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MF 900 Series Loader implements:

The right tools for the job

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- MF900 X Versatile loaders for everyday operations
- Modern, simple, functional



### When time's not on your side, we are.

If you need a robust, reliable loader to complement your Massey Ferguson tractor then you don't need to look far. MF tractors with MF loaders are the ultimate combination of rugged ability, hard work and reliability.

**Getting the job done, simply and efficiently - no compromise** Massey Ferguson 900 Series loaders have been designed and built to industry-leading standards to maximise performance, reliability and ease of operation, without compromising tractor operation or serviceability.

Operation is easy so you can get to work straight away.

**Get the right loader for your Massey Ferguson tractor** Full integration of tractor and loader is achieved easily with the MF 900 Series, to suit 69 - 400 hp Massey Ferguson tractors. You can choose from either 'standard' or 'parallel' linkage, available throughout an extensive range of 27 models, along with numerous options and accessories to enhance performance and productivity. Highly developed, high performance design ensures that these loaders deliver first class versatility, outstanding reliability, and impressive results year after year.

Whatever your handling requirements, the MF loader range can deal with them. From day-to-day jobs to the toughest contractor work, the MF 900 Series of loaders can be found working away in a wide range of applications – on many livestock and mixed farms, vegetable enterprises, amenity/municipal and landscape/forestry activities or intensive municipal operation.











### **Offering you the best choice of loaders**

There's a wide selection of loaders available, with an excellent range of heights and lift capacities, so whichever MF tractor you choose, there's a loader to perfectly complement it.

|        | MF 900 S     | eries - loaders available            |   |
|--------|--------------|--------------------------------------|---|
| Model  | Туре         | Lift height under level<br>implement | Lift capacity at pivot pin,<br>ground level |
| MF 921 | Non parallel | 2.90 m                               | 2,280 kg                                    |
| MF 931 | Non parallel | 3.20 m                               | 2,310 kg                                    |
| MF 941 | Non parallel | 3.45 m                               | 2,810 kg                                    |
| MF 951 | Non parallel | 3.70 m                               | 2,920 kg                                    |
| MF 961 | Non parallel | 3.95 m                               | 3,220 kg                                    |
| MF 926 | Parallel     | 2.90 m                               | 1,820 kg                                    |
| MF 936 | Parallel     | 3.20 m                               | 1,920 kg                                    |
| MF 938 | Parallel     | 3.20 m                               | 2,270 kg                                    |
| MF 939 | Parallel     | 3.40 m                               | 1,560 kg                                    |
| MF 946 | Parallel     | 3.45 m                               | 2,400 kg                                    |
| MF 948 | Parallel     | 3.45 m                               | 2,770 kg                                    |
| MF 949 | Parallel     | 3.60 m                               | 2,220 kg                                    |
| MF 956 | Parallel     | 3.70 m                               | 2,520 kg                                    |
| MF 958 | Parallel     | 3.70 m                               | 2,890 kg                                    |
| MF 966 | Parallel     | 3.95 m                               | 2,790 kg                                    |
| MF 968 | Parallel     | 3.95 m                               | 3,170 kg                                    |
| MF 976 | Parallel     | 4.20 m                               | 2,990 kg                                    |
| MF 978 | Parallel     | 4.20 m                               | 3,380 kg                                    |
| MF 988 | Parallel     | 4.65 m                               | 3,930 kg                                    |

|         | MF 900 X Serie | s - loaders* available |                    |
|---------|----------------|------------------------|--------------------|
| Model   | Туре           | Lift height            | Max. lift Capacity |
| MF 921X | Non parallel   | 2.90 m                 | 1,530 kg           |
| MF 931X | Non parallel   | 3.20 m                 | 1,240 kg           |
| MF 941X | Non parallel   | 3.50 m                 | 1,700 kg           |
| MF 951X | Non parallel   | 3.70 m                 | 1,410 kg           |
| MF 926X | Parallel       | 2.90 m                 | 1,800 kg           |
| MF 936X | Parallel       | 3.20 m                 | 1,510 kg           |
| MF 946X | Parallel       | 3.50 m                 | 1,890 kg           |
| MF 956X | Parallel       | 3.70 m                 | 1,600 kg           |

\* Available up to 120 hp



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- Designed for fitting all Massey Ferguson tractors
- Clean beam design offers unrivalled visibility and safety

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- Enclosed pipework reduces the risk of damage
- 'Lock & Go', semi-automatic connection and removal system simplifies mounting
- Fast coupling of all hoses
- SoftDrive absorbs shocks and protects operators and the machine from shock loads
- Fully integrated operation through range of Massey Ferguson tractor's Series joysticks
- Simple fitting of a wide range of implements

### **Design is our strength**

Massey Ferguson loader subframe design -The ultimate in integration

It is the ultimate in integration between two undeniably impressive pieces of machinery. Thanks to the way our tractors are designed, your purchase will become a partnership between you, your loader and your tractor; giving you an uncompromising combination of power and functionality.



New models with increased lift capacity and new roll-back angles offer impressive material handling, particularly when using a bucket implement.

The loader brackets and loader itself are carefully positioned close to the bonnet so as not to impede access.

On the MF 5600 range, the steep nose bonnet provides unrivalled front visibility to ease the job with the loader.

The waisted bonnet design and short wheelbase allow for excellent manoeuvrability, visibility and comfort during loader applications New design: extra-strength reinforced rear arms.

New coupling system: Spill-free flat face couplings which make coupling and de-coupling simple and clean.  Optional visio-roof\* for
uncompromised visibility during loader operations

A wide range of Joystick options are available to ease the job in hand

The unique Massey Ferguson Power Control lever allows the operator to shuttle between forward/ reverse, shift dynashift speeds and ranges leaving the right hand free to operate the loader.

