MASSEY FERGUSON

4600 Series | 80–99 engine HP

LOAD UP
on performance.

MASSEY FERGUSON

You know who you are. You're the ones who work the land. You're a parent. Son. Daughter. Manager. Inventor. Entrepreneur. And optimist.

In other words, you're a farmer. You raise dairy cows in Michigan. Corn in Illinois. Winter wheat out West. And Canola in Saskatchewan.

And you know what it takes to turn risk into reward. You know us too, going back six generations.

We're your first 3-point hitch. Your first self-propelled combine. Your first SCR emissions system. And the most productive CVT transmission in the world.

Today, you'll find us working on farms across five continents. One hundred and forty countries. And virtually every agricultural environment on earth. No one farms more crops, in more places, in more climates, worldwide.

And everything we learn, everything we know, we bring back home. To your land. To your farm. To your world.

MASSEY FERGUSON

A legacy of leading the way

It's an ageless truth–great ideas can come from anywhere. So over the past century and a half, Massey Ferguson has been searching the globe for the next great way to make every individual farmer more successful. Today, our proven resources, experience and technology have given us the edge in worldwide innovation. And everything we learn, we bring back home–to make your world more productive.

1840-1890

1847
In a humble tool shed in New Castle, Ontario, Daniel Massey begins manufacturing simple farm implements.

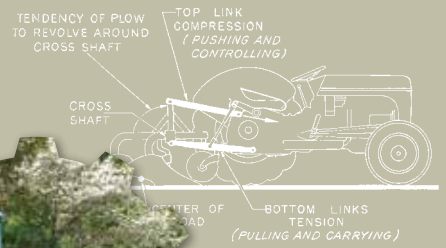
1855
The company enters a period of rapid growth, with the acquisition of proven American innovations such as the Ketchum grass mower and Massey combined hand rake reaper mower.

1867
The company's proprietary advances in harvesting equipment are chosen for display at the International Industrial Exhibition in Paris, France.

1891
Canada's top two farm equipment companies merge to form Massey-Harris Limited.

1900-1930

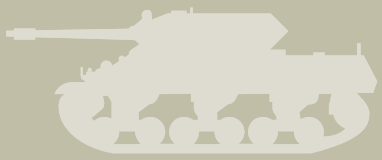
1926
Harry Ferguson patents the 3-point hitch. In various forms, it is still used on virtually all tractors today.



1930
Massey-Harris produces the General Purpose (GP) which was the first tractor designed and built by Massey-Harris.

1938
In Canada, Massey-Harris perfects the first self-propelled combine, with its own engine and power train.

1940-1960



1942
During World War II, Massey-Harris manufactures tanks, howitzers, wings for mosquito fighter-bombers, 40mm shells, naval gun mounts, and bodies for ambulances and troop carriers.

1946
Harry Ferguson opens the Banner Lane plant in Coventry, England, which grows to become the world's largest factory devoted solely to the production of tractors.

1953
Massey-Harris and Ferguson merge.

1969
Introduction of the first 4-wheel drive tractors, MF1500 & MF1800, powered by a Caterpillar V8 diesel engine.

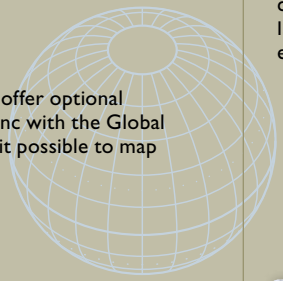
1969
The first V8-powered, fixed-frame row crop tractor–the MF1150–is introduced.

1970-1990

1978
The company's first compact tractor, the Massey Ferguson® 205, is introduced. In the same year, Massey Ferguson pioneers the electronic 3-point hitch.

1983
The "Equipment Manufacturers Institute" recognizes the Massey Ferguson self-propelled combine as one of the "100 Most Significant Contributions" to the mechanization of agriculture.

1987
Massey Ferguson showcases its exclusive Autotronic and Datatronic Systems, designed to enhance tractor control.



1992
Massey Ferguson combines offer optional yield meters operating in sync with the Global Positioning System, making it possible to map yields while harvesting.

