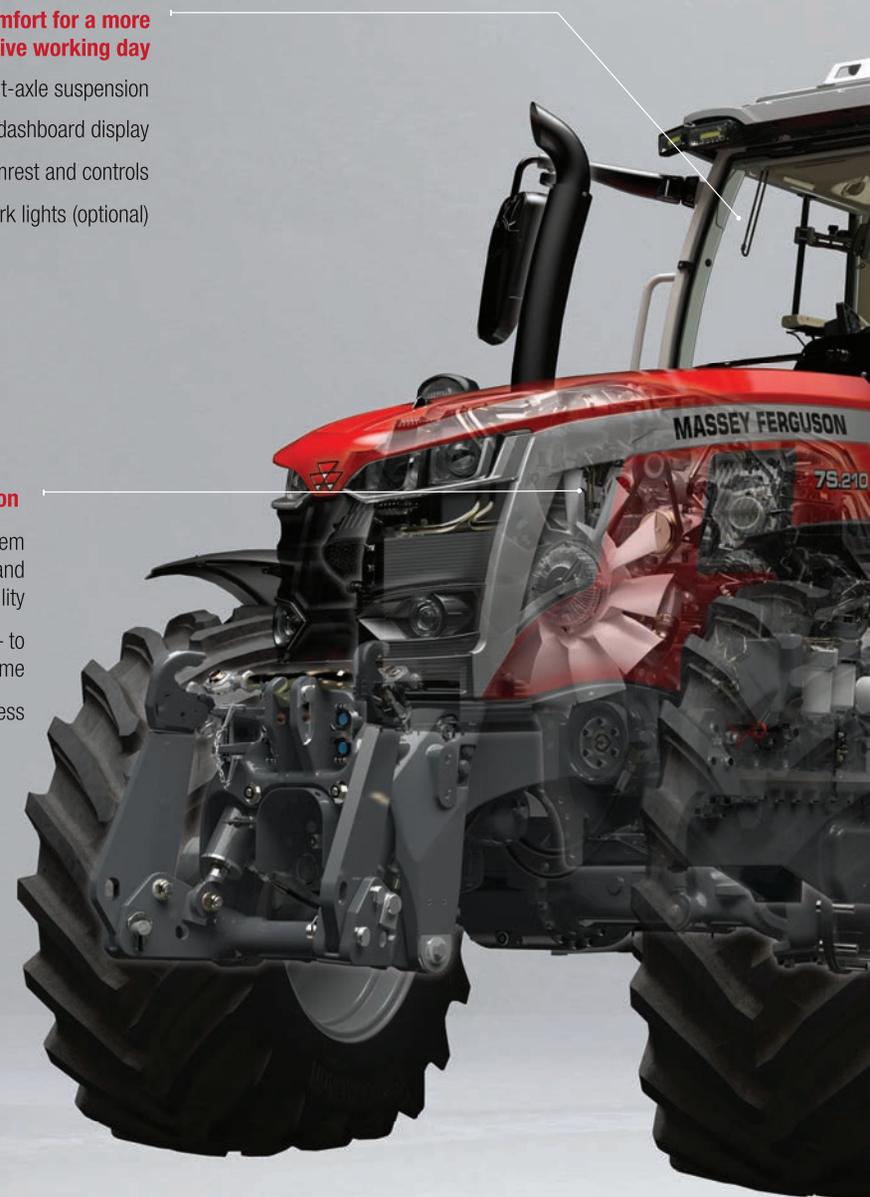
- ▶ Cab and front-axle suspension
- ▶ High-visibility color dashboard display
- ▶ New ergonomic armrest and controls
- ▶ Up to 16 LED work lights (optional)

## Low cost of operation

- ▶ “All-in-One” emission system cuts ownership costs and improves visibility
- ▶ 600 hr engine service intervals – to reduce costs and downtime
- ▶ Easy maintenance access

WITH FIVE MODELS TO CHOOSE FROM, THE MF 7S IS ALWAYS THE RIGHT CHOICE

|                             | MF 7S.155   | MF 7S.165 | MF 7S.180 | MF 7S.190 | MF 7S.210 |
|-----------------------------|---|-----------|-----------|-----------|-----------|
| Engine                      | AGCO Power – Tier 4 Final – All-in-One technology |           |           |           |           |
| Engine Capacity             | 6 cylinder, 6.6 liter                             |           |           |           |           |
| Transmission                | Dyna-6  |           |           | –         |           |
|                             | Dyna-VT   |           |           |           |           |
| Maximum Power               | 155   | 165       | 180       | 190       | 210       |
| Maximum Power With EPM (HP) | 175   | 185       | 210       | 220       | 220       |
| Rated PTO Power (HP)        | 135   | 140       | 155       | 165       | 180       |