Hydraulic performance provides excellent oil flow to operate the loader faster and safer.

Brake to neutral feature disconnects drive when brake pedal is pressed (according to models)

Thoughtful design means there is plenty of space between the loader arms and the bonnet so there's excellent access to the engine area and air filter.

Easy connection and disconnection of loader and implement makes the whole operation quick and straightforward.

The loader sub-frame sits smoothly against the tractor chassis. Its integral structure has been carefully designed by our engineers who understand how a loader and tractor need to perform.

> \* Depending on ranges and models. Check availability with your local MF dealer.

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# Designed and built for the most demanding tasks

From the strength and security of the subframe to the slim yet robust design of the welded box section beams, MF 900 Series loaders deliver industry-leading features that ensure maximum output and dependability from your Massey Ferguson tractor.

Designed specifically for your Massey Ferguson tractor, they offer many outstanding features to increase your efficiency.

### Strengthened subframes

Subframes are available to fit most tractors in the Massey Ferguson range and now have larger loadbearing surfaces to strengthen their already robust construction and meet the demands of today's high performance tractors. The subframe extends forwards to a protective grille guard, and in most cases an extension to the tractor's rear axle adds strength and rigidity.

Subframes are designed to allow drive-in attachment, whilst the semi-automatic 'Lock & Go' system retains the loader rigidly and securely in position.

### Protected and concealed hydraulic hoses

Loader beam design combines strength and excellent forward visibility, with the highest quality 'twin C-section' steel construction neatly concealing and protecting all hydraulic hoses. The strong transverse cross-tube, which also houses and protects hydraulic components, adds strength and aids visibility through its positioning near the front of the loader.

All pivot points have greasable, replaceable bushes, giving long intervals between lubrication and enabling quick, inexpensive replacement. Also all pins are galvanised and, where stresses demand, are of a larger diameter (40mm).

Robotised welding ensures consistency in construction throughout, whilst steel undergoes full preparation and priming before a tough and durable powder paint finish is applied.



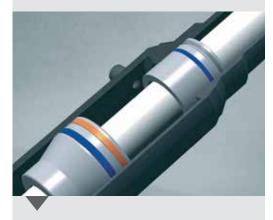
Straightforward subframe design



Cross-tube houses hydraulic components and provides strength



Strong double U-section loader beams



Double acting and pressure-tested hydraulic



Robotised welding ensures accuracy and strength



Modern paint processes ensure long life and durability for your loaders' paintwork

### **Easy mounting and removing**

Through the application of advanced industry-leading technology, MF 900 Series loaders provide simple practical solutions to the day-to-day challenges of modern farming, ensuring quick and easy operation from the start.



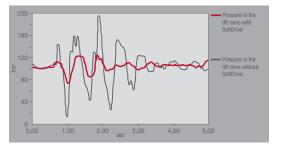
### Standard 'Lock & Go' connection system

For ease of connection and disconnection all loaders are designed with the standard 'Lock & Go' system. Requiring no tools and incorporating rigid support legs, the 'Lock & Go' system is simply designed to save time, enabling straightforward attachment/detachment.

### Innovative 'SoftDrive' system

Stresses on loader and tractor, as well as the operator, can be reduced by the optional addition of the innovative 'SoftDrive' shock absorption system. Available on all models, hidden and protected inside the cross tube, 'SoftDrive' can be activated when you need it - particularly useful on rough terrain or in transport applications - or switched off for precise pallet stacking or bale handling.

For maximum driver convenience an optional electric switch kit allows 'SoftDrive' to be activated from the driving position.





#### 'Clic-on' with integrated safety function

In addition to the excellent visibility of the tool carrier, secure implement attachment is further aided by the 'Clic-on' feature. When an implement is detached, the 'Clic-on' device holds the locking pins in their retracted position. Attaching an implement and rolling back the tool carrier allows the locking pins to return to their locked position, automatically. 'Clic-on' is fitted as standard on Euro and Combi-SMS tool carriers, making implement attachment a whole lot easier and more secure.

### **Faster connections**

Fast hydraulic coupling of tractor and loader is made easy by compact design and colour coded connections. For faster hydraulic connection, the 'Hydroquick' coupler is available as an option, whilst 'Selecto-Fix' gives similar benefits when coupling hydraulic implements to the tool carrier.



### Selecto-Fix

Many attachments in the range are equipped with 'Selecto-Fix'. This provides a rapid, easy and positive hydraulic connection, with no risk of spillage or leakage.

### Optional quick couplers allows an easy hydraulic connection



Hydroquick

coupler

Base configuration without quick coupler

MC4 quick coupler

### Five steps to a quality working day



**Step 1.** Simply drive the tractor into the parked loader. The loader will smoothly meet with the attachment hooks.



**Step 2.** The optional Hydroquick coupler speeds loader, hydraulic and electrical attachment.



**Step 3.** By operating the lift cylinder, the semi automatic Lock and Go system speeds and simplifies loader hook up.



**Step 4.** Fold up the park stand.



**Step 5.** Get to work!

### The ultimate in control and comfort

MF 900 Series loaders set the standard in control and ergonomics, ensuring simple and effective operation, leading to higher levels of comfort, safety and output. You'll never have a more efficient tractor/loader combination.

MF 900 Series loaders offer a range of ergonomically designed and intuitive loader control systems designed by Massey Ferguson engineers specifically for the MF tractor range.

### Optimum 'feel' and control

One of the additional benefits of a Massey Ferguson tractor/loader combination is that the Power Shuttle or Power Control levers enable rapid changes of direction without use of the clutch, using the left hand. This means that the right hand is free to maintain full control of the loader.

