

MASSEY FERGUSON



80-100 Engine HP

4700 Series Utility Tractors



MASSEY FERGUSON

4700 SERIES



FROM MASSEY FERGUSON

A world of experience. Working with you.

THE CULMINATION OF 170 YEARS OF EXPERIENCE AND INNOVATION.

For more than 170 years, we've been perfecting the utility tractor. And even though more than four million of ours have shown up for work on farms and jobs like yours around the world, we're never quite satisfied.

Introducing the Massey Ferguson® 4700 Series.

A part of the largest manufacturing and new product project in AGCO history, the 4700 Series has been completely re-engineered from the ground up and built in our new state-of-the-art manufacturing facility. These tractors are the result of years of insight from farmers, contractors, operators and dealers from around the world. And they have been put through more than 50,000 hours of rigorous endurance

testing in extreme weather and terrain conditions. From the rice paddies of Southeast Asia to the oppressive heat of Africa to the bitter cold of Northern Europe to the grueling applications required for farming in North America, these tractors have been through it all.

These heavy-duty tractors are purpose-built for more lift capacity and the power to pull larger, heavier implements. They are tractors unlike any that have come before them.



HAY. DAIRY. GOVERNMENTAL. ORCHARDS. SMALL FARMS.

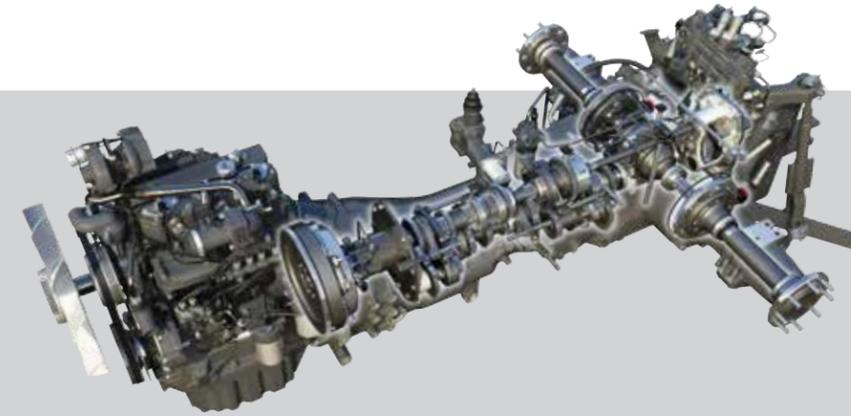


WE'VE NEVER BUILT A TRACTOR QUITE LIKE THIS.

The heavy-duty 4700 Series gives you the power, stability and versatility to handle tougher jobs so you can get more done, regardless of your operation.

- **HAY** – Whether you're mowing, tedding, raking, baling or hauling, these tractors were designed to pull bigger balers, bigger mower conditioners and carry heavier bales than other tractors in their class. Plus they match up perfectly with Hesston by Massey Ferguson® hay equipment.
- **DAIRY FARMS** – Dairy operations need a tough, do-everything tractor that can handle the heavy lifting while still being nimble and maneuverable in tight spaces. Because the days can be long, it also has to be comfortable. This is that tractor.
- **SMALL FARMS** – For small farms, this tractor is going to be your new best friend. From the field to the barn and everything in between, you'll have a stable, easy-to-operate machine that won't let you down.
- **ROTARY CUTTING** – From large properties to roadside mowing and other municipal jobs, rotary cutting is the number one application for utility tractors in North America. With its low center of gravity, heavyweight chassis, 4,800-pound 3-point "full-stoke" lift capacity and a powerful engine, these tractors can manage multi-spindle batwing cutters and larger, heavier-duty rotary cutters with ease.

THE HARMONIOUS UNION OF ENGINE AND TRANSMISSION.



IT'S SIMPLE. When all the key components of a tractor are built together, they work better together. That's why we assemble the engines and transmissions for the 4700 Series in the same state-of-the-art facility, ensuring unmatched quality, efficiency and durability. Plus fewer parts and a less-complex design provide better fuel efficiency and easier maintenance. It's how you would do it if you were building your own tractor.