1996
The Vario™ transmission was introduced in Germany, it becomes the forerunner of today's Dyna-VT™ – the most advanced Contentiously Variable Transmission (CVT) available and the world's most widely sold clutchless, stepless CVT.

1997
Massey Ferguson introduces the 8780 Class VI rotary combine, designed to satisfy the increasing demand for high performing, mechanically simple, reliable machines.

2000s

2006
Massey Ferguson and Hesston join forces to produce the new Hesston Series complete line of hay equipment.

HESSTON
by MASSEY FERGUSON

2006
Massey Ferguson adopts ISOBUS technology, becoming a leader in achieving "plug & play" capability with other ISOBUS- compatible equipment.

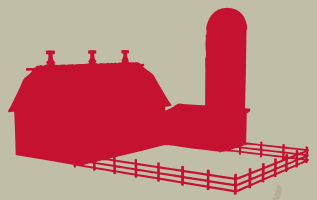
2009
Tested and proven in Finland at 40° below, the industry's first SCR system–e3™ clean air technology–is featured on powerful new Massey Ferguson 8600 Series tractors.

2009
Perfected in France, the company's new Dynamic Tractor Management (DTM) system is introduced, allowing the engine and transmission to work as one, by monitoring engine and transmission ratios to achieve an optimum match for any given task.

2010s

2010
Massey Ferguson introduces the model 9250 DynaFlex header. It features the industry's first draper header with a fully flexible cutterbar, delivering increased performance and capacity in soybeans and small grains.

2011
With the introduction of its state-of-the-art 9500 Series combines, Massey Ferguson brings North American harvesters ultimate capacity without complexity.



2013
Massey Ferguson introduces an all new utility tractor - 4600 Series - featuring a new 3-cylinder engine from AGCO POWER and power shuttle transmission.

TABLE OF OPPORTUNITIES

Introduction	7
Product Features	8
Engine and emission control	10
Power shuttle transmission	12
2WD, 4WD	14
Cab features	16
Operator's platform	18
Hydraulics, 3-point hitch & PTO	20
Service	22
Specifications	24
Welcome to the family	26

The Massey Ferguson 4600 Series

Welcome to a new level of productivity – and our best utility tractor yet.

With an advanced 12 X 12 power shuttle transmission and an all new 3-cylinder AGCO POWER engine that provides better torque and fuel-efficiency than many larger 4-cylinder diesels, the new 4600 Series has everything it takes to help you get the jobs done.

Co-developed by AGCO and its long-time partner, ISEKI & Co Ltd, these tractors represent another milestone in our 20-year partnership of providing farmers with the reliable, quality tools they need to excel.

Perfect for livestock farming, dairy, hay, and general all-around farm work, these exceptional loader tractors feature robust hydraulics, an integrated factory loader joystick and a spacious, comfortable operator's area.

As always, we've tapped into our worldwide resources, knowledge and technology to enhance these machines with innovative features that focus on your individual needs. Your individual farm. Your individual reality.

So read on. And let us show you why the 4600 Series is everything a utility tractor should be. And then some.

More power, performance and productivity.

You spoke. We listened. Now let's get to work.

The 4600 Series provides exactly what farmers have been asking for – a utility tractor that's powerful, agile, versatile and comfortable. Here are just a few of the ways we've raised the bar with the 4600 Series.

All new AGCO POWER engine
Completely new from the oil pan up, our EPA Tier 4i compliant AGCO POWER 3.3L turbocharged engine is the strongest production 3-cylinder off-road diesel in the world today. It provides BIG engine torque that guarantees you'll have the power you need – when you need it. The fact is, our new 3-cylinder diesel is actually more powerful than some equivalent 4-cylinder engines.

Maintenance-free emissions system
Exhaust Gas Recirculation (EGR) with a Diesel Oxidation Catalyst (DOC) keeps emissions low while preserving power. And unlike our competitors, there's no Diesel Particulate Filter (DPF) to regenerate. That saves you time and fuel, without generating excessive heat.