Other available options include the ability to operate the loader via tractor spool valves using either mechanical or electronic multifunction joysticks including right hand shuttle control. Your choice of controls, coupled with the overall tractor and loader design, choice of visio roof and bonnet style will prove to be an indispensable part of your business. Giving you complete and consistent functionality and easeof-use throughout your working day.



### 'Factory fitted' loader controls available

| Model                            | Mechanical joystick control | Electrohydraulic controls |
|----------------------------------|-----------------------------|---------------------------|
| MF 5608/5609/5610                | О                           | -                         |
| MF 5611/5612/5613 Essential      | О                           | О                         |
| MF 5611/5612/5613 Efficient      | -                           | О                         |
| MF 6600 Essential                | О                           | -                         |
| MF 6600 Efficient & Exclusive    | -                           | О                         |
| MF 7714-18 Essential             | О                           | -                         |
| MF 7714-18 Efficient & Exclusive | -                           | О                         |
| MF 7719-26 Efficient & Exclusive | -                           | О                         |

O Optional - Not applicable



Essential cab option with mechanical multifunction joystick

Efficient cab option with electrohydraulic multifunction joystick and armrest



The MF 5600 4 cylinder Essential Cab controls with loader electronic joystick



Exclusive cab option with multipad control lever and electrohydraulic multifunction joystick (right-hand side)



The beauty of this joystick means you can go from forward to reverse and operate the loader at the same time, without taking your hand off the steering wheel.

### **Options that fit your requirements perfectly**

If your original purchase did not have a subframe and loader but over time you decide you need a tractor with loader capabilities, the dealer-fit option allows you to turn it into a fully functioning loader tractor simply and quickly. All you then have to do is decide which type of functionality best suits you.

### Loader Control System<sup>™</sup> (LCS) - optimising control and driving characteristics

The system features three new elements – valve, flat-faced couplings and joysticks.

At the "heart" of LCS<sup>™</sup> is a unique valve program; the only valves in the world that have been specially developed for the specific functions and requirements of front loaders. This uncompromising attitude offers you many advantages: outstanding control, direct response and drivability through optimally-adapted flow – for every occasion and regardless of load weight. The valve is also energy efficient and therefore enables lower fuel consumption.

#### Advantages of the LCS system

- Complete control of heavy loads thanks to the loadindependent oil flow. The loader speed is always the same, no matter what load is carried in the implement
- Easier to perform multiple functions, such as lowering and crowding
- Energy-saving low pressure regeneration
- The cylinders are always filled with oil, which eliminates waiting time and cavitation
- Both lift and implement circuits feature a float position. In addition to improved driving benefits, this also enables easy connection and disconnection of the loader and implement
- The compact design means that the valve is ideally placed, whilst maintaining the driver's vision

The MF 900 Series can benefit from a choice of three joystick options, all of which provide the operator with a high degree of control – it depends on the level of sophistication and type of control that's required.



**'ErgoDrive' main functions:** A. Lift B. Lower C. Fill D. Dump

#### **Combined functions:**

A/C. Lift and fill A/D. Lift and dump B/D. Lower and dump B/C. Lower and fill - bucket adjustment to horizontal position

### ErgoDrive LCS<sup>™</sup> Mechanical Joystick

ErgoDrive is a simple, mechanical, cable operated single lever control. Its design allows maximum ergonomy and efficiency.

Cable control

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- Suspension on/off
- Optional 3rd function
- Optional 4th function
- In cab position adjustment

#### EasyDrive LCS<sup>™</sup> Electronic Joystick

An affordable electronic alternative to purely mechanical controls, performing the same functions but with the assistance of electronics – via a small, thumb-controlled joystick for effortless operation.

- 3rd and 4th function
- On/Off loader suspension
- Hydraulic implement locking function
- Float position both lowering and tilt (dump)
- Transport function
- Pressure relief function

### **ElectroDrive CDC<sup>™</sup> Electronic Joystick**

The new ElectroDrive CDC Joystick provides all the advantages of the two alternative options, but delivers significantly increased functionality.

- 3rd and 4th function
- Float position lift and tilt
- Quick select button: as standard On/Off for loader suspension
- At the switch of a button: Loader suspension, transport mode, AAC, shake function or turtle function for maximum accuracy.

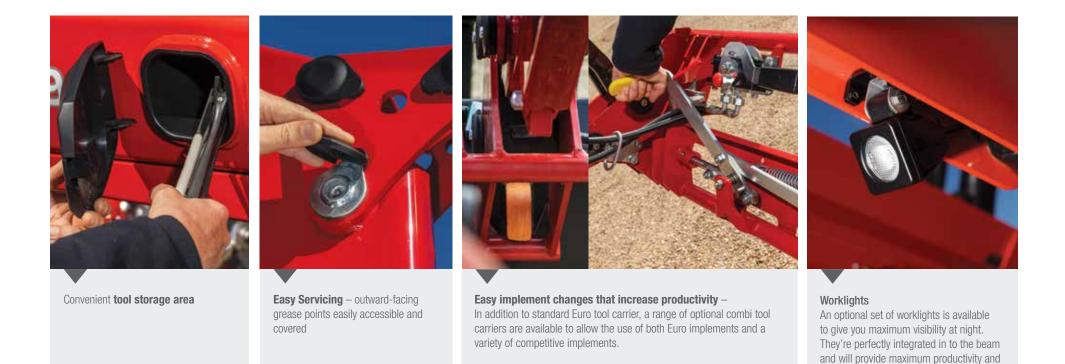




01. ErgoDrive LCS 02. EasyDrive LCS 03-04. ElectroDrive LCS

### Letting you get on with things

High on productivity... low on down-time. Serviceability, low maintenance and ease-of-use of both tractor and loader has been a key consideration in the design and construction of the MF 900 series, making things simple, easy and quick.



vision for longer working days.

