MANISCOPIC MLA 628 - 120 LSU PS

The most advanced articulated model on the market

MANITOU

Combining the proven Manitou virtues of qua performance and comfort, the MLA 628 - 120 LSU

Performance

Powered by the latest low emission **123 bhp Intercooled Perkins** turbocharged Vista engine (EU stage 2) there is both ample reserves of power available with the benefit of reduced fuel consumption.

Clark powershift transmission with 4 forward/3 reverse speeds together with **large diameter torque convertor and new high torque axles** with limited slip differentials and inboard power brakes in both axles ensure maximum traction and control even in the most demanding applications.

Using a variable flow piston pump with the latest **Manitech technology** which automatically adjusts the hydraulic flow rate to the power required thus saving energy and increasing efficiency the **Load Sensing Ultra system** has an output of **150 litres/min at 270 bars** which allows **quick**, **smooth and responsive 2, 3 or even 4 simultaneous movements** of all loader functions perfectly synchronised now with **twin roller Joystick giving fully proportionnal control of telescopic and auxiliary functions.**
The result is reduced cycle times, increased output in tonnes/hour,
- very important for example, when loading a manure spreader.

Comfort and safety

1390 mm

1520 mm

The very low boom pivot together with extra chassis weight ensure a stability rating in excess of that usually found with a pivot steer telescopic – greatly contributing to driver confidence.
Not only does the operator benefit from **the comfort of a very large sound insulated quiet centrally mounted cab -2,3 m³ of volume-** and with easy access either side facilited by the hinged console housing the servo control joystick, he enjoys **total visibility at all times** and can thus work long hours with less fatigue and in total safety thanks to **ROPS/FOPS** and even **ANSI** protection.
Also, the **CRC** (Comfort Ride Control) system available as an option, offers a safe boom suspension for loads together with comfortable driving on roads or off, and reduces strain on components. The driver also has the benefit of the floating position when mucking-out, which reduces wear on both the bucket and the concrete floor.

Versatility

Lift, place, clean out, carry, tow, sweep, ...
The versatility of the MLA is unlimited! With "Z" bar linkage affording optimum bucket tearout and excellent boom head rotation, digging manure or other heavy materials is an easy task – thanks again to the Load Sensing hydraulics which adjust the flow rate to just power required.
Truly multi-purpose, the **MLA 628-120 LSU PS** can change any number of attachments **quickly** and **effortlessly** making the machine the most used on the farm.

By grouping together on the joystick, **the control of both boom and the gear selection**, ergonomics are improved as well as precision and speed of cycle times : the right hand is used for both controlling the boom and gear changing while the left hand steers or engages the forward/reverse lever.

The **"kick down - kick up"** button is not only situated at the end of the forward/reverse gear change control but now in addition is placed on the hydraulic joystick and thus it is possible to engage a lower gear and come back to the initial one by simply pressing a button without taking one's hand off the steering wheel.
It is also possible to change up a gear by "double clicking" the same button when the machine has reached a given speed.
This makes it ideal for silaging, for example. When working in second gear, the operator
can come down to first gear when pushing or climbing up the clamp
but go back into second when changing direction
at the top.

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