



MASSEY FERGUSON

210 HP

MF 9130 PLUS

Self-propelled Sprayer





The joy of simplicity

At Massey Ferguson, we understand the need for simplicity. Each feature of the MF 9130 Plus self-propelled sprayer has been designed, tried and tested to meet your needs.

Delivering precision, capacity and comfort, this is straight-forward machinery to cover more hectares per day while minimising operating costs.

To meet the demand in the market for a robust, entry level machine, Massey Ferguson introduces the MF 9130 Plus self-propelled sprayer to Australia and New Zealand. Designed for small and medium sized applications, operators will appreciate its simplicity, strength and value.

The MF 9130 Plus is synonymous with technology, durability and performance. Manufactured in Canoas, Brazil for over six years, this machine has proven tremendously successful in the rigorous South American conditions.

From the proven 6 cylinder AGCO POWER engine to the Bosch Rexroth hydraulics, the MF 9130 Plus Sprayer has been built to provide years of trouble free running.

The heart of the beast

The excellent build quality and latest engine technology guarantees optimum fuel efficiency, maximum power, reliability and longevity.

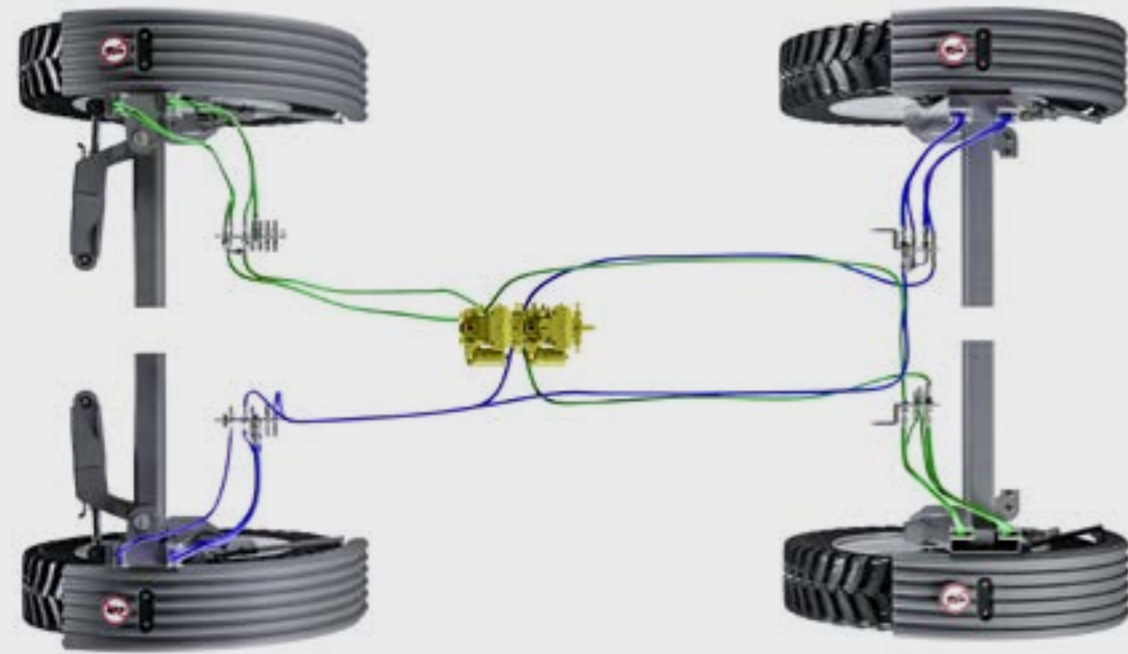
Precision engine performance

The MF 9130 Plus is equipped with the distinguished AGCO POWER 6.6 litre Tier 3 engine.

With unmatched fuel economy when coupled to the machine's hydrostatic drive system, the power and torque characteristics of this machine surpass that of its competitors.

The engine is programmed to create maximum torque where the drive system requires, providing healthy torque at low revs with 210 HP and 790 Nm of torque at 1,800 rpm.





