



Always a differential.

THE EVOLUTION OF POWER



WATCH OUR SUGAR CANE WAGON

THE BEST OF MANEUVERABILITY

CIRCULAR MANEUVER



VTX 5022 S 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 cargo basket.
- ▶ 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	4.000 mm
TOTAL LENGTH WITH HEADER	9.200 mm
TOTAL HEIGHT	3.965 mm
SWING HEIGHT	5.150 mm
HEIGHT IN LOADING	4.800 mm
GAUGE	2.800 mm / 3.000 mm
HIGH-FLOTATION TIRES	600/50R-22.5 RADIAL
VOLUMETRIC CAPACITY	46 m ³
HEAPED VOLUMETRIC CAPACITY	48 m ³
LOADING CAPACITY	20.000 kg to 22.000kg
TOTAL WEIGHT	12.600 kg
REQUIRED POWER	180 cv
HYDRAULIC FLOW	120 L/min

TMA EXCLUSIVE TRIDEM 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.
- ▶ Brakes available on second and third axles.
- ▶ 40L Air Reservoir.
- ▶ Relay Valve.
- ▶ Discharge valve.
- ▶ Safety System.

HYDRAULIC CIRCUIT

- ▶ Hydraulic cylinders 5" x 3.1/2" x 2.000 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 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 ®.
- ▶ Adjustable header.



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