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**Optional roof** Visio roof with FOPS



**The tool carrier** This provides a secure link between the loader and implement, ensuring safety and security during all loader operations.



Fully Compatible with tractor front linkage for maximum outputs

| Utility loaders for MF 360 | 0, MF 4700 & MF 5600 Series |
|----------------------------|-----------------------------|
|----------------------------|-----------------------------|

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|                 | Model   | Туре         | Lift height | Capacity |
|-----------------|---------|--------------|-------------|----------|
| 3600 A & S & F* | MF 921X | Non parallel | 2.90 m      | 1,530 kg |
| 3000 A & 3 & F  | MF 926X | Parallel     | 2.90 m      | 1,800 kg |
|                 | MF 931X | Non parallel | 3.20 m      | 1,240 kg |
| MF 4708/09*     | MF 936X | Parallel     | 3.20 m      | 1,510 kg |
|                 | MF 941X | Non parallel | 3.50 m      | 1,700 kg |
|                 | MF 931X | Non parallel | 3.20 m      | 1,240 kg |
| MF 5608/09/10   | MF 936X | Parallel     | 3.20 m      | 1,510 kg |
|                 | MF 941X | Non parallel | 3.50 m      | 1,700 kg |
|                 | MF 946X | Parallel     | 3.50 m      | 1,890 kg |
|                 | MF 941X | Non parallel | 3.50 m      | 1,700 kg |
| MF 5611/12      | MF 946X | Parallel     | 3.50 m      | 1,890 kg |
|                 | MF 951X | Non parallel | 3.70 m      | 1,410 kg |
|                 | MF 956X | Parallel     | 3.70 m      | 1,600 kg |

\* Check local homologation rules for non cab tractors

### **MF900 X Versatile loaders for everyday operations**

Utility loaders to complement the MF tractors up to 120hp

Striving to make the jobs you do everyday that little bit simpler.

One thing we never do is compromise on quality so we only ever provide the best loaders with our machinery. This new range of parallel and non-parallel loaders has been designed specifically for this range of tractors and is the genuine article. Overall design, efficient functionality and clever little details enhance this high performance range of machinery to help you get the best out of your working day.

The MF 900 X Series of utility loaders offers more benefits than any other range. Usage is simple, effective and enjoyable, the end result is maximum productivity and satisfaction.







### Modern, simple, functional

Our tractor and loader combination works in harmony, integrating the most modern design and aesthetics with strength and reliability.

### Total vision

Enjoy an unrestricted view of the implement during many applications. The spacious cab and low cross tube on the MF 900 X loader ensures the view from the drivers seat is never impeded, making light work of loader operations.

All pipes and hoses are securely protected within the loader arm, minimising damage to the hydraulics whilst maximising visibility.

All pins are extremely strong with large dimensions, they are also zinc coated and can be lubricated. A pin lock eliminates the risk of the pins rotating.

### Quick and simple to connect and disconnect

No tools are required when connecting and disconnecting the loader which means that no time is wasted in-between tasks.

For quick detaching, simply place the implement on the ground, lower the parking stands, unlatch the pins and disconnect the hydraulic and electrical connections between the loader and tractor.



Lower parking stands

Unlatch the pins

Disconnect the hydraulic and electrical connections



### **Delivering more**



#### Adjustable guide

The guide indicates to the operator the position of the implement. It is easily adjustable and, for example, can show when the bucket or pallet forks are parallel to the ground.



Automatic implement locking with SafeLock This smart safety function means that

connecting the implement is always done with precision and accuracy. The SafeLock function ensures that the implement locking pins are always locked into position.



**Versatile 3rd hydraulic function** This 3rd function maximises the output of the loader and the tractor.



New suspension system reduces constraints on the loader and on the tractors for optimum operator's comfort. The activation is manual, thanks to a tap close to the accumulator



Subframe The strong and reliable subframe design links the tractor and the loader. It allows a smooth and easy connection.



All pivot pins are fitted with greasers. Ensures an improved life time of the loader.



Piping is integrated into the chassis to avoid damages and improves design.



### MF 900 Series Loader implements: The right tools for the job

The best loaders in the world deserve the best implements, purpose-designed for the machines that carry them and to suit the widest range of tasks. Here they are - the MF 900 Series Loader implement range from the world's leading manufacturer.

Precision manufactured and purpose-designed to suit MF 900 Series Loaders, this range of implements provides the widest choice available. Versatile, high quality implements, developed through a rigorous R&D programme, have been organised into 6 categories for easy reference:

#### 01 Bale handling

For square and round bale handling. A highly flexible range, for every situation and budget.

02 Buckets

Featuring a conical 'hopper-shaped' design, making them non-spill whilst easy to fill. A wide range, suitable for virtually all tasks.

### 03 Silage

For use in silo, or clamp and with diet feeders. Ideal for general silage management and distribution.

### 04 Forks

Powerful and adaptable, for pallet handling plus general manure and stone work.

### 05 Lifters

Assured, safe bag handling.

### **06 Accessories**

Several essential add-ons to complement the MF 900 Series Loader implement range.



### **Bale handling**

This comprehensive range of bale handling implements has been thoughtfully designed to provide safe, efficient and reliable operation through the complete spectrum of bale handling and distribution tasks, from field to yard.