Hydrostatic Drive System

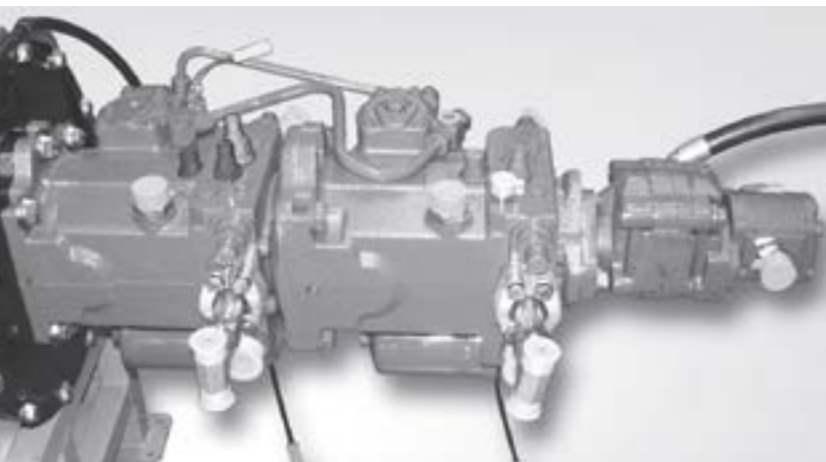
A feature unique to the MF 9130 Plus is the addition of the DA (double acting) valve to the hydrostatic drive system.

Most hydrostatic machines require 26 bars of pressure from the pumps before the wheel motors will accept oil, this in turn results in the engine running at over 2,000 rpm and in some cases, up to 2,500 rpm.

The DA valve allows the wheel motors to accept oil at seven bars which occurs at a low 1,250 rpm. The MF 9130 Plus differs when the system hits 26 bar pressure at 1,800 rpm, allowing full torque from the engine and transmission providing fuel economy normally unseen in a hydro sprayer.

Cross Drive Transmission

The key to an efficient day's work is choosing reliable machinery that will help you get more done in less time over a range of tasks.

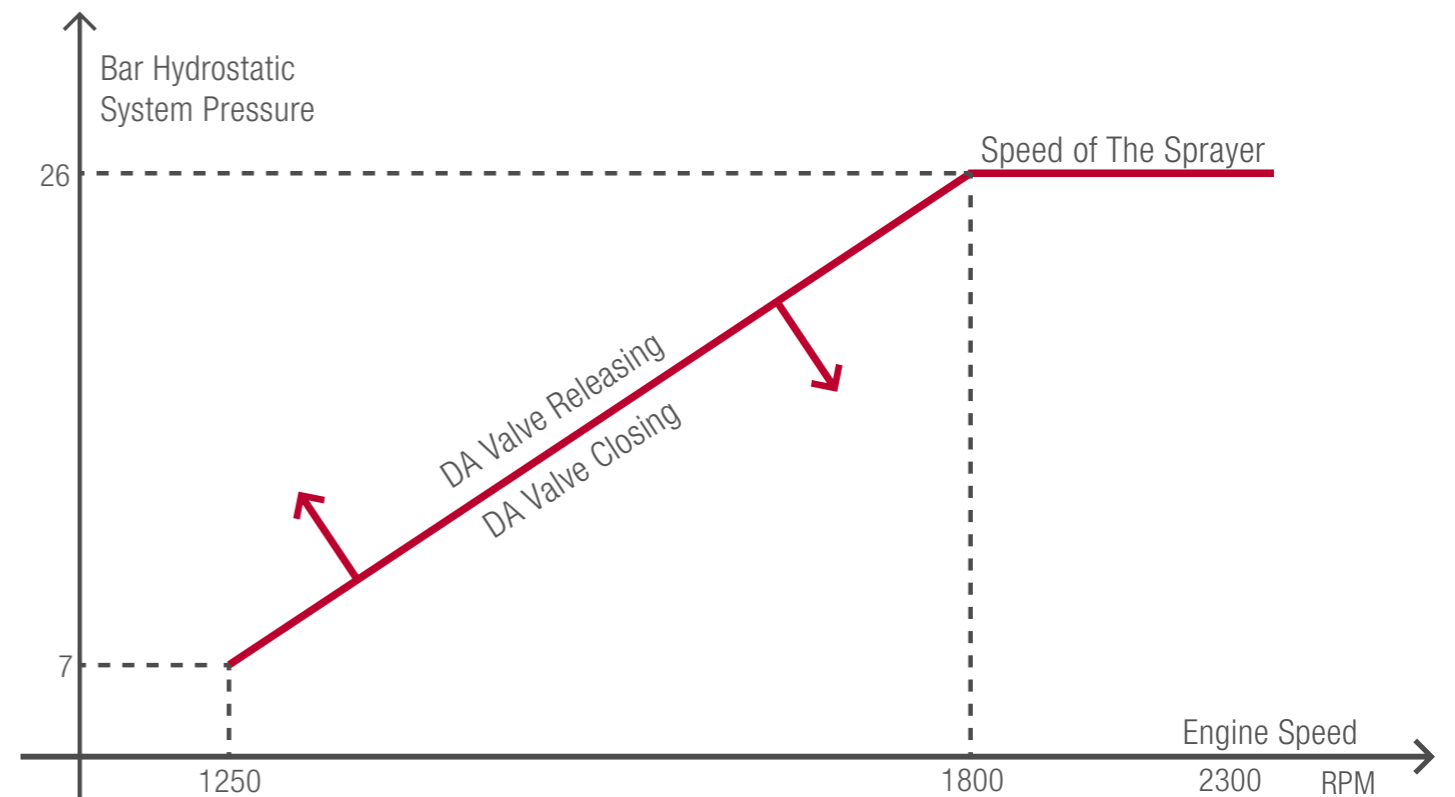


The MF 9130 Plus utilises Bosch Rexroth components in its effective cross drive transmission.

