

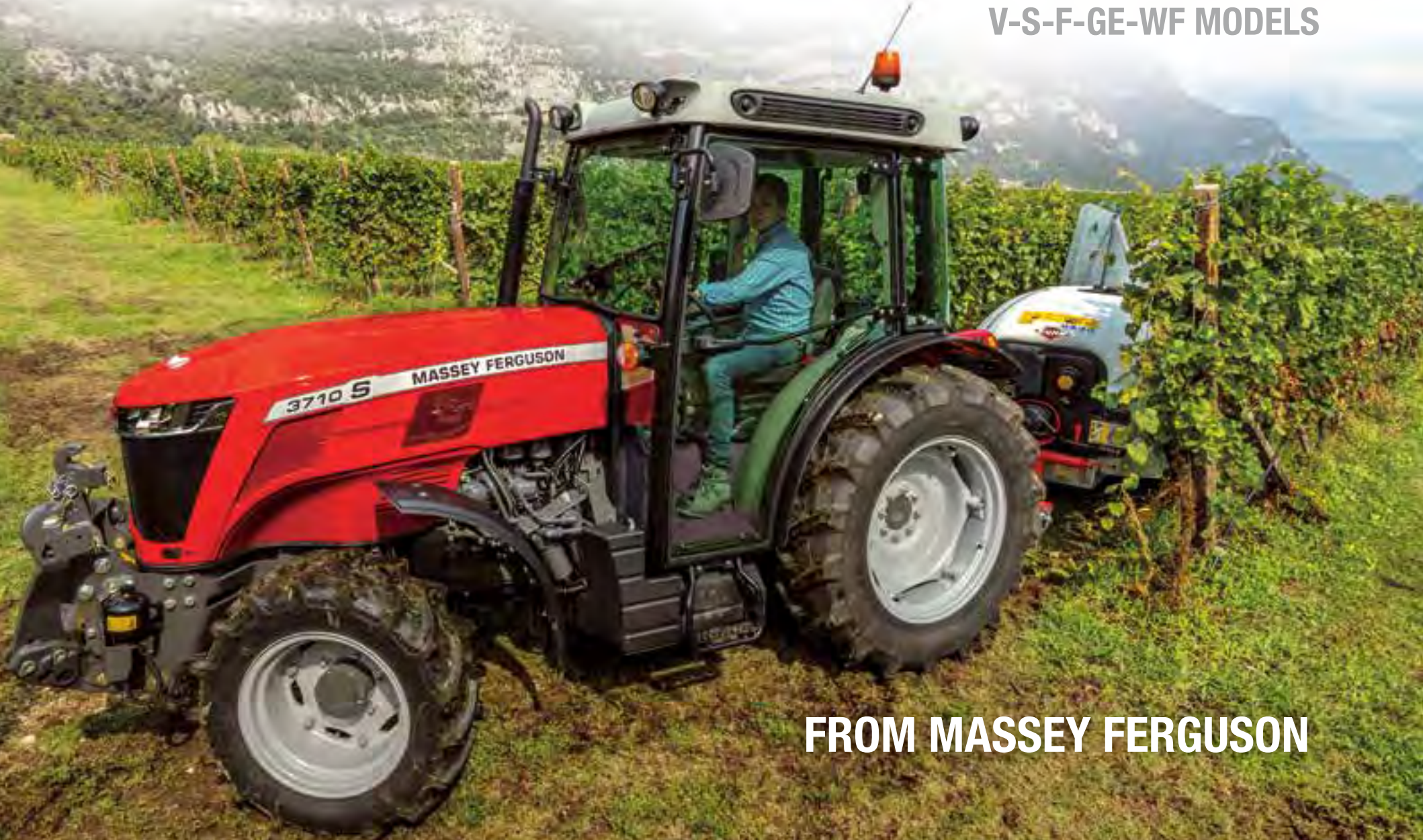


MASSEY FERGUSON

75-105 HP

MF 3700

V-S-F-GE-WF MODELS



FROM MASSEY FERGUSON

MF 3700 Series

take a closer look

The new MF 3700 is designed for ultimate efficiency and low cost of operation using a range of the latest straightforward and dependable technologies.

