



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 63m³ 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 ³ (Actual)
HEAPED VOLUMETRIC CAPACITY	63 m ³ (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

3100, Thomaz Alberto Whately Av.
Pq. Ind. Coronel Quito Junqueira
14075-380 - Ribeirão Preto/SP

Corporate TMA: +5516 3969.4933 | Technical Assistance WhatsApp: +5516 99772.5083

Business WhatsApp: +5516 99629.7181

WWW.TMAMAQUINAS.COM.BR



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BRAZIL

