



Always a differential.

# THE EVOLUTION OF POWER



**SEE THIS MACHINE ON THE FIELD**

**THE BEST  
OF MANEUVERABILITY**

**CIRCULAR  
MANEUVER**



# VTX 6030 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 63m<sup>3</sup> cargo basket: approximately 30.000 kg.
- ▶ 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	4.120 mm
TOTAL LENGTH WITH REAR HITCH	11.050 mm
TOTAL HEIGHT	3.980 mm
LOADING HEIGHT	3.600 mm
TRANSSHIPMENT HEIGHT	4.700 mm
GAUGE	2,8 m and 3,0 m
VOLUMETRIC CAPACITY	60 m <sup>3</sup> (Actual)
HEAPED VOLUMETRIC CAPACITY	63 m <sup>3</sup> (estimated)
LOADING CAPACITY	30.000 kg * varies with sugarcane density
TOTAL WEIGHT	16.900 kg
REQUIRED POWER	235 HP
HIGH-FLOTATION TIRES	600/50-22,5

## EXCLUSIVE TMA PENTA (5 AXLES) SUSPENSION

- ▶ 30° steering on the axles.
- ▶ Axles manufactured with high-strength materials and a capacity of 12.5t each.
- ▶ Robust spring beams with reinforced balance system.
- ▶ Tubeless brake system with double springs and 8" brake lining.
- ▶ Brakes available on 3 axles.
- ▶ 80L Air Reservoir.
- ▶ Relay valves.
- ▶ Quick exhaust valves.
- ▶ Security System.

## HYDRAULIC CIRCUIT

- ▶ Hydraulic cylinder  $\varnothing 6 \times \varnothing 4'' \times 2000$  mm.
- ▶ 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  $\varnothing 100$ mm 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

- ▶ Produced with QDR tubes with higher moment of inertia and less weight.
- ▶ Expanded upper plate and plainbaseboard for better drainage.

## ELEVATOR EQUALIZER

- ▶ Synchronized lifting system, equalizes the ascent of the elevator.
- ▶ Overload positioning sensor in relation to the trailer.

## OPTIONALS:

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



**TMA**

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