Because we know that a tractor is a profit centre for your business

The MF 3700 is a profit earner in any sector – right from the very first day.

Efficient drive-lines, advanced compliance with the Stage 3B emissions standard, low fuel consumption, long service intervals, impressive traction and lifting capacities together with low maintenance costs – the MF 3700 simply makes your farming business more profitable. And increasingly so with every hectare that you work.

New hood styling in keeping with the MF family look

Low bonnet height providing better forward visibility for the driver

New generation common rail, stage 3B four-cylinder engine; more power and torque

New fuel tank access on top of bonnet; gives easier access even with a front loader or implement attached

Larger 74 litre fuel tank and optional extra fuel tank giving maximum fuel capacity of 104 litres for reduced downtime

New factory fitted loader subframe, integrated front linkage and front PTO; improved operation and greater versatility using front mounted implements

New four-wheel drive steering sensor; easier operation and improved headland turns





Up to 6 work lights for better lighting at night

Spacious cab with easy access and a new modern dashboard

New and unique hydraulic joystick integrating the controls of two spool valves and the transmission for an easy and convenient operation

New joystick controlled* rear linkage offset and levelling.

More powerful 120 l/min hydraulic flow option for greater efficiency when operating loaders, pruners and trimmers

* Only available on Efficient models

MF 3700 Series

Greater power and efficiency

The MF 3700 Series is powered by new generation Stage 3B four-cylinder engines from 75 to 105 hp, delivering more power and torque to handle more demanding operations and high output implements.

These Common Rail engines offer two engine rpm memories (Efficient Version) and one engine memory (Essential Version), allowing preferred engine speeds to be set for easier driving.

A larger 74 litre fuel tank with optional additional 30 litre fuel tank minimises downtime for re-fuelling, and fuel tank access is now on the top of the bonnet, further speeding re-fuelling, and giving easier access when a front implement is fitted.

The new engines offer longer service intervals of 600hr for reduced service costs and downtime.

Re-designing the power system layout now places the emissions control system outside the bonnet, allowing it to be lower, which improves the driver's forward visibility.

	MF 3707	MF 3708	MF 3709	MF 3710
	V S F GE WF			S F GE WF
Max power (ISO 14396) hp/kW	75 (55)	85 (64)	95 (71)	105 (77)
Max Torque (Nm)	320	365	395	405
Engine Type	3.4 l / 4 cylinder Stage 3B			
After treatment unit	All-In-One - Outside the bonnet			
Version	Cab/Platform	Cab/Platform	Cab/Platform	Cab/Platform



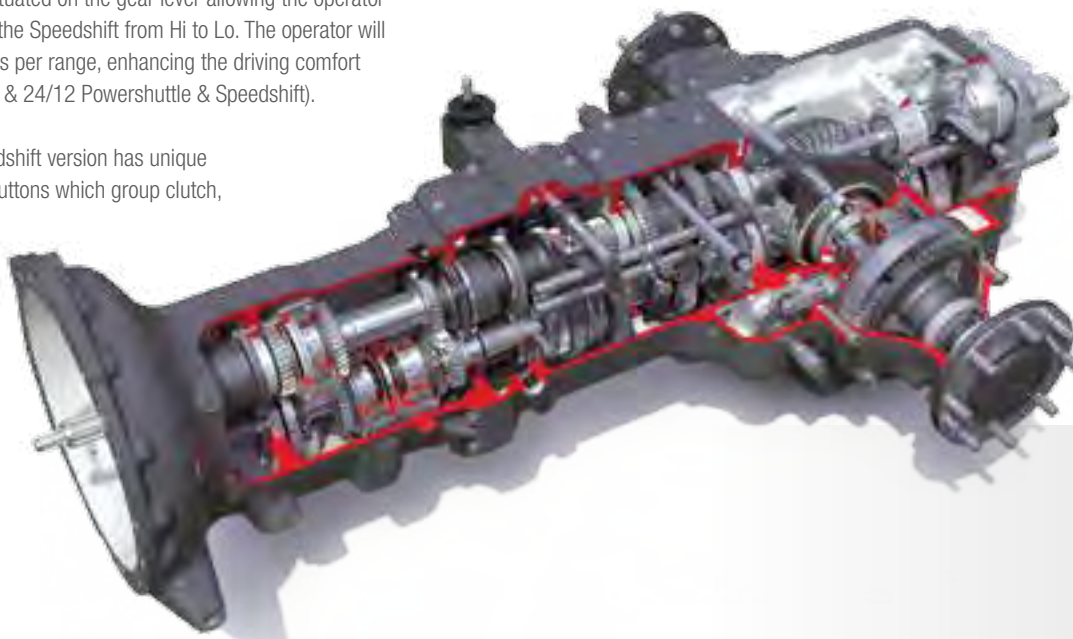
Choose the right transmission for your needs