**New Datatronic 5 and optional Fieldstar 5 terminal provide the latest smart farming package**

- ▶ 9" touch-screen terminal
- ▶ New MF Guide solutions for reducing overlaps
- ▶ Fewer skips and wasted product with MF Section and Rate Control
- ▶ Send and share job records on the cloud with MF TaskDoc® Pro
- ▶ Remote monitoring and decision making through MF Connect telemetry

**Efficient drivelines**

Dyna-6 Super Eco semi-powershift and Dyna-VT transmissions with Engine Power Management deliver more power when it is needed most

**Ability to work faster with the toughest implements**

Up to five spool valves to the rear and two to the front, including front linkage and Power Beyond installation, plus a high lift capacity hitch

# MADE FOR PERFORMANCE

The new MF 7S Series is the pure embodiment of power meets sustainable efficiency with 6.6-liter, six-cylinder AGCO Power™ engines employing Massey Ferguson's exclusive, most advanced "All-in-One" system to meet strict emission regulations.



Combined with the

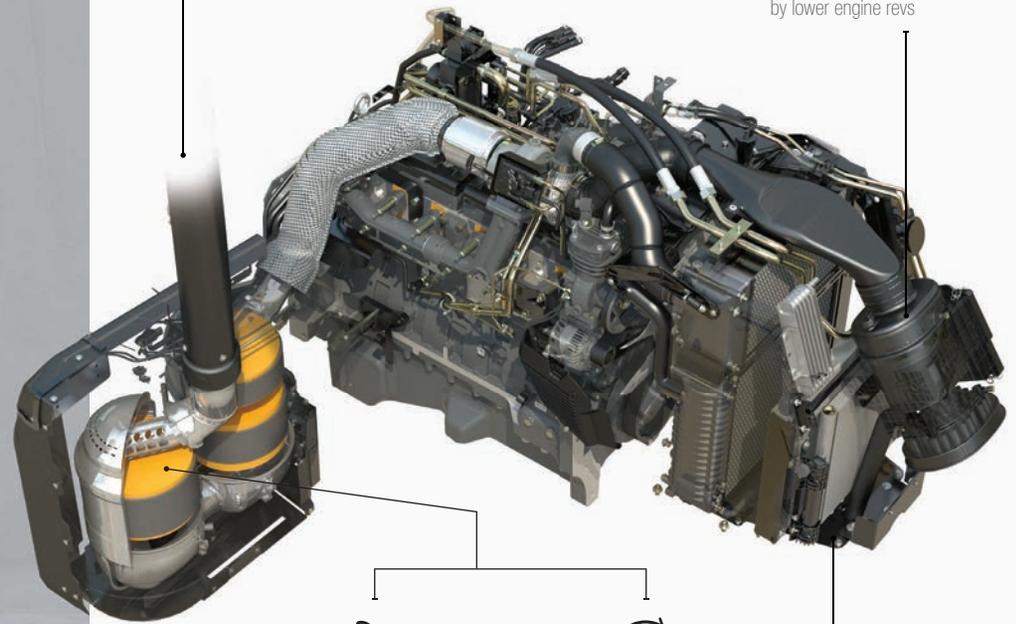
**HIGHLY EFFICIENT DRIVELINES,**

the engine is consistent and reliable, saves fuel, increases efficiency, and cuts costs



**FUEL SAVINGS**

by lower engine revs



**600 H**

Long service intervals reduce running costs



**NO COMPROMISE**

The compact All-in-One emission system is tucked neatly under the cab, where it has no impact on visibility



**LOW NOISE**



**-40%**

Particle reduction versus the previous stage

# THE CLASSIC VERSION

## LOGICAL, STRAIGHTFORWARD OPERATION

Classic is the entry-level package for the MF 7S Series, but it is anything but basic.

It includes all the key elements you would expect from your Massey Ferguson, with a blend of simplicity, ease of use and versatility to suit applications that require additional power and performance.