#### Round bale spike Ensures safe transportation of round bales and includes a short tine to eliminate bale rotation whilst stacking. Supplied with a backplate and also offered as an attachment to fit a pallet fork frame.



### Flexibal

With hydraulic sideways adjustment, 125 mm rotating steel tubes gently cradle wrapped bales up to 180 cm dia., eliminating plastic damage. Once removed, the rotating tubes reveal steel spikes suitable for handling unwrapped bales or pallets up to 1000 kg. An optional hydraulic bale support enables end-on stacking.



### Quadrogrip

The market leader in handling round or square bales. The design of the hydraulically operated arms provides independent locking for easy alignment, plus virtually silent operation. Accommodates bale widths from 60 cm up to 200 cm.



### Silosplit

A unique silage bale handler and splitter. Cuts out the hard work of cutting straw and silage bales with one smooth action and without the need for extra, complicated hydraulics. Supplied with an aluminium safety guard.



### Flexigrip

For the gentle handling of wrapped bales and 'end-on' stacking (up to three bales high), thus reducing the risk of air and moisture penetration into the bale. Hydraulically operated arms provide independent locking for easy alignment. Bale sizes from 120 cm up to 200 cm.



### Unigrip

Proven, 'rounded' design with low net weight and featuring modified arms to spread pressure evenly over the bale. Similar to Flexigrip but also well suited to handling smaller square bales. Available in 2 sizes to suit bales from 90 cm to 160 cm dia.

### **Bale handling and buckets**

All buckets are not created equal. The MF 900 Series Loader buckets are simply better. The range consists of 5 series, to suit varying workloads, with all buckets characterised by a conical 'hopper-shaped' design and laser-cut ends for non-spill, non-drop ability. Also included are special Grading and High-Tipping buckets. Note, all volumes shown are 'heaped'.



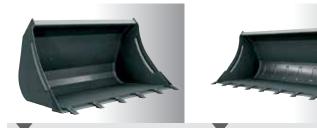
#### Square bale fork - Safety

Available in two widths and featuring vertically folding tines for additional safety during transportation and handling. The upper section is designed to eliminate bales falling back, after unloading at full height, when reversing. Optional back-rests and large-bag lifter also available. Available in 2 widths, 140 cm (2-5 tines) and 190 cm (5 tines).



#### Square bale fork

Simple, robust, but ideal for both round and square bales. The spacing of the tines can be adjusted along the box section from 80 cm to 130 cm. An optional U-shaped vertical rear extension can be supplied to help support the top bale. Width 140 cm.



#### • Series HT

Soil buckets, with teeth. Similar to the H Series, all the larger buckets in both these ranges have extra reinforcement between the back and the base. Available in 4 widths from 135 cm (0.54 m<sup>3</sup>) up to 210 cm (0.82 m<sup>3</sup>).





#### Series H

Soil buckets, the most popular and flexible in the range. A short bucket base means these are well suited to heavier tasks. Available in 5 widths from 135 cm (0.54 m<sup>3</sup>) up to 240 cm (0.95 m<sup>3</sup>).

### Buckets, silage handling and distribution

From the Multibenne, a perfect all-round silage handling implement, to the versatile Silograb, this range includes some of the most reliable and innovative silage handling equipment on the market today.



#### Series HD

The strongest buckets in the whole range. Based upon the H Series but feature: 20% thicker steel, a more powerful cutting edge, plus wider and longer floor reinforcement. Available in 4 widths from 185 cm (0.72 m<sup>3</sup>) up to 260 cm (1.03 m<sup>3</sup>).



#### Series HV

For users whose tasks require large volumes e.g. carrying grain, beet and feed. The large capacity is achieved through innovative bucket design, being deeper and taller than average. Available in 4 widths from 200 cm (1.16m<sup>3</sup>) up to 260 cm (1.85 m<sup>3</sup>).



Series L & LV An excellent choice for lighter duties and where budgets are limited. Available in 4 widths from 130 cm (0.51 m<sup>3</sup>) up to 220 cm (1.25 m<sup>3</sup>).



#### **Precision Buckets**

Designed for greater control of the emptying of material from the bucket. The long base of the bucket creates friction that slows the emptying and that gives the operator much more precision. There are two versions offered; straight bucket with parallel side gables (116 cm wide) and a conical bucket that has a narrower front (54 cm wide) for even greater precision. Both buckets are 209 cm long and 71 cm high.



Grading bucket Designed to provide excellent driver visibility to the tip of the bucket through its low back plate. Special 10 mm thick angle iron reinforces the 20 mm subframe plates, making this bucket the ideal implement for

grading tasks. Width 220 cm (0.65 m<sup>3</sup>).



High tipping bucket Increases loading height by 120 cm which means even a short, compact front loader can fill a high trailer. The bucket tips from the front edge, removing the necessity to wait for the front edge to clear the trailer side before reversing. Width 120 cm (2.00 m<sup>3</sup>).



#### Powergrab

Designed for silage clamp operations, Powergrab's wide jaw opening allows it to work against a vertical silage wall, whilst its conical bucket design ensures free discharge when emptying. Available in 4 widths from 185 cm (1.0 m<sup>3</sup>) up to 260 cm (1.4 m<sup>3</sup>).



#### Maxi grapple

A large jaw opening enables it to handle a wide range of materials, including large bales, plus many other types of load. A grappling arm can easily be removed if required. Available in 3 widths, from 210 cm up to 260 cm.



#### Silograb

The tines of this implement are mounted within a hardened box section, their close distribution eliminating silage spillage. Upper jaw tines follow a circular movement producing a clean cut. Available in 7 widths from 130 cm (0.69 m<sup>3</sup>) up to 250 cm (1.33 m<sup>3</sup>). The best loaders in the world deserve the best implements, purpose-designed for the machines that carry them and to suit the widest range of tasks. Here they are - the MF 900 Series Loader implement range from the world's leading manufacturer.