There is a choice of four different transmissions to suit the requirements of your farming operation. Specify the simplicity of a mechanical transmission or take advantage of high speed shuttling between forward and reverse speeds, for example when loading materials or produce.

Transmission	Speed	3 ranges 4 synchro gears	Splitter	Shuttle
12/12 Mechanical Shuttle	30 km/h	●	-	Mechanical
24/24 Mechanical Shuttle with Mechanical Hi/Low	40 km/h	●	Mechanical	Mechanical
24/24 Mechanical Shuttle with Speedshift	40 km/h	●	Electro-hydraulic	Mechanical
24/12 Powershuttle & Speedshift	40 km/h	●	Electro-hydraulic	Electro-hydraulic

Transmission controls are also situated on the gear lever allowing the operator to de-clutch, but also to change the Speedshift from Hi to Lo. The operator will therefore enjoy 8 clutchless ratios per range, enhancing the driving comfort and efficiency (24/24 Speedshift & 24/12 Powershuttle & Speedshift).

The 24/12 Powershuttle & Speedshift version has unique joystick-mounted transmission buttons which group clutch, transmission and implement functions onto one easy control (Efficient Version). Operators can focus on their implement and the task in progress, with every control conveniently to hand.



More powerful hydraulics for demanding implements

The MF 3700 Series has significantly more powerful hydraulics than its predecessor, offering improved performance with implements such as loaders, trimmers and pruners; it also features a dedicated auxiliary pump.

Hydraulic flow options

- Two pumps with maximum flow of 93 l/min @ 2300 rpm; 66 l/min @2300 rpm or 51 l/min @1800 rpm for rear linkage & spool valves
- Three pumps with maximum flow of 120 l/min @ 2300 rpm; 93 l/min @2300 rpm or 73 l/min @1800 rpm for rear linkage & spool valves

Rear linkages have 2.5 and 3 tonne lift capacity and two to six spool valves can be specified; the MF 3700 Series also offers a hydraulic trailer brake dual line for safe towing.



Vineyard version

Working with a high value crop, you need a tractor that is exceptionally compact yet powerful. The closely-spaced rows and delicate foliage and fruit mean that the tractor must be narrow enough to pass between the plants without the risk of damage. Yet the operator environment must still offer comfort and ease of use during long working hours, often in extremes of climatic conditions. Timeliness is also a must, so these tractors must be efficient and productive.

The MF 3700 Series has been specially designed to meet these needs.



Key features:

- Narrow chassis with 930 mm flange to flange on the front axle and 892 mm on the rear axle
- Narrow 1m wide cabin and ROPS platform option
- NEW 40 km/h transmission option for quicker transport between jobs
- Engines up to 95 hp with maximum torque of 395 Nm for power hungry operations such as spraying and cultivations
- Powerful hydraulics for demanding pruning or trimming operations
- Spacious, comfortable cab interior with easy access and a new modern dashboard



S Special version

Modern vineyards produce high value and high yielding crops so you need a tractor that is compact but truly productive. More open vineyards can accommodate a larger and more powerful tractor but one which must still be narrow enough to pass between the plants without the risk of damage. Comfort and ease of use are also paramount during long working hours.

The MF 3700 Series has been specially designed to meet these needs.



