The new Massey Ferguson Telescopic TH.8043 reaches a new dimension in terms of capacity and performance

The new telescopic has been presented at Innovagri (4-6 September, France), this model gives solution to most of the needs demanded by customers regarding the loading of materials, but not only in the agricultural field, but also for give it use in certain industrial applications.

> "This new model represents another important step for Massey Ferguson in this segment of the market," says Francesco Quaranta, Vice President of Sales & Marketing for Massey Ferguson for the EME zone. "The introduction of the new MF TH.8043 model is part of the continued focus on providing a complete and valuable line of products and services to our customers and business partners."

"This new machine is the result of intense communication with customers to see what could be added to their machines. The new model MF TH.8043 gives users a superior performance for tasks that demand strength, versatility and agility, both for farmers, as livestock or people who are dedicated to this sector who are looking for higher capacity machines designed from your needs. You will have to try it, to believe it! ", He adds.

MF TH.8043 Features

A new dimension in the capacities to work, with a maximum height of elevation of 7.5 m and a maximum load capacity of 4.3 tons. New 3500 L bucket - the largest capacity offered by the Telescopic Market. ? New arm design, offering superior work and capacity angles. New automatic suspension system in the arm. Load Sensing hydraulic system of high performance that allows us to reach 190 l / min in all functions through a new optimized design. Comfort during handling and great precision thanks to the hydrostatic transmission, with an intuitive system to facilitate handling and therefore operation and performance. A great performance thanks to a 3.4-liter engine, equipped with a power of 130 hp. The machine offers unique visibility and comfort, from the best on the market, thanks to the design of a single cabin that allows a 360º vision for the operator and reduces noise levels.

Compact size. With a great performance

Among the characteristics of the new MF TH.8043 we can highlight a maximum elevation of 7.5 meters, while the maximum load capacity is 4300kg (13% more if we compare it with the MF TH.7038).

The new load capacity in normal conditions of loading of trailers (4 meters of elevation of elevation and about 2 meters of extension of arm) is now of an incredible 4300kg. This increase is very significant, about 700 kg more compared to the MF TH.7038, this leads to new levels of production. The load capacity at the point where the arm is fully extended has also been improved to 1600 kg. The new MF TH.8043 is therefore capable of lifting heavy materials even when they are at a great distance from the machine itself.

This engineering work has been carried out by the research and development departments, to give this machine a greater capacity for work, but always maintaining the compact dimensions of its small brother, the MF TH.7038. The total length of the machine is below 5 meters and the total width does not exceed 2.36 meters (460/70 wheel R24). All this, together with an unalterable wheelbase of 2870mm, is combined to produce stability, agility and very large working capacities.

"Our engineers carefully optimize the key components of our model, such as the arm, the hydraulic system and the transmission, in order to offer greater performance with a size as before, and to provide us with agility and stability," says Damien. Deglaire, Product Marketing Manager of Massey Ferguson EME.

New arm installation

The arm, a key component of this machine, is not only 50 cm longer to reach a higher lifting height, but also the new design of the arm head. The Z-shaped design that provides us with a combination of increased work capacity and complete system integration. This new Z-shaped head gives us greater angles of work, with an increase of 13º in the angle of discharge (49º in total) and an increase of 17º in the range of total movement of the head (159º). This new system is fully

integrated, has no impact on work capabilities or visibility (for example, there is no problem with the loading of bales). At the same time, durability is improved.

High performance optimized hydraulic system

The Load Sensing hydraulic system delivers a flow of 190 l / min with a total flow for all the functions of the machine, reaching levels of production and efficiency in which no rival, in addition to a reduction in fuel consumption. The diameter of the lifting cylinder is greater (160mm) and an improvement of the hydraulic pipe system, to further improve the lifting ca

pacities and reduce the times of a cycle.
The new MF TH.8043 installs the BCS - Boom Control System - as a standard equipment. This allows the operator to adjust precisely the flow required by the different functions of the arm to achieve greater precision when necessary. Meanwhile the "Cushion Retract" ensures smooth operations by reducing the flow of the arm when it reaches the last few centimeters of its retraction or the maximum of its extension or overturning of the bucket.

The auxiliary front plugs with quick coupling are part of the standard equipment, while the 4th and 5th functions can be specified as an option through the integrated electrical plug.