ENGINE

At the heart of it all is a rugged, reliable, fuel-efficient 3.3 Liter AGCO Power™ three-cylinder Tier 4 Final engine. These engines range from 80-100 horsepower and are specifically configured for North America.

- **POWERFUL AND QUIET** – The turbo-charged diesel power plant delivers maximum torque at low engine speeds. You not only get clean exhaust and miserly fuel consumption, but both noise and tractor wear and tear are reduced. You enjoy an unmatched operator experience and a very comfortable cost of operation.
- **SMOOTH RUNNING** – Four valves per cylinder improve airflow and enhance the fuel/air mixture, so you run cool and smooth, keeping service costs low, too.
- **THE BRAIN INSIDE** – The engine management system monitors every aspect of the engine's operation, automatically adjusting fuel flow, injection timing and other functions to deliver consistently outstanding performance and low fuel consumption.
- **NO DPF FILTER** – These tractors don't require a diesel particulate filter (DPF), which also saves money, time and fuel.

TRANSMISSION

An easy-to-operate transmission provides multiple speed options whether you're maneuvering through headlands or around tight spaces in the barn or yard. Directional changes are made easily — on the fly — for a more comfortable ride and less operator fatigue.

- **ALL THE SPEEDS YOU NEED** – The optional 12x12 synchronized shuttle transmission provides 12 forward and 12 reverse speeds in two ranges. With six gears within the typical 2.5-7.5 MPH fieldwork range, and a maximum speed of 25 MPH, you always have the right speed for any job.
- **COMFORT CONTROL*** – You can determine the reactivity of the shuttle during direction changes, easily adjusting how the transmission engages when starting from a stopped position. This creates ideal responsiveness, especially for loader work.
- **EASY SHIFT CONTROL*** – For operations that require frequent shifting, like roading and headland turns, the simple press of a button can shift to the desired gear without using the foot clutch pedal.
- **POWER SHUTTLE CONTROL*** – For loading trucks, stacking hay or other loader work, the optional Power Shuttle Control lever provides easy electro-hydraulic declutch and directional changes without the need to press the foot clutch pedal.

*Features only available on deluxe model.



A TRACTOR THAT SHOWS UP FOR WORK. EVERY DAY.

You've got a ton of different jobs to tend to each day, and the last thing you need is a feeble tractor that shies away from the really tough ones. The 4700 Series is heavier than other tractors in its class, uniquely designed to handle larger, heavier implements and more demanding applications. So yeah, it'll be there when you need it.

- **HEAVY DUTY** – At a best-in-class base weight of 7,125 lbs., the 4700 Series is purpose-built for more pulling power and more lift capacity. Not to mention better maneuverability and more stability.
- **NO HITCH LIKE THIS HITCH** – There's virtually no limit to the range of implements you can put behind these tractors. Two gear pumps power the simple, open-center hydraulic system, and a heavy-duty three-point hitch helps provide a rear lifting capacity of nearly 4,850 lbs.
- **RADIAL TIRES** – Premium radial tires come standard on the 4700 Series. Built exclusively for agricultural use, these tires provide better stability and traction in the field, reduce soil compaction and improve fuel economy. Plus the patented interlug terraces enhance self-cleaning in muddy soil. As a result, you enjoy superior handling, a smoother ride and reduced wear on the tractor.
- **2WD/4WD** – The 2WD axle comes with five track-width settings in 4-inch steps to accommodate virtually all crop or field conditions. An optional hydraulic-controlled differential lock on the 4WD front axles ensures that drive is evenly distributed to both wheels for better traction and greater stability.
- **TIGHT TURNING RADIUS** – Sometimes you need to work in confined spaces. These tractors feature a tighter turning radius for easier maneuverability with better stability.
- **ADJUSTABLE WHEELS** – With a wide range of wheel-spacing settings, these tractors are versatile enough to handle everything from specialty farming applications, like small-scale row crops and vegetables, to roadside mowing and land management applications.