Key features:

- Slightly wider chassis with 990 mm flange to flange on the front axle and 972 mm on the rear axle for extra stability
- Suitable for rows from 2.2 to 2.5 m
- More spacious 1200 mm cabin and ROPS platform option
- 40 km/h transmission option for quicker transport between jobs
- Engines up to 105 hp with maximum torque of 405 Nm for power hungry operations such as spraying or cultivations
- Powerful hydraulics for demanding pruning or trimming operations
- Spacious, comfortable cab interior with easy access and a new modern dashboard



F

Fruit version

High value crops, either fruit orchards or vines grown in more extensive vineyards. Crops are grown in regimented rows, but larger areas require higher outputs as well as excellent manoeuvrability and a compact power unit to avoid damaging tender foliage or fruit. Yet the operator environment must still offer comfort and ease of use during long working hours, during a long season.

The MF 3700 Series has been specially designed to meet these needs.



Key features:

- A more substantial tractor with a wider front axle and a more spacious cab
- Front axle 1325 mm and rear axle flange to flange: 1242 mm
- Cabin width 1200 mm and ROPS platform option
- 40 km/h transmission option for quicker transport between jobs
- Engines up to 105 hp with maximum torque of 405 Nm for power-hungry operations such as spraying and cultivations
- Powerful hydraulics for the most demanding applications
- Spacious, comfortable cab interior with easy access and a new modern dashboard



GE

Ground Effect version

Working with a high value crop, you need a tractor that is exceptionally compact yet powerful. The closely-spaced rows and delicate foliage and fruit mean that the tractor must be narrow enough to pass between the plants without the risk of damage. Canopied vineyards, work under trees and in polytunnels also place restrictions on the height of machinery. Yet the operator environment must still offer comfort and ease of use during long working hours, often in extremes of climatic conditions. Timeliness is also a must, so these tractors must be efficient and productive.

The MF 3700 Series has been specially designed to meet these needs.



Key features:

- Slightly wider chassis with 1155 mm flange to flange on the front axle and 972 mm on the rear axle for extra stability
- Suitable for rows from 2.2 to 2.5 m
- Compact cabin and ROPS platform option
- Platform height (24" tyres) : 1070 mm
- 40 km/h transmission option for quicker transport between jobs
- Engines up to 105 hp with maximum torque of 405 Nm for power-hungry operations such as spraying or cultivations
- Powerful hydraulics for demanding pruning or trimming operations
- Spacious, comfortable cab interior with easy access and a new modern dashboard

WF

Wide Fruit version and great all-rounder

Hillside vineyards and alpine farms present a demanding environment where the tractor must work safely on slopes. Mixed and dairy farms also require a powerful, yet compact utility tractor to work in traditional buildings while offering the versatility to tackle fieldwork. The operator environment must offer comfort and ease of use during long working hours, often in extremes of climatic conditions. Timeliness is also a must, so these tractors must be efficient and productive.

The MF 3700 Series has been specially designed to meet these needs.



Key features:

- Wider chassis with 1460 mm flange to flange on the front axle and 1540 mm on the rear axle offering a low centre of gravity and greater stability on slopes
- Spacious cabin and ROPS platform option
- 40 km/h transmission option for quicker transport between jobs
- Engines up to 105 hp with maximum torque of 405 Nm for power-hungry operations such as haymaking and livestock feeding
- Powerful hydraulics for demanding materials handling tasks
- Factory fitted loader package option for an integrated materials handling solution
- Comfortable, well-equipped cab with easy access and a new modern dashboard

Two Specifications – the choice is yours

The MF 3700 Series is available in two specification levels – Essential and NEW Efficient.

Essential offers an entry level package available on both ROPS and cab tractors, ideal for operators working to a tight budget or requiring a more basic tractor, with mechanical transmission and mechanical linkage.

Efficient is available on cab tractors only and offers a higher specification specialist tractor, with increased hydraulic flow, a unique control joystick and electronic management of the linkage and spool valves.

Within the Essential and Efficient specification there are further transmission and hydraulic options allowing you to tailor your tractor to the specific needs of your farm and your crops.

Essential

The standard Essential package includes:

93 l/min hydraulic flow
Mechanical rear linkage
24/12 Powershuttle & Speedshift transmission
Three rear mechanical spool valves

Choose from these options:

Two mid-mounted spool valves
Front linkage
Front linkage and PTO
Front loader package
Rear linkage offset & levelling control

Efficient

The standard Efficient package includes:

120 l/min hydraulic flow
Electronic rear linkage
24/12 Powershuttle & Speedshift transmission

Two rear electronic spool valves
+ one mid mounted spool valve
Multifunction hydraulic joystick
(spool valves + transmission)

Choose from these options:

Four rear electronic spool valves
Two mid-mounted spool valves
Front linkage
Front linkage and PTO
Front loader package
Joystick controlled rear linkage offset and levelling





Enhanced loader performance

Growers can get more from their tractors and extend their season of use with NEW front linkage and loader options.

