

HP  
72-130 | MF400 Xtra  
ADVANCED INFORMATION



VISION INNOVATION LEADERSHIP QUALITY RELIABILITY SUPPORT PRIDE COMMITMENT

The New Generation



**MASSEY FERGUSON**

# Built with passion and pride for over 40 years

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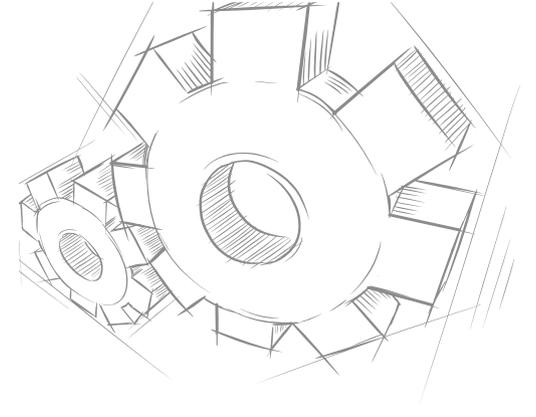
The most up-to-date manufacturing facilities coupled with a highly-skilled workforce ensure that every Massey Ferguson machine is produced to the highest quality and ready for years of hard work.

MF tractors have been built at the Canoas manufacturing facility in Brazil for over 40 years. Today, the

plant is the largest tractor factory in Latin America responsible for 70% of Brazil's tractor exports and over half the country's total tractor output.

Each year more than 20,000 tractors are built to order which means that each machine is dealt with on an individual basis by the Canoas workforce.

You can be assured of the finest quality tractors built with pride and passion.



# Improving on perfection

We go a long way to design the perfect tractor, sometimes it's just a matter of taking what we already know and adding a little Xtra!

Rugged, dependable and hard working. The new MF 400 Xtra from Massey Ferguson is the newest, most up-to-date addition to the mid-horsepower sector.

Continuing on from the success of the MF 400 Series, upgraded features combined with tried and tested design has revolutionised this machine; the MF 400 Xtra is now the first choice amongst farmers and contractors.

The MF 400 Xtra Series now offers a range of upgraded features – some subtle, others more obvious – designed to provide higher levels of productivity, greater operator comfort and improved durability.

The MF 400 Xtra Series has been designed and built to cope perfectly with the most diverse tasks and harshest environments, making it the ultimate workhorse.

Model	Max hp	Engine	No. of cylinders	Transmission
MF 435 Xtra	72	1104.4C Tier II	4	8x2 or 12x4 Side Shift
MF 440 Xtra	82	1104.4C Tier II	4	8x2 or 12x4 Side Shift
NEW MF 455 Xtra	100	1104.4C Tier II	4 Turbo	12x4 Side Shift
NEW MF 460 Xtra	110	420DS Tier II	4 Turbo	12x4 Side Shift
NEW MF 470 Xtra	120	420DS Tier II	4 Turbo	12x4 Side Shift
NEW MF 480 Xtra	130	420DS Tier II	4 Turbo	12x4 Side Shift



# Simplicity is the key

The key to productive farming is simple, reliable, efficient machinery. MF 400 Xtra Series is a pleasure to own, maintain and drive. You can expect an excellent range of features specifically designed with you in mind.

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Powerful, high-torque, fuel efficient diesel engines and rugged, heavy-duty transmissions – as found throughout the Massey Ferguson tractor range – form the heart of the MF 400 Xtra Series line-up, with two-or four-wheel drive options available.

Simple to operate, easy to maintain and built to last, these versatile tractors have many new features as well as the usual enduring Massey Ferguson attributes.

Designed and engineered to handle a wide range of tasks with ease, whilst total peace of mind is assured by Massey Ferguson's renowned worldwide service and parts network.

#### **MF 400 Xtra Series - key features**

- **NEW** modern Massey Ferguson styling including new easy-to-lift hood for accessible servicing and maintenance
- **NEW** AGCO SISU POWER engines\*



- **NEW** Sideshift gear selection (12x4 only) for easy operation
- Easy-to-use 8x2 and 12x4 mechanical transmission lets the operator select the intended speed effortlessly, for improved output and productivity
- Strong front and rear axles with heavy-duty epicyclic reduction units for maximum traction
- **NEW** hydraulically operated oil immersed braking system provides excellent braking efficiency and improved safety
- **NEW** side exhaust design and reduced noise levels
- **NEW** New increased hydraulic lift capacity (max 3,800kg)
- **NEW** hydraulic controls for safer operation and maximum efficiency
- Improved hydraulics system for accurate control and precise oil flow
- **NEW**, more user-friendly dash panel and surround
- Ergonomically designed controls for easy operation
- Choose between semi-platform and cab versions

\* Available on MF 460, 470 & 480 Xtra



# Power without compromise

Higher horsepower MF 400 Xtra Series tractors come with new AGCO SISU Power engines as standard which means they enjoy the same extraordinary benefits as the latest Massey Ferguson machinery.