Undulating country, hills and boggy paddocks are a breeze, with huge amounts of torque and no loss of traction, the sprayer gives you the control in even the toughest conditions.

Two large capacity 90cc variable displacement pumps drive opposing wheel motors on the front and rear of the machine.

The hydrostatic drive system has a poly link between the flywheel and the first pump, providing a fail-safe in the event of a pump failure.



C-Flex Chassis

A sprayer covers demanding conditions, and a tough chassis is the assurance the operator needs to guarantee safety on any given day.

Stay Grounded

The fully bolted C-flex chassis gives the MF 9130 Plus the ability to traverse channels, banks and contours most would not attempt.

The frame is not welded at any point, so when the suspension runs out of travel, the chassis itself will flex, allowing all wheels to stay in contact with the ground, ensuring the safety and agility of the MF 9130 Plus even in the most adverse conditions.

Manufactured from high rupture resistant material, the large C rails of the chassis add to the machine's robustness, giving the operator piece of mind no matter how demanding the terrain is.



Suspension

The active airbag suspension is simple, reliable and delivers a smooth ride in the field and on the road in transport.

Each airbag is controlled by its own dedicated mechanical valve making sure the ride is adjusted to every change in condition.

The suspension is fed by a large 20 litre reservoir with a mechanically driven compressor at the engine with two conveniently located outlets for cleaning the nozzles and cabin.



Independent active pneumatic suspension

Not only does the suspension system offer a comfortable ride, but it also offers a longer service life as shock loads are soaked up by the suspension, not the chassis and boom.



Stabiliser bar

Many of these parts are commonly used heavy duty truck components such as sway bars and shackles, which require no maintenance at all.



Booms

The boom is a design used by AGCO for many years with added strength to handle arduous South American conditions. Consequently, the boom is strong, reliable and floats exceedingly well even in high speed spraying applications.

The booms are available in 24 or 28 metre widths with the following options fitted as standard to every machine:

- Section control (7 sections all boom widths)
- Fence line nozzles
- Norac auto boom levelling with 5 sensors
- Boom suspension on centre section
- 1" stainless steel boom lines
- Hypro triple nozzle bodies
- Able to run with wing tips foled (19 m)

The MF 9130 Plus Sprayer is available with many options as standard, providing a great amount of value.

Additional standard features of the boom include:

- Break away with soft return
- Boom skids
- Transport locks
- Work lights for night work



Main Commodity Tank

The 3000 litre tank has dual hydraulic agitators and a single oscillating tank rinse nozzle fed by a 240 litre fresh water reservoir.

Providing the flexibility Massey Ferguson is known for, the tank sits in a cradle which allows the chassis to flex if required beneath the tank.

Features include:

- 40 litre standalone hand wash tank
- Adjustable agitation rate
- high and low level tank sensors



Commodity Pumps

The main sprayer pump is a 549 l/min Hypro "Force Field" run dry pump controlled by a PWM valve. Enforcing its efficiency, the MF 9130 Plus keeps the pump running at precisely the right rate to maintain the correct output of the product even during speed changes.

Allowing the operator to quickly fill the tank from dams and tanks when necessary, the 568 l/min reload pump is also a standard fitting on the MF 9130 Plus.



Filling Station

Massey Ferguson is world-renowned for the easy use of its machines and the filling station of the MF 9130 Plus is no different; it's simple to understand and operate.

Features include:

- 2" and 3" cam lock fill point
- 568 l/min reload pump
- Unload point
- 26.5 litre hypro chem hopper
- Adjustable agitation rate
- Fresh water pump on/off
- Tank rinse
- Hand wash
- Air connection for nozzle cleaning





The best working environment

Designed for safety, clarity and comfort; the MF 9130 Plus gives you the kind of work environment you need to get through a tough day's work.

Effortless comfort

The cabin of the MF 9130 Plus is simple, uncluttered and functional to maximise operator comfort and safety.

Controls are ergonomically arranged, within easy reach and the cabin provides a generous amount of space to increase daily productivity and reduce fatigue, especially when spending long hours behind the wheel.