Move materials or produce easily with a front loader and get more for your money from a multi-purpose, all-year tractor. Feed livestock more easily and ease the load on specialist materials handlers on the farm.

An ever-growing range of front mounted implements is now available for specialist tractors: mow, prune or sweep, and take advantage of the improved visibility of a front implement while leaving the rear linkage free for larger machinery.

A front linkage, which lifts 1250 or 1680 kg depending on the tractor variant, is now available from the factory, in a number of configurations:

- Front linkage only
- Front linkage + 540 rpm ECO
- Front linkage + 1000 rpm PTO

The front linkage is fully compatible with the MF front utility loader.

New for the MF 3700 WF, MF 3700 F and MF 3700 S is the availability of a factory-fitted loader sub-frame with mechanical joystick for Essential specification tractors and electrohydraulic joystick for Efficient versions.

The loader and linkage are fully integrated, maintaining the tight turning circle and perfect balance of the tractor.

With significantly more powerful hydraulics providing a maximum flow of 120 l/min, the MF 3700 Series offers enhanced loader performance.

MF 3700 Series – Utility loaders available

	Model	Type	Lift height	Capacity*
MF 3700 F, S, WF	MF 921X	Non-parallel	2.90 m	1530 kg
	MF 926X	Parallel	2.90 m	1240 kg

* @ Maximum lift height - pivot pin

Loaders

Specifications

	MF 3707	MF 3708	MF 3709	MF 3710
	V/S/F/GE/WF	V/S/F/GE/WF	V/S/F/GE/WF	S/F/GE/WF
Engine performance				
Max (ISO 14396) hp/kW	75 (55)	85 (64)	95 (71)	102 (77)
Max torque (Nm)	320	365	395	405
Engine				
Emission compliance	Stage 3B/Tier 4	Stage 3B/Tier 4	Stage 3B/Tier 4	Stage 3B/Tier 4
Injection system	Common rail			
Engine management	Electronic ECU	Electronic ECU	Electronic ECU	Electronic ECU
Capacity/ No. of cylinders	3,4L / 4	3,4L / 4	3,4L / 4	3,4L / 4
Exhaust, horizontal left	●	●	●	●
Exhaust, vertical	○	○	○	○
Dual, dry element air filter	●	●	●	●
Engine rpm memories	Essential: 1 memory - Efficient: 2 memories			
Fuel Tank (Litres)	74 (54 with Front PTO)			
Additional Fuel Tank (Litres)	30 - (S, F & WF Versions) - Total Capacity : 104			
Engine service interval (Hours)	600			
Transmission				
24F/12R, Power Shuttle and Speedshift (40 km/h)	●	●	●	●
Power Take-Off				
Engagement and Control	Electrohydraulic			
540 rpm / 750 rpm (540 Eco)	●	●	●	●
540 rpm / 1000 rpm	○	○	○	○
Ground Speed	○	○	○	○
Front PTO 750 rpm (540 Eco) with front linkage	○	○	○	○
Front PTO 1000 rpm with front linkage	○	○	○	○
Hydraulics				
Max. oil flow @ 2300 rpm l/min				
Brake/Steering/IPTO, pump n°1	27			
Max. oil flow @ 2300 rpm l/min				
Standard Auxiliaries pump n°2 (linkage + spool valves)	66			
Optional Auxiliaries pump n°3 (linkage + spool valves)	27			
Brakes				
Type/actuation	Oil-cooled disc brakes, hydraulic actuation			
Parking brake	Mechanical, independant of main brakes - Hand lever operated			
Hydraulic trailer brakes	Hydraulic dual line			
4WD				
Engagement	● Electro-mechanical engagement ○ Electro-hydraulic engagement			
Steering angle sensor (With 4WD Electro-hydraulic engagement)	○			