### THE CLASSIC VERSION

THE NEW STANDARD FOR STRAIGHTFORWARD OPERATION

|                 | COMFORT  | EFFICIENCY  | CONNECTIVITY  |
|-----------------|--|---|---|
| <b>STANDARD</b> | Brake-to-Neutral<br>Air conditioning with manual adjustment<br>Telescopic, wide-angle wing mirrors<br>2 USB ports<br>Standard air suspended seat | T-lever transmission operation<br>Dyna-6 Super Eco with standard Automatic Mode<br>Engine speed memory A<br>Dyna-6 Super Eco 25 mph Eco transmission<br>Closed center, load sensing hydraulics<br>3 mechanical spool valves | MF Connect telemetry-ready with five-year subscription<br>ISOBUS<br>MF Guide system ready with MF TaskDoc   |
| <b>OPTION</b>   | Mechanical passive cab suspension<br>Front axle suspension   | Integrated Front Linkage System and PTO<br>Dyna-6 Eco 31 mph transmission*<br>Loader ready from factory with multifunction mechanical joystick<br>4 mechanical spool valves   | Fieldstar 5 terminal<br>MF Guide system with advanced guidelines<br>MF Section & Rate Control<br>MF TaskDoc Pro recording all job's data exchange |

### MECHANICAL MULTIFUNCTION LOADER 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-bucket adjustment to horizontal position

\*Depending on market/legislation



Light controls

PTO speed

Rear linkage controls

Hazard lights

Ignition key

Mechanical hydraulic levers

Diff lock auto/manual  
4WD auto/manual  
Marker lights/low beam lamps  
Suspended front axle (opt.)  
Brake-to-Neutral

Gear selection T-lever

Rear and front PTO controls

Hand throttle

Rear linkage controls  
& depth wheel

# THE DELUXE VERSION

## BOOST YOUR PRODUCTIVITY

Deluxe is the high specification package for the MF 7S Series, designed to help you work smarter and get better results.

Dedicated to delivering increased productivity thanks to its key features, the Deluxe package enables you to work faster, to a higher standard, with more accuracy, together with high levels of comfort, ergonomics and reliability. Stay in control of the most technologically advanced and demanding implements to take advantage of their increased productivity.

### THE DELUXE VERSION

ADVANCED EQUIPMENT TO HEIGHTEN YOUR EFFICIENCY AT WORK

|                 | COMFORT  | EFFICIENCY  | CONNECTIVITY  |
|-----------------|--|---|---|
| <b>STANDARD</b> | <ul style="list-style-type: none"> <li>Mechanical passive cab suspension</li> <li>Air conditioning with manual adjustment</li> <li>Telescopic, wide-angle wing mirrors</li> <li>Armrest with new MultiPad lever</li> <li>2 USB ports</li> <li>Automatic air suspended seat</li> <li>SpeedSteer</li> </ul>                  | <ul style="list-style-type: none"> <li>Dyna-6 with Automatic Mode or Dyna-VT</li> <li>25 mph Super Eco transmissions</li> <li>Cruise control and Brake-to-Neutral</li> <li>Closed center 29 gal/min hydraulics</li> <li>Electrical and mechanical spool valves</li> <li>Engine speed memo A or B</li> <li>2 electrical spool valves with electrical micro-joystick and 2 mechanical spool valves</li> </ul> | <ul style="list-style-type: none"> <li>MF Connect telemetry-ready with five-year subscription</li> <li>Datatronic 5 touch-screen terminal 9" (with tractor settings management &amp; ISOBUS integrated, camera &amp; MF Guide compatible)</li> <li>MF Guide system-ready with MF TaskDoc</li> </ul> |
| <b>OPTION</b>   | <ul style="list-style-type: none"> <li>Mechanical active cab suspension</li> <li>Front axle suspension</li> <li>Automatic air conditioning</li> <li>16 LED working Lights</li> <li>Heated, electric-adjust mirrors</li> <li>Automatic air suspended swivel seat with lateral suspension, Dynamic Damping System</li> </ul> | <ul style="list-style-type: none"> <li>31 mph* Dyna-6 Eco with Supercrawler or 31 mph* Dyna-VT</li> <li>Integrated Front Linkage System and 1000 rpm front PTO</li> <li>Loader ready from factory with multifunction electrical joystick</li> <li>Closed center load sensing hydraulics with 39 or 50 gal/min</li> </ul>  | <ul style="list-style-type: none"> <li>Fieldstar 5 terminal</li> <li>MF Guide system with advanced guidelines</li> <li>MF Section &amp; Rate Control</li> <li>MF TaskDoc Pro recording all job's data exchange</li> </ul>   |