STABILITY



A VERY PRACTICAL TRACTOR THAT'S AS COMFORTABLE AS IT IS TOUGH.

EASE OF USE



The 4700 Series is built for tough, gritty jobs. It's also built to be easy to use and comfortable to operate. From the ground up, these tractors are engineered for smart, ergonomic, long-lasting operation. Because even though the work is tough, your tractor should never be hard on you.

- **GRAB RAILS** – Mounted outside the operator station for comfortable, easy access.
- **EASY-REACH CONTROLS** – Essential controls are ergonomically positioned for easy operation and comfort.
- **ADJUSTABLE SEAT** – A spring tension-control knob adjusts the seat to comfortably accommodate operators of all sizes.
- **TILT STEERING** – On deluxe models, a tiltable steering column adjusts for maximum productivity and comfort.
- **FENDER-MOUNTED 3-POINT CONTROL** – Hitch raise or lower controls on deluxe models are incorporated into the rear fender, making hook-up and disconnection of 3-point implements quick and easy.
- **AND MORE** – Toolbox and floor mat are standard on all models.



WE'VE TRIED TO THINK OF EVERYTHING.

- **DASH DISPLAY** – The dash display on deluxe models includes a tractor performance monitor that provides data on DEF fluid level, fuel level, temperature range and more. Plus, you can monitor engine hours, fault codes, PTO speed and ground speed with just the push of a button.
- **DEBRIS SHIELD** – Shields on both sides of the operator station deflect debris for additional protection and a comfortable working environment.
- **LOADER JOYSTICK** – Raise, lower, curl and dump the bucket with incredible precision, even in tight spots and tough applications.
- **LOADER FLOAT CONTROL** – Raise and lower the loader to the contour of the ground or road for the flexibility to efficiently handle grading and snow removal.
- **TELESCOPIC LOWER STABILIZING ARMS** – Standard on deluxe models, these heavier-duty stabilizing arms let you custom-adjust for any implement, for unmatched ease-of-use and greater control.
- **EXTENDABLE LOWER BALL ENDS** – Because extending the ball ends is as simple as pulling a ring on the link, implement attachment is always quick and easy.





SPECIFICATIONS*

LOADER MODEL	931X	936X
Loader type	NSL	MSL
Lift capacity to maximum height lbs. (kg.) at pivot pin	3,420 (1,550)	2,770 (1,260)
Lift capacity to 59 inches lbs. (kg.) at pivot pin	4,150 (1,880)	3,390 (1,540)
Breakout force lbs. (kg.) at pivot pin	5,210 (2,360)	4,310 (1,950)
Lift capacity to maximum height lbs. (kg.) measured 31.5" (800 mm) forward of pivot	2,140 (970)	3,340 (1,520)
Lift capacity to 59 inches lbs. (kg.) measured 31.5" (800 mm) forward of pivot	3,020 (1,370)	3,430 (1,560)
Breakout force lbs. (kg.) measured 31.5" forward of pivot	3,540 (1,600)	3,660 (1,660)
Max. lift height in. (mm) measured at pivot	136 (3,454)	
Max. dump angle	50 Deg.	
Max. rollback angle	44 Deg.	
Max. rollback force @ 59 inches lbs. (kg.) measured 31.5" (800 mm) forward of pivot	4,370 (1,980)	4,350 (1,970)
Digging depth in. (mm)	5.9 (150)	
Tool attachment type	Skid Steer or Euro Hook Type	
Rated pressure PSI (bar)	2,828 (195)	
Loader weight lbs. (kg.)	735 (335)	865 (390)
Arm width in. (mm)	41 (1,040)	
Lift cylinders in. (mm)	2.8 (70)	
Bucket cylinders in. (mm)	2.8/1.6 (70/40)	
Raising time (Ground level to full height) sec.	4.8	4.1
Lowering time (Full height to ground level) sec.	3.2	2.6
Bucket dumping time (Full rollback to full dump) sec.	4.3	2.9
Bucket rollback time (Full dump to full rollback) sec.	2.9	2.9

