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THE EVOLUTION OF FORCE



SEE THIS MACHINE ON THE FIELD

THE BEST
OF MANEUVERABILITY

CIRCULAR
MANEUVER



VTH 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 50m³ 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
HEAPED VOLUMETRIC CAPACITY	50 m ³
LOADING CAPACITY	21.000 kg a 23.000 kg
TOTAL WEIGHT	13.800 kg
REQUIRED POWER	150 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®.
- ▶ Adjustable header.
- ▶ Planter loading kit.

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