Enhanced power shuttle performance
With 12 forward and 12 reverse speeds, this new transmission adds the comfort and convenience of going from forward to reverse and back again, without having to use the foot clutch.

Best-in-class hydraulics
The exceptionally high hydraulic flow on the 4600 Series means faster cycle times for loaders and other hydraulic implements – and greater productivity.

Open station platform or spacious cab
The platform version of the 4600 Series features a completely flat rubber-coated floor and a two-post ROPS that lets you work easily in confined or height-restricted spaces. The cab configuration features two wide doors, loads of climate-controlled creature comforts and outstanding visibility.

MODEL	ENGINE	DISPLACEMENT	HORSEPOWER	TRANSMISSION
MF4608	AGCO POWER model 33AWIC 3-cylinder, liquid cooled turbocharged diesel	3.3 Liters (201 cubic in.)	80 engine hp 63.5 PTO hp	12 x 12 power shuttle 6 gears, 2 ranges
MF4609	AGCO POWER model 33AWIC 3-cylinder, liquid cooled turbocharged diesel	3.3 Liters (201 cubic in.)	90 engine hp 72 PTO hp	12 x 12 power shuttle 6 gears, 2 ranges
MF4610	AGCO POWER model 33AWIC 3-cylinder, liquid cooled turbocharged diesel	3.3 Liters (201 cubic in.)	99 engine hp 80 PTO hp	12 x 12 power shuttle 6 gears, 2 ranges

See complete specs on page 24.

Transmission features six fully synchronized gears for smooth, easy shifting on the roll.

Big engine muscle from just 3-cylinders.

We know what you're thinking. More cylinders means more power, right? Well think again.

The truth is, TORQUE is the key to an engine's ability to work – not the number of cylinders. Torque turns the gears in the transmission. Torque digs your tires into the ground. Torque keeps your mower cutting, even in heavy grass. And the advanced design of our new Tier 4i AGCO POWER 33 AWIC engine family generates torque levels that exceed comparable 4-cylinder engines.

No other production 3-cylinder compares.
AGCO POWER has a long history of producing innovative, powerful and efficient engines. In fact, off-road diesel engines are the only kind we build. While this water-cooled 3.3L 33 AWIC diesel is completely new, it incorporates much of the proven technology used in other AGCO POWER engines. And it's been subjected to the same rigorous attention to design and quality control.

Let's take a quick look at some of its key features.

Four valves per cylinder
Having 4 valves per cylinder provides better air flow through the engine for improved engine breathing. This achieves a better fuel/air mixture for more complete combustion. The result – greater power, lower emissions and improved fuel economy.

High pressure direct fuel injection
Our new Bosch high pressure common rail direct fuel injection system uses extremely high pressure – more than 23,000 PSI at the injector tip– to atomize the fuel during injection for optimum combustion and power output.

Wastegate Turbocharged and intercooled
As part of the aspiration process, these engines use a wastegated turbocharger to force more air into the cylinder. An air-to-air heat exchanger cools the compressed air before it enters the cylinder. The cool, dense air has more oxygen to increase combustion potential for more power and performance.

Electronic engine control
SisuTronic EEM4 – the latest generation of electronic engine management from AGCO POWER – monitors every aspect of engine operation and adjusts fuel flow, injection timing and other functions to optimize power and save on fuel.