\* Depending on market/legislation



### EFFICIENT ELECTRO HYDRAULIC MULTIFUNCTION JOYSTICK

- A Lift front loader or rear valve control +
- B Lower front loader or rear valve control -
- C Fill front loader or rear valve control +
- D Dump front loader or rear valve control -



22:14 100%  
J D P 3 + 1 9 7 1 1 P o d

LOCA  
RPM  
FUEL

Electrical PTO speed selection

Electronic rear linkage adjustment

Datatronic 5, 9" terminal

5.9" terminal

Multipad lever including transmission control for effortless speed and range changes

Multifunction hydraulic joystick

Up to five electrical spool valves can be specified

Hand throttle

PTO activation

## MADE FOR **SMART FARMING & CONNECTIVITY**

The new MF 7S Series range has taken Smart Farming and connectivity to new heights with real-time information and remote service, the intuitive Datatronic 5 interface and Fieldstar 5 terminal control features such as: MF Guide, MF Section and Rate Control as well as data transfer and management through MF TaskDoc and TaskDoc Pro.

## KEY BENEFITS **FOR YOU**



### **12% FUEL SAVING**

Guidance systems are proven to save up to 12% fuel in field operations



### **NO OVERLAPS**

MF Guide virtually eliminates overlaps



### **SAVINGS**

Using MF Guide helps you save money by reducing overlaps, precision application and increasing efficiency



### **COMFORT**

Using MF Guide helps to reduce fatigue and stress by guiding you efficiently through your working day





## PARTS & SERVICE

# IT'S ALL ABOUT A LIFETIME OF SUPPORT

Buying, owning and maintaining equipment can be complex. That's why ensuring you have support and peace of mind is always an important consideration. With Massey Ferguson, you can count on personalized, responsive support from our network of dealers.

With Massey Ferguson, there's no cut-off time for Parts and Service, meaning we're available to you throughout the lifetime of your machine.

There's a pride and responsibility built into every piece of equipment we sell, and we make it our mission to keep your machine running smoothly, every single time you turn the key.

Ask your dealer about AGCO Protection, an extended warranty program that prolongs your coverage and safeguards against the cost of sudden breakdowns.

AGCO replacement parts are made to the same high standards as those used on the assembly line, so your AGCO® equipment will stay running like new. Talk to your dealer, or shop at [parts.agcocorp.com](http://parts.agcocorp.com) to find the AGCO Genuine Parts you need.

Focus on your operation, not on scheduling maintenance. With AGCO GenuineCare plans, your service intervals are predetermined. You'll avoid downtime and be able to better plan your costs thanks to transparent pricing, bundles and discounts.



# MAKE THE MF 7S SERIES AS INDIVIDUAL AS YOUR FARM



|   | CLASSIC | DELUXE |
|---|---------|--------|
| <b>ENGINE</b>   |         |        |
| AGCO Power — 6.6 liter  | ●       | ●      |
| All-in-One technology   | ●       | ●      |
| <b>TRANSMISSION</b>   |         |        |
| Power Control — multifunction shuttle lever   | ●       | ●      |
| Right-hand shuttle control  | -       | ●      |
| T-Lever on console  | ●       | -      |
| <b>A</b> MultiPad lever on Command Control Armrest  | -       | ●      |
| Dyna-6 Super Eco (25 mph @ 1500 rpm)  | ●       | ●      |
| Dyna-6 Eco (31 mph* @ 1800 rpm)   | ○       | ○      |
| Dyna-VT Super Eco 25 mph or Eco 31 mph* with Automatic Mode   | -       | ○      |
| C1 & C2 cruise speed memories   | ●       | ●      |
| Brake-to-Neutral - Clutch effect  | ●       | ●      |
| <b>OPERATOR ENVIRONMENT</b>   |         |        |
| Air conditioning with manual adjustment   | ●       | ●      |
| Air conditioning with automatic control   | -       | ○      |
| Air suspended swivel seat   | ●       | ●      |
| Air suspended seat with heater and pneumatic lumbar adjustment  | -       | ○      |
| <b>B</b> Automatic air suspended swivel seat, ventilated, 2 heating levels, pneumatic lumbar, longitudinal & lateral shock absorber, dual motion backrest and DDS | -       | ○      |
| Passive mechanical cab suspension   | ○       | ●      |
| Active mechanical cab suspension  | -       | ○      |
| FM radio, CD, MP3, USB & front auxiliary  | ○       | -      |
| <b>C</b> FM or DAB + (digital) radio, CD, MP3, Bluetooth connection, USB & front auxiliary  | -       | ○      |
| Radio — controls in the armrest   | -       | ●      |
| Telescopic double angle mirrors with electric adjustment and de-icing   | -       | ○      |
| SpeedSteer  | ●       | ●      |
| <b>D</b> 16 work lights package — with daytime running LED signature  | ○       | ○      |

