



Always a differential.

# THE EVOLUTION OF POWER



**WATCH OUR SUGAR CANE WAGON**



# VTX 9040 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 90 m<sup>3</sup> cargo basket: approximately 45.000 kg.
- ▶ Shorter maintenance cycle.
- ▶ The smallest turning radius on the market.
- ▶ Load elevator with favorable angle for filling.
- ▶ Greater reach on the transport trailer, centralizing the load.
- ▶ Its volumetric capacity makes it possible to fill each semi-trailer of the truck tractor with a single supply (single load).

## TECHNICAL SPECIFICATIONS

|                              |                               |
|------------------------------|-------------------------------|
| TOTAL WIDTH                  | 4.240 mm                      |
| TOTAL LENGHT WITH REAR HITCH | 14.140 mm                     |
| TOTAL HEIGHT                 | 3.980 mm                      |
| LOAD HEIGHT                  | 3.600 mm                      |
| TRANSSHIPMENT HEIGHT         | 4.700 mm                      |
| GAUGE                        | 3.000 mm                      |
| VOLUME CAPACITY              | 90 m <sup>3</sup>             |
| HEAPED VOLUMETRIC CAPACITY   | 90 m <sup>3</sup> (estimated) |
| LOAD CAPACITY                | 45 t.                         |
| EQUIPAMENT TARE WEIGHT       | 20 t.                         |
| MINIMUM REQUIRED POWER       | 230 hp                        |
| HIGH-FLOTATION TIRES         | 600/55-26.5                   |

## EXCLUSIVE TMA HEXA (6 AXLES) SUSPENSION

- ▶ 30° steering on the axles.
- ▶ Electronic system for selective blocking of directional axles.
- ▶ Tubeless brake system with double springs and 8" brake lining.
- ▶ Brakes available on 5 axles.
- ▶ 03 40L Air Reservoir.
- ▶ Relay valves.
- ▶ Quick exhaust valves.

## ELECTRIC CIRCUIT

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

## HYDRAULIC CIRCUIT

- ▶ Hydraulic cylinder ø4" x ø7" x 2000 mm.
- ▶ Safety valve approved to meet the NR 12 safety standard.
- ▶ Hydraulic hoses sized to meet the NR 12 safety standard.

## 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.

## ELEVATOR EQUALIZER

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

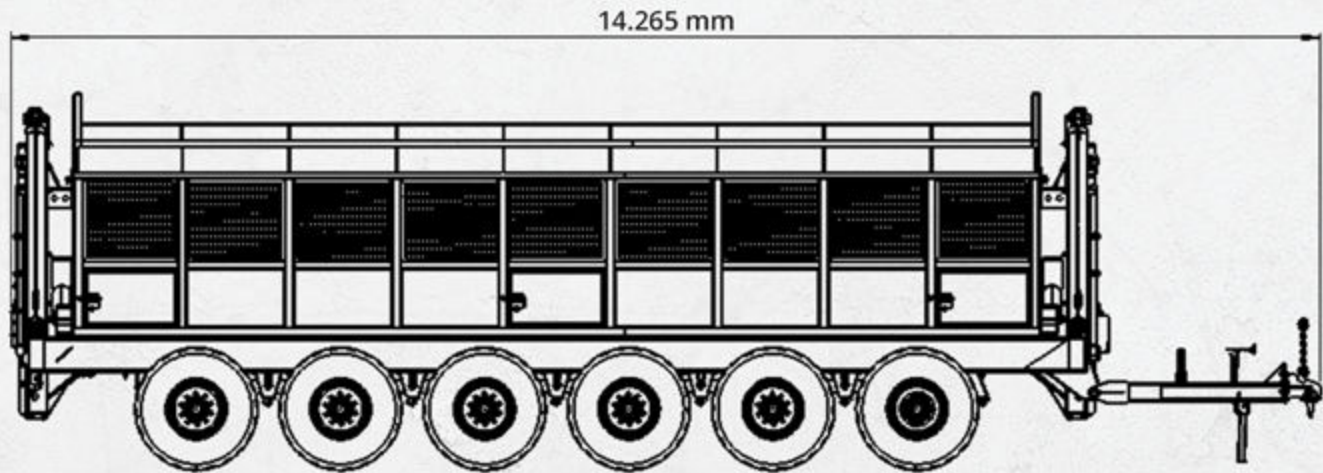
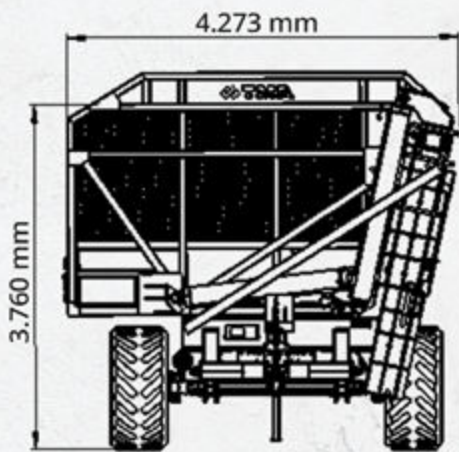
## LOAD TANK

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

## OPCIONAIS:

- ▶ WHEEL CALIBRATION SYSTEM ®.
- ▶ Monitoring kit with rear camera and pneumatic lens cleaning system.
- ▶ Electronic System for selective locking of directional axles.
- ▶ Radial tires.
- ▶ Proximity and position sensors.

# THE WORLD'S LARGEST SUGAR CANE WAGON IS FROM TMA



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MADE IN  
BRAZIL