MODEL	MF4708	MF4709	MF4710
ENGINE			
Rated Engine HP (kW) @ Rated RPM	80 (59.6)	90 (67.1)	100 (74.6)
Rated engine speed	2,200 RPM		
PTO HP (kW) @ Rated RPM**	68 (50.7)	78 (58.1)	88 (65.6)
Engine	AGCO Power™ 3-cyl, 3.3 L, intercooled turbo-charged, high-pressure common rail direct fuel injection (HPCR)		
Emissions control; EPA Tier 4-compliant	SCR Technology (post-combustion DEF), diesel oxidation catalyst (DOC)		
DRIVETRAIN			
Transmission type	Classic: 8F X 8R, 2 range, synco-shuttle, mechanical shuttle lever Deluxe: 12F X 12R, 2 range, power-shuttle, electro-hydraulic shuttle lever		
Clutch	Classic: 12F X 12R, 2 range, synco-shuttle, mechanical shuttle lever Deluxe: 12F X 12R, 2 range, power-shuttle, electro-hydraulic shuttle lever		
Rear axle	Flange type with internal planetary final drives		
Brakes	Internal wet disc, independently controlled via foot pedals		
Differential lock	Rear axle engaged via electro-hydraulic rocker switch		
Front axle	2WD – adjustable front axle; 4WD – cast steel fixed front axle with center drive line and combination bevel-gear/planetary final drives 4WD front axle differential lock – Classic: Autolock Deluxe: Hydralock		
DIMENSIONS			
Wheelbase in. (mm)	88.5 (2,250)		
Minimum width in. (mm)	Std. radial tires – rear 420/85R30, 60.3 (1,533)		
Base weight without ballast lbs. (kg.)	2WD ROPS: 6,445 (2,923) 4WD ROPS: 7,125 (3,232)		
DEF capacity gal. (L)	2.6 (10), plastic tank under platform, ground fill		
Fuel capacity gal. (L)	27.7 (105), plastic tank under platform, ground fill Deluxe: Additional fuel tank guard		

*Manufacturers estimate at time of publication, subject to change without prior notification.
 **With mechanical transmission

MODEL	MF4708	MF4709	MF4710
HYDRAULICS			
Hydraulic system	Open center system, single pump		
Hydraulic flow @ rear remotes gpm (lpm)	17.7 (65)		
Rear remote valves	Classic: 1 valve Std., DA, FL or Opt. 2 valves, factory installed, DA, KO, FL Deluxe: 2 valves, factory installed, DA, KO, FL or Opt. 3rd valve, field installed, DA, FL only All valves spring return to neutral (SRN)		
Loader joystick	Opt., mounted on platform, valve on loader sub-frame with flat-face couplers		
3-point lift capacity lbs. (kg.) full stroke @ 24" (610 mm) Behind ball ends	Category II, 4,850 (2,200)		
Rear PTO	Independent, electro-hydraulic engagement via switch, 540 and 1,000 RPM Std., 540 and 540E RPM Opt.		
OPERATOR'S AREA			
Electrical system	12-volt DC system, 80-amp alternator, 7-pin trailer socket Deluxe: Additional 30-amp auxiliary power socket		
Std. platform features	Semi-platform deck, folding ROPS, rubber mat, toolbox, L & R shields, grab handles		
Lighting (ROPS)	4 headlights, 2 rear signal/hazard lights, 1 rear work light Deluxe: 2 additional mid-mount adjustable work lights		
Std. Steering	Classic: fixed; Deluxe: tilt		
Std. Seat	Spring suspension mounted seat, adjustable fore and aft with mechanical weight adjustment, retractable seat belt		



Learn more at masseyferguson.us, or see your dealer for a demo.





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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 4700 Series tractor running like new.

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. AGCO Answers: (877) 525-4384 or agcoanswers@agcocorp.com



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