The adjustable air ride seat combined with the air-conditioning system and low levels of noise and vibrations ensures a comfortable and pleasant work station at any time of the year.

Better visibility

In addition to providing the operator with an excellent view of the front, sides and rear, the positioning of the cab allows great vision of the tyres and boom.



Technology

The MF 9130 Plus has been fitted with the latest technology, assisting with accuracy and data recording.

The MF 9130 Plus arrives from the factory fitted with autonomous auto steer. However, the options don't end there; this can be upgraded to sub-meter at any time. If at any point, higher precision is required, it can be upgraded to RTK.

To monitor productivity, all jobs and spray data can be recorded on the C3000 terminal and easily stored onto a USB for record keeping and data analysis.

The MF 9130 Plus is fitted with telemetry, offering the ability to track and monitor machines from your office which provides an insight into the machine's operational efficiency and any potential breakdowns before they may occur.



Specifications

Engine	
Brand	AGCO POWER
Model	66CW3.1263 MAR I
Cyl / CC	6 / 6600
HP	210
Torque	790 @ 1800 RPM
Transmission	
Type	Hydrostatic Full Time 4x4
Brand	Bosch Rexroth
Speeds	3
Pump	2 x 90cc
Wheel Motors	Axial
Speeds @ 1800 RPM	
Wheels	380 / 90R46
1st (km/h)	21
2nd (km/h)	32
3rd (km/h)	46
Brakes	
Service	Hydrostatic Dynamic
Parking	Electro Hydraulic Activation
Chassis	
Type	Flex Frame
Material	Steel Alloy
Shape	Section "C" chassis fully bolted
Suspension	
Type	Active airbag with stabilizers
Guage	
Adjustment	Hydraulic
Minimum (m)	2.8
Maximum (m)	3.4
Steering Wheel	
Type	Hydraulic
Turning Radius (m)	7.5
Electrical System	
Battery	1 x 170A
Voltage	12 V
Alternator	200 A
Cab	
Area (m)	5
Suspension	4 x rubber cushions
Air Conditioner	Hot / Cold
Filters	2 x Activated charcoal
Steering wheel	With position adjustment
Seat	Pneumatic with adjustment
Instructor Seat	Yes
Capacities	
Fuel (L)	365
Hydraulic (L)	200
Dimensions and Weight	
Total Length (m)	8.5
Total Height (m)	3.95
Min. Width Transport (m)	3.5
Wheel Base (m)	4.4
Clearance (m)	1.65
Dry Weight (kg)	8,900
Full Weight (kg)	11,900

Wheels	Option
380 / 90R46	18.4 – 34
Product Tank	
Capacity	3000 litre
Material	Polyethylene
Supply Nozzle	2" and 3"
Tank Washing	1 x Rotary Water Jet
Agitator	2 x Hydraulic
Spray Control	
Model	C3000
Bar Sections with Automatic Sealing	Standard
Boom Levelling	Standard
Onboard Technology	
Auto Steer	Auto-Guide 3000 autonomous
Telemetry	Standard – must add subscription
Reloading Product Pump (Standard)	
Type	Centrifugal
Brand	Hypro
Material	Polypropylene
Capacity (l/min)	658
Clean Water Tank	
Capacity (L)	260
Material	Polyethylene
Boom	
Assembly	Rear
Width	Standard 28 m – Optional 24 m
Tip (Trip)	5.7 m (28 m) 4.2 m (24 m)
Minimum Height (cm)	70 on 380/90R46 wheels
Maximum Height (m)	2.1 on 380/90R46 wheels
Boom Lines	1" Stainless Steel
Nozzle Bodies	Hypro Triple Bodies
Nozzle Spacing (cm)	50
Sections	7
Section Valves	KZ Electric Valves
Sprayer Pump	
Type	Centrifugal (Run Dry)
Brand	Hypro "Force Field"
Operation	Hydraulic Motor
Maximum Flow (l/min)	549
Material	Stainless Steel
Reload Station	
Illumination	Standard
Security System	Standard
Air Outlet	Standard
Chemical Hopper	Standard
Chemical Hopper	
Material	Polyethylene
Capacity (L)	26.5
Fresh Water Feed	Pneumatic Driven Pump
Sprayer System Filters	
Main Line Filter	Pressure 30 mesh
Line Filter	80 mesh

Serviceability

Routine maintenance is quick and straightforward as the operator has easy access to all service points. Daily checks are minimal and can be carried out effortlessly by the operator.





facebook.com/MasseyFergusonGlobal
twitter.com/AGCOcorp
youtube.com/MasseyFergusonVideo
blog.agcocorp.com



MASSEY FERGUSON is a worldwide brand of AGCO.



MASSEY FERGUSON