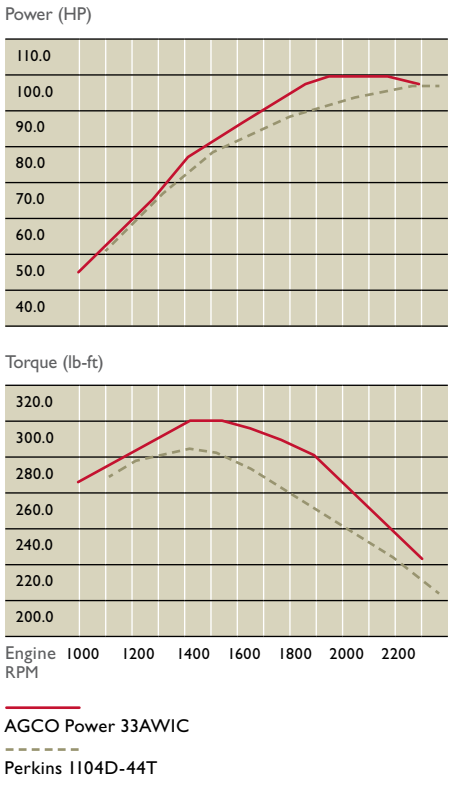
Wet cylinder liners
An exclusive feature of AGCO POWER engines, these replaceable wet cylinder liners with mid supports improve engine cooling and keep service costs down.

Tier 4i emissions control that's maintenance-free.
Meeting EPA standards is difficult enough. Maintaining your emission system shouldn't be. Every 4600 Series tractor is equipped with an Exhaust Gas Recirculation (EGR) system and a Diesel Oxidation Catalyst (DOC) to help meet emissions requirements.

The system not only works hard to keep emissions low while preserving power, it requires absolutely no maintenance.

And, unlike the competition, we don't have an exhaust filter that needs to be cleaned or replaced. There's no Diesel Particulate Filter (DPF) on a 4600 series tractor, so there's no need to regenerate it. That saves time and fuel and reduces heat build-up in the exhaust system. Just put in your fuel and drive.

Bench test horsepower and torque curves show that the 3-cylinder 33 AWIC engine in the 4600 series outperforms the 4-cylinder Perkins 1104D-44T engine in our preceding 2600 HD series, across the board.



Front end loaders feature quick-attach design for easy loader removal. Available skid steer quick attachment offers quick changing of loader tools (bucket, bale spear, etc.)

Power shuttle performance that saves the day.

The comfort and convenience that a power shuttle transmission provides can't be overstated. And that's an understatement.

The simple ability to go from forward to reverse repeatedly, without clutching, greatly diminishes your fatigue when expanded over a long workday on the farm. And our new 4600 Series utility tractors now bring you that feature on all three models.

The shuttle lever is located on the left side of the steering wheel column, within easy reach. An electronically controlled wet multi-disc clutch lets you change direction with a simple movement of the lever. No foot clutching is required.

Ideal for loader work, these tractors offer 12 forward and 12 reverse speeds. Two mechanical transmission levers are located at the front right side of the operator's seat – one controlling a 6-speed gearbox and one controlling high-low range selection. All six gears are fully synchronized so you can shift smoothly while on the roll, using the foot clutch.

Electronic PTO engagement can be modulated for fast, aggressive engagement or soft, slow engagement of PTO-driven implements.

The 4WD front axle design provides a high ground clearance to straddle heavy windrows, and a high steering angle for maneuverability.

2WD or 4WD, it's one productive tractor.

Whichever version you choose, you'll get reliability you can count on.

The Massey Ferguson 4600 Series comes in a variety of configurations. And whether you choose the simplicity and affordability of a 2WD front axle, or the added control and capabilities of 4WD, you'll get the performance you need to suit the jobs at hand.

Our 2WD axle features a simple adjustable box-in-box design, with hydraulic power steering.

The 4WD axle features a solid cast steel housing with a center differential and outboard final drives with a combination of bevel gear and planetary reduction. This approach provides outstanding capacity to handle heavy front end loader work with excellent maneuverability. A powerful hydraulic steering system helps make operation easy, even under heavy load. The 4WD front axle engages mechanically via a simple hand lever.

The rear axle on the 4600 Series also incorporates a heavy cast steel design, with inboard planetary final drives and flange axle hubs. Internal wet disc brakes provide great stopping power, and a mechanical differential lock offers additional traction in wet, sloppy conditions.

All 4600 Series tractors utilize a bevel gear design and incorporate planetary reduction to improve low-end torque and increase the service life of the axle.

Modern, sloped hood design, side exhaust, and elevated platform provides exceptional visibility in all directions.

Hardworking creature comforts.