For powerful performance, high-torque and the ultimate in productivity, Massey Ferguson choose only the best engines.

Based in Nokia, Finland and Mogi, Brazil, AGCO SISU Power have been at the forefront of superior engine design and manufacture since 1942. With total worldwide production nearing 50,000 engines per year, AGCO SISU Power is constantly growing and evolving to provide Massey Ferguson with industry leading, highly-efficient, reliable, environmentally sound engines.

AGCO SISU POWER's new R&D laboratory utilises the latest automation and technology for development and testing of ever more advanced and powerful engines. AGCO SISU POWER's quality and environmental systems are certified according to the ISO 9001 and ISO 14001 standards.

## **State-of-the-art facilities**

Investments into the Finish and Brazilian operations has meant that AGCO SISU Power has two of the world's most modern diesel engine plants.

Unmatched production flexibility allows engines to be customised according to individual customer specifications. AGCO SISU POWER's advanced production technology is designed to flexibly produce all strategic components. State-of-the-art production lines can adapt to meet assembly needs according to requirement.

AGCO SISU POWER offers a wide selection of engines to meet a broad range of applications. Models over 100 hp in the MF 400 Xtra range boast a 4-cylinder turbo engine that offers extremely powerful, high-torque output. Each engine is customised to optimise the working conditions and power needs of the application. You can be assured that each engine within the MF 400 Xtra range has been tested to its limit and designed for an extreme range of climates and conditions – from the blistering heat of Africa and the Middle East to the harsh winters in Northern Europe.

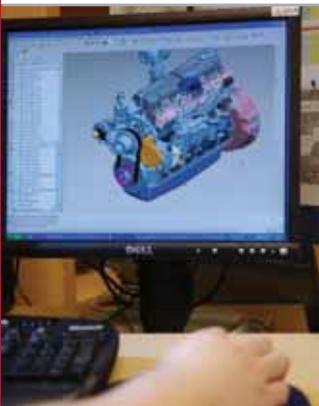
For added flexibility, AGCO SISU POWER engines deliver uncompromised performance when run on conventional fuels and 100% biodiesel.

## **A respected worldwide brand for engines**

Leading brands of advanced machinery and equipment choose AGCO SISU POWER engines for their power, reliability and clean running characteristics. Quality materials and advanced manufacturing processes ensure excellent reliability.

## **Global service network**

AGCO SISU POWER engines are backed by an extensive global network of service resources. All Massey Ferguson dealers have access to the complete range of service manuals, bulletins and parts making it easier to keep equipment working at peak performance anywhere in the world.



# Service and support

AGCO Customer Support...proudly providing local service to the global brand

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Massey Ferguson is a truly global brand with machines operating all over the world, from revolutionary "little grey fergie" tractors to the latest high-tech tractors and combines. Have you ever wondered how we continue to provide industry-leading parts and service support to such a vast array of machines and technologies across the globe?

Behind every Massey Ferguson machine is the powerful aftersales support of AGCO's Customer Support organisation.

Our main aim is to ensure that every machine - old or new - is fully supported locally, offering every Massey Ferguson owner:

- The best service in the industry
- Low cost of ownership
- A reliable and durable machine
- Minimum machine downtime
- A high resale value

## **State-of-the-art warehousing and logistics from AGCO Parts**

Of course, every Massey Ferguson dealer is fully backed-up by the AGCO Customer Support organisation which provides industry-leading parts supply through AGCO Parts' state-of-the-art warehousing and logistics. With outstanding service levels, overnight delivery and inventory covering all Massey Ferguson machines - even those over 10 years old - we only ever supply genuine parts, and we guarantee the right fit, first time.

## **The right aftersales solution whatever the age of machine**

Whatever the age of your Massey Ferguson machine, AGCO Customer Support has the right aftersales solution to save time & money, providing appropriate, affordable and reliable servicing and maintenance solutions in every situation.