● = Standard ○ = Optional - = Not available

	MF 3707	MF 3708	MF 3709	MF 3710
	V/S/F/GE/WF	V/S/F/GE/WF	V/S/F/GE/WF	S/F/GE/WF
Linkage				
Rear 3 point linkage	Cat.1/2 linkage with hook ends - Adjustable position			
Draft sensing	Top link sensing			
Max. pressure - bar	190	190	190	190
Linkage position	Mechanical or electrohydraulic offset & levelling			
Maximum lift capacity @ link ends (kg)	2 500 & 3 000 (optional)			
Front 3 point linkage	Cat.2 with foldable arms & hook ends - Suspension			
Maximum lift capacity @ link ends (kg)	○ 1650 (GE version : 1250)			
Cabin				
Fixed steering column	○	○	○	○
Telescopic steering column	●	●	●	●
Telescopic & tiltable steering column	○	○	○	○
Air Conditioned	●	●	●	●
Pneumatic suspension seat	●	●	●	●
Deluxe pneumatic suspension seat	○ (Only F & WF)			
Radio FM	●	●	●	●
Auxiliary hydraulics				
Essential 66 l/mn (2 pumps)				
Rear linkage control	Mechanical			
Rear spool valves	3 (Mechanical)			
Mid mounted spool valves	-	-	-	-
Rear free return	○	○	○	○
Right-hand front outlet & free return	○	○	○	○
Essential 93 l/mn (3 pumps)				
Rear linkage control	Mechanical			
Rear spool valves	3 (Mechanical)			
Mid mounted spool valves	2 (Mechanical)			
Rear free return	○	○	○	○
Right-hand front outlet & free return	○	○	○	○
Efficient 93 l/mn (3 pumps)				
Rear linkage control	Electronic ELC			
Rear spool valves	2 or 3 (Electronic)			
Mid mounted spool valves	1 or 2 (Mechanical)			
Rear free return	○	○	○	○
Right-hand front outlet & free return	○	○	○	○

Options

Base	
Hydraulic flow	
Rear linkage	
Rear spool valves	
Mid-mounted spool valves	
Transmission	
Option	
120 l/mn hydraulic flow	
2 mid mounted spool valves	
Front linkage	
Front linkage + Front PTO (1000 or 540E)	
Front loader package	
Electronic Offset / Levelling	
4 rear electronic spool valves	

ESSENTIAL	EFFICIENT
V/S/F/GE/WF	V/S/F/GE/WF
93 l/mn hydraulic flow	120 l/mn hydraulic flow
Mechanical Rear linkage	Electronic Rear linkage
x3 Mechanical	x2 Electronic
-	x1 Mechanic
24/12 PowerShuttle & Speedshift	
<input type="radio"/>	-
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
<input type="radio"/>	<input type="radio"/>
-	<input type="radio"/>



Dimensions - V,S,F,GE,WF (4WD)

From rear axle centre line (mm)		V	S	F	GE	WF
Dimension		Cab				
A	Cab height (Less beacon)	1715	1715	1715	1715	1715
C	Lowest point below rear axle	250	250	250	250	250
D	Centre line of front axle	210	210	210	210	210
E	Lowest point of front axle	330	330	330	330	330
F	Lowest point of front axle support	260	260	260	260	260
G	Overall length	3984	3984	3984	3984	3984
H	Wheelbase	2148	2148	2124	2085	2124
I	Internal fender width	450	520	600	450	600
J	External fender width	1000	1300	1450	1000	1450
K	External cab width	1000	1200	1200	1000	1200
Additional height for warning beacon		200	200	200	200	200
Dimension		Semi-platform				
B	ROPS height (Less beacon)	1884	1884	1884	1884	1884
C	Lowest point below rear axle	250	250	250	250	250
D	Pivot point of front axle	210	210	210	210	210
E	Lowest point of front axle	330	330	330	330	330
F	Lowest point of front axle support	260	260	260	260	260
G	Overall length	3984	3984	3984	3984	3984
H	Wheelbase	2148	2148	2124	2085	2124
I	Internal fender width	450	520	600	450	600
J	External fender width	1000	1300	1450	1150	1450
L	Rear fender height	730	730	730	605	730
M	Steering wheel min height	810	810	810	780	810



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.