What good is a tractor that's built to keep on working, if it isn't designed to help you do the same?

Twin doors on either side of the cab with steps offer entry and exit from either side of the tractor. 27 gallon fuel tank under platform offers convenient ground level fueling.

By definition, a utility tractor should perform for the long haul. So we've also made sure the 4600 Series operator experience keeps you from getting worn out before the job is done.

The platform on the open station design is set up high for great visibility in all directions and allows for a completely flat deck. The floor is rubber coated to reduce noise and vibration. A suspended vinyl seat with armrests, tilt steering wheel and weather resistant controls keep you comfortable and productive. And our two-post, folding ROPS lets you easily work in tight spaces and height-restricted areas.

The large, 6-post, climate-controlled cab also sits up high for outstanding visibility and features two wide-opening doors with footsteps on both sides for easy in-and-out. Plus a suspended cloth seat with arm rests, tilt steering wheel, controls right where you want them and an analog/digital dash to monitor the tractor's operation.

The front wiper and roof-line work lights, front and back, will help keep you going day or night. A rear wiper is available as an option.

MASSEY FERGUSON
MASSEY FERGUSON

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17

It just feels right.

A place for everything. And everything in its place.

1 Hand Throttle

2 Loader Joystick

3 6-speed Gear Shift

4 3-pt Position Control

5 PTO Engagement

6 3-pt Draft Control

7 Remote Valve Levers

8 12v Plug

9 2-speed Range Lever

10 Folding Armrests

11 Suspended Seat

12 4WD Lever

13 Differential Lock Pedal

14 Flat Foot Deck

15 Tilt Steering Wheel

16 Power Shuttle Lever

17 Fuel Fill

Single-piece hood raises up for full access to engine. All serviceable items (battery, air filter, etc.) are positioned for easy access and maintenance.

Everything about the 4600 Series operator's area just makes sense, so it makes for a more productive experience, every time you climb on board.

Best-in-class hydraulics.

No matter what the task or implement, the 4600 Series has the high-performance hydraulics to handle it.

A substantial hydraulic flow gives these machines the brawn to power front loaders and other hydraulic implements with ease.

An open center hydraulic system with gear-type pump delivers 17.1 gpm (65 lpm) of total flow to the implement hydraulics, so loader and implement cycling times are faster and productivity increases.

The independent rear PTO on every model is engaged electro-hydraulically via a simple twist-knob, and features a wet multi-disc clutch that's exceptionally durable, to ensure long service life. Two PTO speeds are standard: 540 RPM with standard 1 3/8-inch 6-spline shaft, and 1000 RPM with standard 1 3/8-inch 21-spline shaft. Both shafts are included with each tractor.

The PTO button works the same as in our compact tractors (just push and twist), and it's situated on the right-hand console within easy reach.

The PTO button is within easy reach.

Our integrated loader joystick makes operation easy.

Our electronic rear 3-point hitch features electronic positioning and draft control. Adjustable lower link arms with extendable category II ball ends have a lift capacity of 3,417 lbs. (1550 kg) at 24 inches. An optional high-lift kit increases the lift capacity to 4408 lbs. (2000 kg) at 24 inches. A hand lever in the right hand console gives the 3-point hitch a mechanical feel while providing electronic precision. All it takes is a simple, intuitive motion to raise or lower the implement. Draft sensing is also standard equipment.

A factory-installed hydraulic loader joystick
The integration of the joystick into the console keeps the design smooth and makes operation easy. And hydraulic valves at the tractor's mid-point simplify loader connection.

Remote hydraulic valves
2WD tractor models feature one rear remote valve as standard equipment, and 4WD models have two. However, all tractors can support up to three rear remote valves for powering implements and attachments. The rear valves are mechanically operated with control levers located in the right hand console. Customers have a choice of spring return to neutral (SRN) valves, float (FL) valves, or kick out and float (KO/FL) valves to match the needs to the job at hand.

It's off to work we go.