## **Practical local support where you need it**

AGCO places great emphasis on providing the best service to our Massey Ferguson dealers and this extends beyond the exceptional servicing and maintenance solutions and parts supply:

- Expert training and specialist equipment
- Advanced diagnostic techniques
- Information retrieval technology to communicate the very latest parts and service information
- Highly skilled technical support groups

With aftersales support from AGCO Customer Support, it's not just about supplying a filter or doing an oil change. It's about providing the best solution to our customers' needs, wrapped up with industry-leading parts and service support.

Engine power		MF 435 Xtra	MF 440 Xtra	MF 455 Xtra	MF 460 Xtra	MF 470 Xtra	MF 480 Xtra
Maximum hp	ISO hp (ISO kW)	72 (53.7)	82 (61.1)	100 (74)	110 (81.4)	120 (89.5)	130 (96.5)
Max. torque	*Nm	267	288	415	425	470	525
@ rev/min		1400	1400	1400	1400	1400	1400

## Engine

Water cooled, direct injection diesel	Type	1104.4C Tier II	1104.4C Tier II	1104.4c Tier II	420DS Tier II	420DS Tier II	420DS Tier II
Capacity	Litres	4.1	4.1	4.1	4.4	4.4	4.4
Number of cylinders		4	4	4	4	4	4
Aspiration		Natural	Natural	Turbo	Turbo	Turbo	Turbo

## Transmission

Type	8x2 sliding spur centre shift	●	●	-	-	-	-
	12x4 synchromesh side shift	○	○*	●	●	●	●

## Power take-off

Live Single Speed 540		●	●	●	●	●	●
IPTO Single Speed 540		○	○*	○*	○*	○*	○*
IPTO Two Speed 540/1000		-	-	○	○	○	○

## Linkage and hydraulics

Ferguson System Mechanical Control	Max Oil Flow/Pressure (litre/min /bar)	17/210	17/210	17/210	17/210	17/210	17/210
Max Lift Capacity		2500	2500	3800	3800	3800	3800
Auxiliary Hydraulics	Max Oil Flow/Pressure (litre/min /bar)	42/170	42/170	42/170	42/170	42/170	42/170
Standard Spool Valves		1 D/A	1 D/A**				

## Standard wheels and tyres

Front 2wd Pressed wheels		7.50-16	7.50-16	9.00-16	9.00-16	-	-
Front 4wd Pressed wheels		12.4-24	12.4-24	14.9-24	14.9-24	14.9-24	14.9-24
Rear HD Pressed wheels		18.4-30	18.4-30	18.4-34	18.4-34	18.4-34	18.4-34

## Weights and dimensions

Length	m	4.13	4.13	4.27	4.63	4.63	4.63
Height over Exhaust	m	2.58	2.58	2.64	2.64	2.64	2.64
Wheelbase	m	2.37	2.37	2.37	2.73	2.73	2.73
Weight	kg	2870	3040	4070	4210	4210	4210
Fuel Tank Capacity	Litres	100	100	100	200	200	200

\* Standard on cab versions

\*\* Two spool valves standard on cab versions

# MF 400 Xtra highlights

The Massey Ferguson 400 Xtra Series is proving to be the perfect combination of power and simplicity. Take a look at just some of the outstanding features that this new, mid horsepower tractor has to offer.

- 01 The MF 400 Xtra is based on world-renowned, superior Massey Ferguson 400 Series. This upgrade further enhances its already steadfast reputation as a first-class, top quality machine.
- 02 Built at the Canoas manufacturing facility in Brazil with over 40 years of research, design and build expertise.
- 03 Six models available, all with a wide range of performance enhancing features including mechanical transmissions, side-shift gear selection, a new hydraulics system and a 3,500kg maximum lift capacity.
- 04 Stylish new bodywork and interior controls have been designed specifically to benefit the operator.
- 05 The higher horsepower range come with AGCO SISU POWER engines as standard for maximum power and productivity.
- 06 Whether you're a small holder or large scale contractor, the MF 400 Xtra is robust enough to cope with the toughest conditions and applications.
- 07 Strong front and rear axles with heavy-duty epicyclic reduction units for maximum traction.
- 08 A choice of semi-platform and cab versions are available.
- 09 Buying an MF 400 Xtra means you'll be part of Massey Ferguson's complete aftersales support network. You'll receive practical, local support for the life of the machine; wherever you are, when you need it most.

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