#### Pallet forks

Depending on loader dimensions, pallet forks can be specified with either: 97 cm forks (1000 or 1600 kg capacity), or 120 cm forks (2500 kg capacity). The upper profile is manufactured in one piece and is able to be adjusted laterally to suit the load, which is distributed over a large area thanks to the wide load-bearing surface. This provides a very stable fork with immense strength. Optional top grabs and spike attachments can also be fitted. A hydraulic pallet width adjustment is also available. Once fitted, the operator can change the width of the forks when staying in the cab.



#### Multibenne

A perfect all-round silage implement, from loading diet feeders to shovelling manure and other materials. A host of other design features make it a superb working implement. Available in 7 widths from 130 cm (0.66 m<sup>3</sup>) up to 250 cm (1.27 m<sup>3</sup>).



#### Silocut SE

Produces perfect silage blocks in seconds. Hardened cutting blades at both the front and side produce a clean cut surface in the clamp, critical for maintaining silage quality. Available in 4 capacities, from 0.72 m<sup>3</sup> up to 1.38 m<sup>3</sup>.



#### Manure forks

Manufactured with a specially hardened box section. The tines are fitted prior to painting and secured with a very high torque. A top performer with a long service life. Available in 5 widths, from 130 cm up to 230 cm.

### Forks, lifters and accessories

An indispensable Big Bag Lifter with a clever design feature, plus several essential accessories, complete the MF 900 Loader implement range.



**Universal fork** Without doubt the most powerful universal/stone fork on the market. It offers excellent visibility whilst retaining exceptional strength. The side forks feature ultra-hardwearing teeth. Available in 2 widths, 150 cm and 200 cm.



#### Professional stone fork

A heavy-duty fork, specially designed to retain the material in the bucket after loading. The leading edge has replaceable, downward facing teeth fixed to a rigid, high quality framework. Available in 2 widths, 150 cm and 200 cm.



#### Big bag lifter

Designed with a hook that is slightly offset to the side, giving the operator an unimpaired view when connecting with the bag handle. Has a width of 120 cm, a height of 170 cm and a maximum loading of 800 kg.



**Counterweight** An essential accessory. This high quality counterweight can be fitted and removed easily. Two sizes are available, 800 kg or 1500 kg maximum ballasted weight. Supplied without ballast.



**3-Point linkage** Can be used In a similar way to a tractor's 3-point linkage to help transport implements around the farm.



Euro hooks Weld-on Euro Hooks allow any implement to be modified for use on MF 900 Series Loaders.



Multipurpose bucket A high quality versatile bucket built to achieve many tasks : Standard bucket, hightip bucket, clamp, grading bucket. Available from 160 to 210 cm width.



#### Snow clearing bucket

This bucket is the perfect implement for snow clearance. The big volume will give maximum productivity. Two independent hydraulic wings, fitted, with plastic shield, will provide a great working accuracy. Several widths are available to match perfectly your tractor and loaders.



### Tractor/loader recommendations for parallel loader

| Models      | MF 926 | MF 936 | MF 938 | MF 939 | MF 946 | MF 948 | MF 949 | MF 956 | MF 958 | MF 966 | MF 968 | MF 976 | MF 978 | MF 988 |
|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MF 3600 A   | ٠      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| MF 4708/09  | -      | •      | -      | •      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      |
| MF 5410     | -      | •      | •      | •      | •      | •      | •      | -      | -      | -      | -      | -      | -      | -      |
| MF 5420-30  | -      | •      | •      | •      | •      | •      | •      | •      | -      | -      | -      | -      | -      | -      |
| MF 5440-50  | -      | -      | -      | -      | •      | •      | •      | ٠      | -      | -      | -      | -      | -      | -      |
| MF 5445-55  | -      | -      | -      | -      | •      | ٠      | ٠      | ٠      | -      | -      | -      | -      | -      | -      |
| MF 5460     | -      | -      | -      | -      | -      | -      | -      | •      | -      | -      | -      | -      | -      | -      |
| MF 5608-09  | -      | •      | •      | •      | •      | ٠      | •      | •      | -      | -      | -      | -      | -      | -      |
| MF 5610     | -      | -      | -      | -      | ٠      | ٠      | ٠      | •      | -      | -      | -      | -      | -      | -      |
| MF 5611-13  | -      | -      | -      | -      | ٠      | ٠      | ٠      | •      | -      | -      | -      | -      | -      | -      |
| MF 6600     | -      | -      | -      | -      | -      | -      | -      | •      | •      | •      | -      | -      | -      | -      |
| MF 7614-18  | -      | -      | -      | -      | -      | -      | -      | -      | -      | •      | •      | ٠      | -      | -      |
| MF 7619-22  | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | ٠      | ٠      | -      |
| MF 7624-26  | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | ٠      |
| MF 7714-18  | -      | -      | -      | -      | -      | -      | -      | -      | -      | •      | •      | ٠      | -      | -      |
| MF 7718-22  | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | -      | •      | •      | -      |
| MF 7724-26* | -      | -      | -      | _      | -      | -      | -      | -      | -      | -      | -      | ٠      | ٠      | ٠      |
| MF 8700     |        | _      | _      | _      | _      | _      | _      | _      | _      | _      | _      | _      | _      | •      |
| WII 0700    |        |        | _      |        | _      |        | _      |        |        | _      |        | _      | _      |        |

• Available / - Non Applicable \* MF 976 & MF 978 not compatible with factory fitted subframe.