Specifications	MF DL250 Loader	MF DL260 Loader*
Tractor compatibility	MF4608	MF4609, 4610
Max. lift capacity @ pivot pins lbs (kg)	3,250 (1474)	3,625 (1,644)
Max. lift capacity @ 31" forward lbs (kg)	1,990 (903)	2,536 (1,150)
Max. lift height @ pivot pins in. (mm)	123 (3,124)	128 (3,251)
Max. breakout force @ 31" forward lbs (kg)	3,075 (1,395)	3,540 (1,606)
Rated hydraulic pressure	2,800 psi	2,800 psi

**Available in mechanical self-leveling*

Invest wisely

Massey Ferguson has built a worldwide following by building machines that last.

At Massey Ferguson, you're family. And there's nothing we wouldn't do for family.

We go the extra mile right from the start, to make sure our tractors go the extra mile for years to come. Rest assured, if you ever decide to trade in your 4600 Series tractor, you can count on resale values to stay high.

Low-rate, flexible financing
Your Massey Ferguson Dealer and AGCO Finance offer attractive financing programs to make sure a new 4600 Series tractor will fit your operating budget. Extremely competitive rates and terms make it easy to purchase, lease or rent.

We're always at your service
If you're like most farmers, when you find that perfect piece of equipment, it becomes almost like part of your family. And when you buy a 4600 Series tractor, you instantly become part of ours. Our network of dealers understands what owning a hardworking utility tractor really means. They'll advise and support you through the selection process, the buying process, and through operation, maintenance and beyond. Equally important, they realize you have to be able to depend on them 24 hours a day, seven days a week.

All-inclusive warranty
Even our warranty is high-performance. It provides 2 years / 2,000 hours of full coverage on all parts and labor. And it's backed by dealers who understand how to help you make the most of it.

Quality parts
Genuine Massey Ferguson replacement parts are manufactured to the same high standards of quality and dependability as the original part used on the assembly line. Using original equipment parts will help keep your 4600 Series tractor running like new.

Questions?

Go to masseyferguson.us
Our website opens the door to all sorts of technical information and product specifications. If you can't find what you're looking for, click on "contact us" and we'll provide you with access to folks who can get you all the answers.

The doors are open at ShopMassey.com

You'll find all sorts of ways to live Massey Ferguson, from the latest in wearables to gifts for the entire family. And some good old-fashioned bargains, too.

Join the clubs

Massey Ferguson Enthusiasts of North America has grown from just 59 members in 2001 to almost 600 members today. They publish a newsletter five times a year and hold annual get-togethers at well-known tractor shows. Join today; visit fergusonenthusiasts.com. The Ferguson Club is an international, independent members' club established in 1986 to promote and disseminate information and interest in the work of the late Harry Ferguson, Ferguson products and in particular, the "Ferguson System." **fergusonclub.com**
The Friends of Ferguson Heritage Ltd. exists to encourage and assist enthusiasts in their interest in the engineering achievements of the late Harry Ferguson. **fofh.co.uk**

AGCO Answers

At AGCO, customer care isn't just a department. It's a commitment. Contact us with your questions. We'll do our best to answer them promptly, or put you in touch with someone who can.
AGCO Answers (877) 525-4384
agcoanswers@agcocorp.com

The Massey Ferguson *Farm Life* magazine is our exclusive publication that offers news, interviews and insights into all the joys—and challenges—of farming.

Join the conversation.

