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**TMA**

Always a differential.

# THE EVOLUTION OF FORCE



**SEE THIS MACHINE ON THE FIELD**

**THE BEST**  
**OF MANEUVERABILITY**

**CIRCULAR**  
**MANEUVER**



# VTX 5022 SUGAR CANE WAGON

TMA sugar cane wagon stands out for its robustness and operational performance. Its structure is designed to support the most severe working conditions.

## SOME OF ITS ADVANTAGES ARE:

- ▶ The largest actual volume available in the 50m<sup>3</sup> auditable cargo basket: approximately 22.000kg.
- ▶ Shorter maintenance cycle.
- ▶ The smallest turning radius on the market.
- ▶ Load elevator with favorable angle for filing.
- ▶ Greater reach on the transport trailer, centralizing the load.

## TECHNICAL SPECIFICATIONS

TOTAL WIDTH	3.740 mm
TOTAL LENGHT WITH HEADER	9.810 mm
TOTAL HEIGHT	3.965 mm
SWING HEIGHT	5.510 mm
LOADING HEIGHT	4.800 mm
GAUGE	2.400 mm / 2.800 mm / 3.000 mm
HIGH-FLOTATION TIRES	600/50-22.5 DIAGONAL
VOLUMETRIC CAPACITY	49,55 m <sup>3</sup>
HEAPED VOLUMETRIC CAPACITY	50 m <sup>3</sup>
LOADING CAPACITY	21.000 kg a 23.000 kg
TOTAL WEIGHT	13.800 kg
REQUIRED POWER	180 HP
HYDRAULIC FLOW	120 L/min

## TMA EXCLUSIVE QUADREM SUSPENSION

- ▶ 30° steering on the axles.
- ▶ Axles manufactured with high-strength materials and a capacity of 12.5 t each
- ▶ Robust spring beams with reinforced balance system.
- ▶ Tubeless brake system with double springs and 8" brake lining.
- ▶ 40L Air Reservoir.
- ▶ Relay valves.
- ▶ Safety valve.
- ▶ Safety system.

## HYDRAULIC CIRCUIT

- ▶ Hydraulic cylinder ø3.1 x ø2X5" x 2.000 mm with 25000 kg lift capacity each.
- ▶ Safety valve approved to meet the NR 12 safety standard.
- ▶ Hydraulic hoses sized to meet the NR 12 safety standard.

## ELECTRIC CIRCUIT

- ▶ Auxiliary LED headlights.
- ▶ Siren reverse gear horn.
- ▶ LED flashlight lamp.
- ▶ 6-pin or standard tractor plugs.

## HEADER

- ▶ Reinforced header with ø100mm pinball coupling and fixing flange.
- ▶ Safety Chain.
- ▶ Support leg.

## LOAD ELEVATOR

- ▶ Sturdy rectangular structure.
- ▶ Pulleys with treated and lubricated bushings.
- ▶ Bearing with special bushings, without need for lubrication.
- ▶ Safety pin with padlock for maintenance.

## LOAD TANK

- ▶ The highest volumetric capacity of the market (auditable).
- ▶ Produced with QDR tubes with higher moment of inertia and less weight.
- ▶ Expanded upper plate and plain baseboard for better drainage.

## OPTIONALS:

- ▶ WHEEL CALIBRATION SYSTEM ®.
- ▶ Radial Tires 600/50-22.5.
- ▶ Adjustable header.



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