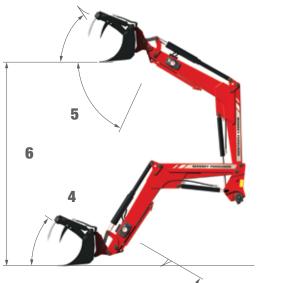
### Tractor/loader recommendations for Non-parallel loader

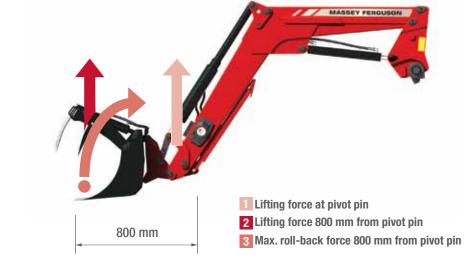
| Models     | MF 921 | MF 931 | MF 941 | MF 951 | MF 961 |
|------------|--------|--------|--------|--------|--------|
| MF 3600 A  | ٠      | -      | -      | -      | -      |
| MF 4708/09 | -      | ٠      | -      | -      | -      |
| MF 5410    | -      | ٠      | ٠      | -      | -      |
| MF 5420-30 | -      | ٠      | ٠      | ٠      | -      |
| MF 5440-50 | -      | -      | ٠      | ٠      | -      |
| MF 5445-55 | -      | -      | ٠      | ٠      | -      |
| MF 5460    | -      | -      | -      | ٠      | -      |
| MF 5608-09 | -      | ٠      | ٠      | ٠      | -      |
| MF 5610    | -      | -      | ٠      | ٠      | -      |
| MF 5611-13 | -      | -      | ٠      | ٠      | -      |
| MF 6600    | -      | -      | -      | ۰      | 0      |
| MF 7614-18 | -      | -      | -      | -      | •      |
| MF 7714-18 | -      | -      | -      | -      | •      |

• - Available / - : Non Applicable

### Non-parallel models

|   | NOTES | MF 921 | MF 931 | MF 941 | MF 951 | MF 961 |
|---|-------|--------|--------|--------|--------|--------|
| Lift height   |       |        |        |        |        |        |
| Maximum Lift Height - at Pivot Pin* - m                       |       | 3.20   | 3.50   | 3.75   | 4.00   | 4.25   |
| Maximum Lift Height - Under Level Bucket* - m                 | 6     | 2.90   | 3.20   | 3.45   | 3.70   | 3.95   |
| Lift Capacity to Maximum Height at Pivot Pin** - kg           | 1     | 1,730  | 1,760  | 2,150  | 2,310  | 2,710  |
| Lift Capacity to ground level at Pivot Pin** - kg             |       | 2,280  | 2,310  | 2,810  | 2,920  | 3,220  |
| Lift Capacity to Maximum Height @ 800 mm from Pivot Pin**- kg |       | 1,190  | 1,220  | 1,500  | 1,640  | 1,970  |
| Lift Capacity to 1.5m height @ 800 mm from Pivot Pin**- kg    | 2     | 1,230  | 1,250  | 1,560  | 1,680  | 1,980  |
| Lift Capacity to Ground Llevel @ 800 mm from Pivot Pin**- kg  |       | 1,360  | 1,730  | 1,860  | 2,130  | -      |
| Roll-back Force at Ground Level @ 800mm**                     | 3     | 2,350  | 2,410  | 2,800  | 2,840  | 3,360  |
| Maximum dump angle at Maximum Height                          | 5     | 64     | 58     | 60     | 56     | 52     |
| Maximum roll-back angle at Ground Level                       | 4     | 41     | 44     | 43     | 46     | 45     |
| Lifting rams diameter - mm                                    |       | 70/40  | 70/40  | 80/40  | 85/50  | 90/50  |
| Tilting rams diameter - mm                                    |       | 75/40  | 75/40  | 80/40  | 80/40  | 85/40  |
| Weight (Standard configuration) - kg                          |       | 436    | 450    | 515    | 554    | 628    |





### MF 900 X models

| MF 921X | MF 931X | MF 941X | MF 951X | MF 926X | MF 936X | MF 946X | MF 95 |
|---------|---------|---------|---------|---------|---------|---------|-------|
|         |         |         |         |         |         |         |       |
| 3.10    | 3.40    | 3.70    | 3.90    | 3.10    | 3.40    | 3.70    | 3.90  |
| 2.90    | 3.20    | 3.50    | 3.70    | 2.90    | 3.50    | -       | 3.70  |
| 1,530   | 1,700   | 1,800   | 1,890   | 1 950   | 1 410   | 1 510   | 2 440 |
| 2,360   | 2,510   | 2,730   | 2,940   | 1 950   | 2 100   | 2 320   | 2 790 |
| 870     | 970     | 1,010   | 1,080   | 1 200   | 1 520   | 1 590   | 2 120 |
| 1,210   | 1,370   | 1,520   | 1,670   | 1 400   | 1 560   | 1 710   | 2 250 |
| 1,450   | 1,600   | 1,770   | 1,960   | 1 580   | 1 660   | 1 850   | 2 330 |
| 1,880   | 1,910   | 2,300   | 2,760   | 1 500   | 1 890   | 2 280   | 3 360 |
| 50      | 50      | 49      | 46      | 50      | 50      | 49      | 52    |
| 42      | 44      | 42      | 43      | 42      | 44      | 42      | 44    |
| 65      | 70      | 75      | 80      | 60      | 65      | 70      | 85/50 |
| 65/32   | 70/40   | 75/40   | 80/40   | 65/40   | 70/40   | 75/40   | 85/40 |
| 310     | 335     | 360     | 390     | 360     | 390     | 420     | 721   |