Engage.
facebook.com/AGCOcorp

Follow.
twitter.com/AGCOcorp

Watch.
youtube.com/AGCOcorp

Learn.
blog.AGCOcorp.com

Model	4608	4609	4610
Engine Performance			
PTO HP @ 2000 RPM (kW)	63.5 (47.4)	72 (53.7)	80 (59.7)
Rate Engine Power @ 2200 RPM HP (kW)	80 (59.7)	90 (67.1)	99 (73.8)
Engine make / model	33 AWIC by AGCO POWER, Tier 4i compliant		
Cylinders / displacement L (CID)	3-cylinder / 3.3 (201)		
Aspiration / charge cooling	Turbocharged & intercooled		
Fuel system	SisuTronic electronic engine management, high pressure common rail, direct injection		
Emissions control	External Exhaust Gas Recirculation (EGR), Diesel Oxidation Catalyst (DOC)		
Fuel capacity Gal (L)	27 (105), under platform for ground fill		
Transmission			
Type	12F x 12R Power shuttle		
Speeds	6 synchronized gears, 2 ranges		
Shuttle	Electronic via left hand control lever		
Rear 3-point Hitch			
Type / ASAE category	Category II with postiion and draft control		
Lower draft arms	Extendable ball ends		
Lift capacity @ 24" lbs (kg)	3,417 (1,550) standard; 4,409 (2,000) optional		
4wd Front Axle			
Type	Cast steel housing with center drive line with combination bevel gear and planetary final reduction		
Drive engagement	Mechanical engagement via hand lever		
Rear Axle			
Type	Flange axle with internal planetary final drives		
Differential lock	Mechanical engagement via foot pedal		
Braking	Independent, internal wet multi-disc brakes		
Power Take Off (PTO)			
Type	Independent, electronically engaged		
Speeds	540 / 1,000 RPM standard		
Hydraulics			
System type / system flow gpm (Lpm)	Open center system / 23.7 (90)		
Standard flow at remotes gpm (Lpm)	17.1 (65)		
Rear remote valves	1 or 2 standard, up to 3 possible		
Loader joystick option	Optional, console integrated, with mid valves and couplers		
Operator's Area			
Open station	Flat deck with rubber mat, folding ROPS		
Cab	6-post ROPS, flat deck with rubber mat, HVAC, front wiper, two doors		
Steering / seat	Deluxe suspended seat with folding armrests and retractable seat belt, tilt steering		
Lighting	Roofline flood lights: 2 front, 2 rear (cab only)		
Electrical system	12 volt DC system, 95 amp alternator		
Dimensions			
Height over cab in (mm)*	100.4 (2,550)	102.4 (2,600)	
Overall length in (mm)	150.2 (3,815)	152.6 (3,875)	
Wheelbase in (mm)	88.5 (2250)		
Min. width at fenders in (mm)	78.7 (2,000) depending on tire size		
4wd ROPS shipping weight lbs (kg)	6,063 (2,750)	6,394 (2,900)	6,503 (2,950)
4wd cab shipping weight lbs (kg)	6,503 (2,950)	6,835 (3,100)	6,945 (3,150)

*Can vary depending on tire size

MASSEY FERGUSON
4608
MASSEY FERGUSON
DL250

Our world is your world

Today, Massey Ferguson spans the globe, with 5 million tractors and 350,000 combines on farms worldwide. In fact, someone buys a Massey Ferguson tractor every five minutes. Maybe that's because with each and every sale, we make a singularly powerful commitment to helping each and every farmer fulfill their individual goals.

Whether this is your first Massey Ferguson purchase or just one of many, you can count on us to be there for you with the ongoing support you need.

MASSEY FERGUSON
Welcome to the family.

MASSEY FERGUSON

4600 Series

masseyferguson.us

AGCO Your Agriculture Company

MASSEY FERGUSON is a worldwide brand of AGCO.

AGCO, Your Agriculture Company, is a premier manufacturer of agricultural equipment, providing high-tech solutions for professional farmers feeding the world. The company is dedicated to delivering superior customer service, innovation and quality. AGCO products are distributed in more than 140 countries worldwide.

We proudly support:

Farm Safety Just Kids

FSC www.fsc.org MIX Paper from responsible sources FSC® C010364

AGCO ANSWERS

(877) 525-4384 agcoanswers@agcocorp.com

©2013 AGCO Corporation. All rights reserved. Specifications and depictions shown herein are subject to change without notice and may differ from actual equipment. Equipment produced by other manufacturers shown herein is for illustration purposes only and is not intended to be an endorsement of any particular equipment or its suitability.
AGCO Corporation, 4205 River Green Parkway, Duluth, GA 30096. (877) 525-4384 • MF13B005TCG (08) 15PD