- Not available
- Standard specification
- Optional
- \* Depending on market legislation

|   | CLASSIC | DELUXE |
|---|---------|--------|
| <b>OPERATOR ENVIRONMENT</b>   |         |        |
| <b>MF TECHNOLOGIES</b>  |         |        |
| MultiPad with ISOBUS implement control switch assignment                            | -       | ●      |
| MF Guide Ready  | ●       | ●      |
| <b>E</b> NovAtel receiver — from sub-foot to sub-inch precision                     | ○       | ○      |
| <b>F</b> Trimble receiver — from sub-foot to sub-inch precision                     | ○       | ○      |
| MF Section Control — 36-section control   | ○       | ○      |
| MF TaskDoc Pro — wireless data transfer   | ○       | ○      |
| <b>CHASSIS AND HYDRAULICS</b>   |         |        |
| Front axle suspension   | ○       | ○      |
| Mechanical control of spool valves  | ●       | ●      |
| Electrical controls of spool valves   | -       | ●      |
| <b>G</b> Loader-ready tractor with electro hydraulic multifunction joystick control | -       | ○      |
| Loader-ready tractor with mechanical multifunction joystick control                 | ○       | -      |
| Power Beyond with couplers  | ○       | ○      |
| Rear linkage with Active Transport Control  | ●       | ●      |
| Automatic PTO   | ●       | ●      |
| Mechanical PTO speed selection  | ●       | -      |
| Automatic traction management (4WD & differential lock)                             | ●       | ●      |
| Hydraulic top link on rear three-point linkage                                      | ○       | ○      |
| Integrated front linkage (capacity of 7,055 lb or 8,818 lb depending on model)      | ○       | ○      |
| Integrated front PTO  | ○       | ○      |
| <b>CONVENIENCE</b>  |         |        |
| Automatic isolator switch   | ●       | ●      |
| Standard toolbox  | ●       | ●      |
| External lift control on fenders  | ●       | ●      |
| External PTO start/stop control on fender   | ●       | ●      |
| External remote valve control on fender   | -       | ●      |
| <b>OTHER EQUIPMENT<br/>(SPECIFICATIONS MAY VARY BY MARKET)</b>                      |         |        |
| Pivoting front fenders  | ○       | ○      |
| Pneumatic trailer brakes*   | ○       | ○      |
| Hydraulic and pneumatic trailer brakes*   | ○       | ○      |



# TECHNICAL SPECIFICATIONS

|   |               | <b>MF 7S.155</b>   | <b>MF 7S.165</b> | <b>MF 7S.180</b> | <b>MF 7S.190</b> | <b>MF 7S.210</b> |
|---|---------------|--|------------------|------------------|------------------|------------------|
| <b>ENGINE</b>   |               |  |                  |                  |                  |                  |
| Engine type   |               | AGCO Power with "All-in-One" technology  |                  |                  |                  |                  |
| Number of cylinders/number of valves/displacement             | No. /No./L    | 6/4/6.6  |                  |                  |                  |                  |
| Aspiration  |               | Electronic wastegate turbo and intercooler   |                  |                  |                  |                  |
| Injection type  |               | Common rail  |                  |                  |                  |                  |
| Fan type  |               | Vistronic  |                  |                  |                  |                  |
| Maximum power   | ✚ ISO hp (kW) | 155 (114)  | 165 (121)        | 180 (132)        | 190 (140)        | 210 (157)        |
| Engine rpm at maximum power                                   | rpm           | 1950   |                  |                  |                  |                  |
| Maximum power with EPM  | hp            | 175 (129)  | 185 (136)        | 210 (154)        | 220 (162)        | 220 (162)        |
| Fuel tank capacity  | Gallons       | 80.6   |                  |                  |                  |                  |
| DEF tank capacity   | Gallons       | 7.9  |                  |                  |                  |                  |
| <b>DYNA-6 TRANSMISSION</b>                                    |               |  |                  |                  |                  |                  |
| Number of gears (Fwd x Rev)                                   | Fwd x Rev     | 24 x 24  |                  |                  | -                |                  |
| Min. speed @ 1400 rpm   | mph           | 0.7  |                  |                  | -                |                  |
| 25 mph Eco/Super Eco at engine speed with max. tire dimension | rpm           | 1500 (with 650/65 R42)   |                  |                  | -                |                  |
| 31 mph* Eco at engine speed with max. tire dimension          | rpm           | 1800 (with 650/65 R42)   |                  |                  | -                |                  |
| <b>DYNA-VT TRANSMISSION</b>                                   |               |  |                  |                  |                  |                  |
| Type  |               | Stepless, continuously variable transmission   |                  |                  |                  |                  |
| Field speed range   | mph           | Forward: 0.02-17 mph - reverse: 0.02-10 mph  |                  |                  |                  |                  |
| Road speed range  | mph           | Forward: 0.02-25 mph - reverse: 0.02-23 mph/Forward: 0.02-31 mph* - reverse: 0.02-23 mph |                  |                  |                  |                  |
| <b>REAR LINKAGE AND HYDRAULICS</b>                            |               |  |                  |                  |                  |                  |
| Lower links type  | Cat           | Cat 3  |                  |                  |                  |                  |
| Maximum lift capacity, at link end                            | lb            | 21,164   |                  |                  |                  |                  |
| Standard hydraulic system                                     | gal/min       | Closed center load sensing 29 gal/min  |                  |                  |                  |                  |
| Optional hydraulic system                                     | gal/min       | Closed center load sensing 39 gal/min or 50 gal/min                                      |                  |                  |                  |                  |
| Maximum number of rear spool valves                           |               | 4 (Dyna-6) / 5 (Dyna-VT)   |                  |                  |                  |                  |