### Tractor/loader recommendations for MF 900 X loader

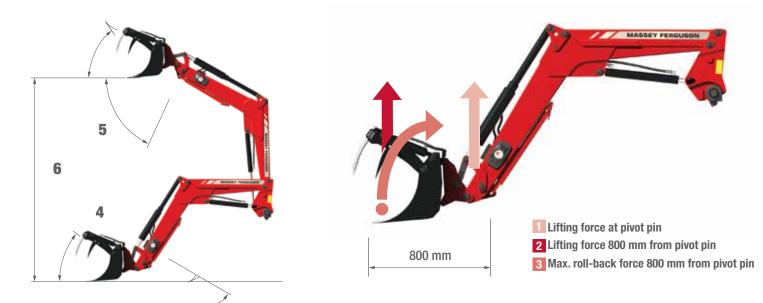
| Models            | MF 921X / MF 926X | MF 931X / MF 936X | MF 941X / MF 946X | MF 951X / MF 956X |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| MF 3600 A & S & F | •                 | -                 | -                 | -                 |
| MF 4708/09        | -                 | ٠                 | -                 | -                 |
| MF 5608-10        | -                 | •                 | •                 | -                 |
| MF 5611-12        | -                 | -                 | •                 | •                 |

• - Available / - : Non Applicable

### Parallel models

|   | NOTES | MF 926 | MF 936 | MF 938 | MF 939 | MF 946 | MF 948 |
|---|-------|--------|--------|--------|--------|--------|--------|
| Lift height   |       |        |        |        |        |        |        |
| Maximum Lift Height - at Pivot Pin* - m                       |       | 3.20   | 3.50   | 3.50   | 3.70   | 3.75   | 3.75   |
| Maximum Lift Height - Under Level Bucket* - m                 | 6     | 2.90   | 3.20   | 3.20   | 3.40   | 3.45   | 3.45   |
| Lift Capacity to Maximum Height at Pivot Pin** - kg           |       | 1,490  | 1,520  | 1,800  | 1,520  | 1,900  | 2,210  |
| Lift Capacity to ground level at Pivot Pin** - kg             | 1     | 1,820  | 1,920  | 2,270  | 1,560  | 2,400  | 2,770  |
| Lift Capacity to Maximum Height @ 800 mm from Pivot Pin**- kg |       | 1,280  | 1,310  | 1,590  | 1,310  | 1,630  | 1,920  |
| Lift Capacity to 1.5m Height @ 800 mm from Pivot Pin**- kg    |       | 1,370  | 1,440  | 1,740  | 1,360  | 1,800  | 2,110  |
| Lift Capacity to Ground Level @ 800 mm from Pivot Pin**- kg   | 2     | 1,500  | 1,530  | 1,840  | 1,380  | 1,910  | 2,250  |
| Roll-back Force at Ground Level @ 800mm**                     | 3     | 2,310  | 2,380  | 2,380  | 2,330  | 2,770  | 2,770  |
| Maximum Dump Angle - deg                                      | 5     | 63     | 58     | 58     | 58     | 60     | 60     |
| Maximum Roll-back Angle - deg                                 | 4     | 41     | 43     | 44     | 44     | 43     | 43     |
| Lifting rams diameter - mm                                    |       | 65/40  | 65/40  | 70/40  | 65/40  | 75/40  | 80/40  |
| Tilting rams diameter - mm                                    |       | 75/40  | 70/40  | 75/40  | 75/40  | 80/40  | 80/40  |
| Weight (Standard configuration)- kg                           |       | 505    | 521    | 531    | 531    | 585    | 585    |

\* : Height values for standard tractor (depends on tyres and equipments) \* \*: lifting force at 195 bar/ 2828 PSI



| MF 949         | MF 956         | MF 958 | MF 966         | MF 968 | MF 976         | MF 978         | MF 988 |
|----------------|----------------|--------|----------------|--------|----------------|----------------|--------|
| 3.90           | 4.00           | 4.00   | 4.25           | 4.25   | 4.50           | 4.50           | 4.95   |
| 3.60           | 3.70           | 3.70   | 3.95           | 3.95   | 4.20           | 4.20           | 4.65   |
| 1 000          | 2.060          | 2,370  | 0.440          | 2,780  | 2.400          | 2 020          | 3,070  |
| 1,890<br>2,220 | 2,060<br>2,520 | 2,890  | 2,440<br>2,790 | 3,170  | 2,490<br>2,990 | 2,820<br>3,380 | 3,930  |
| 1,600          | 1,720          | 2,010  | 2,120          | 2,450  | 2,120          | 2,430          | 2,770  |
| 1,720          | 1,930          | 2,250  | 2,250          | 2,590  | 2,370          | 2,700          | 3,050  |
| 1,800          | 2,070          | 2,410  | 2,330          | 2,680  | 2,540          | 2,900          | 3,340  |
| 2,830          | 2,810          | 3,850  | 3,360          | 4,470  | 3,870          | 4,480          | 4,460  |
| 54             | 55             | 55     | 52             | 52     | 52             | 52             | 49     |
| 45             | 45             | 45     | 44             | 45     | 44             | 44             | 44     |
| 75/40          | 80/40          | 85/50  | 85/50          | 90/50  | 90/50          | 95/50          | 95/50  |
| 80/40          | 80/40          | 90/40  | 85/40          | 95/40  | 90/40          | 100/50         | 100/50 |
| 595            | 621            | 621    | 721            | 731    | 760            | 775            | 838    |

\* : Height values for standard tractor (depends on tires and equipments) \* \*: lifting force at 195 bar/ 2828 PSI

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