A great performance and a low maintenance engine

The MF TH.8043 works thanks to a high performance engine of 3.4 liters, 4 cylinders and 130 hp that uses a very simple technology to comply with the latest emission regulations. It does not need a variable geometry turbocharger or a particulate filter (FAP), the maintenance-free emission control system provides total power at all times. For people working in dusty conditions, an inverted fan is part of the standard equipment that keeps the air intakes clean while the engine cools and runs at peak performance. This system can be adjusted to work automatically, depending on the air temperature or it can also be adjusted to work at pre-set time intervals. The ECO mode reduces consumption since it handles the oil flow and the engine speed.

Smooth, comfortable and efficient transmission

The hydrostatic transmission (has 2 mechanical ranges and 2 hydrostatic ranges) gives us a unique combination of comfort, efficiency and precision. The Speed ??Control System (SCS) - enables the operator to set the speed of advance regardless of the speed at which the engine is. This ensures optimal performance and efficiency when tasks that require high flow rates are being performed.

Meanwhile, AutoShift takes care that the hydrostatic ranges of the change descend automatically when the effort increases, which guarantees a greater comfort and efficiency. Extremely precise and comfortable when needed, the hydrostatic transmission components have been upgraded so that they can offer greater lifting capacity. Now at 7400 kg (+ 700 kg) this allows the operator to transport heavier loads and this translates into higher productivity. Stable and durable

The 2.87 m wheelbase of the MF TH.8043 is the benchmark in terms of stability and traction, without compromising stability. The new counterweight of 1280 kg (+ 425 kg compared to that of the MF TH.8043) ensures very high stability. Its curved design contributes positively to the maneuverability of the machine with a small turning circle of 3.71 meters.

The TH range of MF has always been recognized for its high strength design, which includes a thick metal plate under the machine that provides maximum durability. The new MF TH.8043 continues this tradition and has comprehensive protection under the machine as a standard feature.

Comfort and visibility in a single cabin design

Like any other Massey Ferguson product, the MF TH.8043 is designed with the customer in mind. The cabin offers unique visibility and comfort, among the best on the market, thanks to the design of a single cabin that allows a 360º vision for the operator.

A large door offers the operator easy access to a clear and ergonomic environment, including a multifunction digital dashboard that allows the operator to easily and precisely configure the functions of the machine. The intuitive operation of the arm is given by a multi-function joystick that also offers the option to control the transmission, reverse gear or select the neutral position. The noise level has been reduced, which guarantees a significantly quieter working environment,

offering more comfort during longer work days. Within the cabin, a wide range of options is available to further contribute to operator comfort. This includes a simple and very efficient mechanical air conditioning system and an extremely comfortable premium suspended seat.

The little things that make the difference

Sometimes, small details can make a big difference when a machine is being used daily. The Massey Ferguson intelligent systems and automations make the day to day work of the operator simpler and easier. The automatic parking brake offers an additional degree of safety. Automatically activates the parking brake at low revolutions of the engine and when the machine is in neutral or off. The automatic suspension of the arm offers superior comfort for the operator thanks to its automatic activation depending on the forward speed. An optional LED package that includes work lights, road lights and a beacon that provides excellent visibility in dark conditions, while reducing fuel consumption thanks to matrix LED technology. This technology also integrates indicators of sliding effect, inspired by the latest technology for cars available in the market.

Flexibility is the strong point

The new MF TH.8043 is the perfect machine to adapt to any need in agriculture. A wide variety of options that allow the customer to create a machine that perfectly meets their needs. A wide range of attachments are available, including a new, lightweight, 3500 L high capacity bucket. It is the largest bucket available today for a telescope. This implement increases productivity by 20% compared to the previous model. With the system of head of quick connection of hydraulics accionamiento optional, these implements attach and disengage with ease, without need to leave the cabin. Equipped with a range of couplings, the MF TH.8043 drags the trailers with ease, using a fixed, adjustable or automatic fork, as well as the option of a pick-up hitch.

Wide and complete range

The telescopic series, MF TH, now offers 6 models - from the most compact to the largest capacity - to meet different needs.

YOU MAY ALSO LIKE:

??The Dyna-4 transmission expands the options of the Massey Ferguson MF 5700

Global series

??Massey Ferguson presents its brand strategy and the main novelties that will be launched at FIMA