- ✚ ISO 14396
- Not available
- \* Depending on market legislation

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.

|  |     | MF 7S.155            | MF 7S.165 | MF 7S.180 | MF 7S.190             | MF 7S.210 |
|--|-----|----------------------|-----------|-----------|-----------------------|-----------|
| <b>REAR POWER TAKE-OFF</b>   |     |                      |           |           |                       |           |
| Engine speed at  |     |                      |           |           |                       |           |
| 540/1000 Dyna-6  | rpm | 1980/2030            |           |           | -                     |           |
| 540/540 Eco/1000/1000 Eco Dyna-6   | rpm | 1980/1530/2030/1570  |           |           | -                     |           |
| 540/540 Eco/1000/1000 Eco Dyna-VT  | rpm |                      |           |           | 1870/1500/1900/1530   |           |
| Shaft diameter   | in. |                      |           |           | 1 3/8" 6 & 21 splines |           |
| <b>INDEPENDANT FRONT LINKAGE AND FRONT POWER TAKE-OFF</b>                                |     |                      |           |           |                       |           |
| Lower links type   | Cat |                      |           |           | Cat 3                 |           |
| Maximum lift capacity, at link end   | lb  |                      |           |           | 7,055                 |           |
| Maximum number of front spool valves   |     |                      |           |           | 2                     |           |
| Engine speed at 1,000 front PTO speed  |     |                      |           |           | 1,920                 |           |
| <b>WHEELS AND TIRES<br/>(FULL RANGE AVAILABLE. PLEASE CONSULT YOUR DEALER)</b>           |     |                      |           |           |                       |           |
| Front  |     |                      |           |           | 380/85 R28            |           |
| Rear   |     |                      |           |           | 460/85 R38            |           |
| <b>WEIGHTS<br/>(MAY VARY DEPENDING ON CONFIGURATION.<br/>PLEASE CONSULT YOUR DEALER)</b> |     |                      |           |           |                       |           |
| Minimum weight/average weight/maximum weight   | lb  | 12,787/15,432/17,968 |           |           | 13,889/16,535/18,519  |           |
| Maximum gross vehicle weight up to*  | lb  | 27,558               |           |           | 30,865                |           |

\*Depending on market legislation

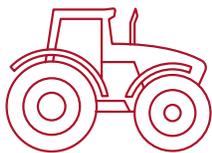
## DIMENSIONS

|   |   | MF 7S<br>Dyna-6 | MF 7S<br>Dyna-VT |       |
|---|---|-----------------|------------------|-------|
| A | Wheelbase   | in.             | 113.4            |       |
| B | Overall length from front linkage to rear linkage arms      | in.             | 220.6            |       |
| B | Overall length from front weight frame to rear linkage arms | in.             | 194.0            |       |
| C | Height at center of rear axle to top of cab                 | in.             | 83.1             | 84.4  |
| D | Total height  | in.             | 117.5            | 118.9 |





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**MASSEY FERGUSON**

BORN TO **FARM**