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**TMA**  
Always a differential.

# THE EVOLUTION OF POWER



**WATCH OUR VINASSE CART**





# CVX 35000

## VINASSE CART

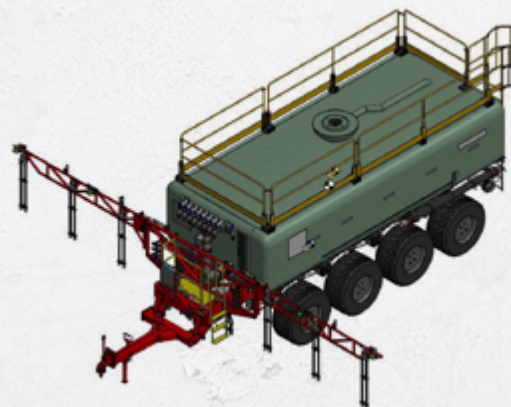
Developed as fertigation equipment, its objective is the accurate application over the sugarcane row, avoiding waste and improving the productivity of the sugarcane fields. It can be applied to the straw or to the plant or the ratoon.

The equipment was built to be used all year round and not only during the harvest, which is when vinasse is available. It can be used in the distribution of liquid fertilizer, even in water irrigation in times of droughts as well as in water rescue.

### TECHNICAL SPECIFICATIONS

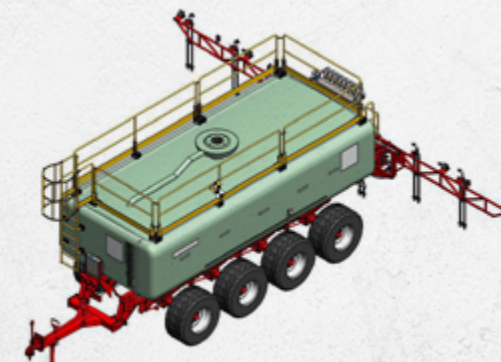
CAPACITY	35.000 L
PUMP FLOW	300 m <sup>3</sup> /Ha
MIN / MAX APPLICATION RATE	15.000 / 70.000 L/Ha
MIN REQ POWER	230 HP
COUPLING	PINBALL Ø 100 mm
SUSPENSION	QUADREM 1ST AND 4 TH DIRECTIONAL AXLE 30
BRAKE SYSTEM	BRAKE ON 2 AXLES WITH DOUBLE SPRING BRAKE
GAUGE	3.000 mm / 2.400 mm
HIGH FLOTATION AND LOW COMPACTION TIRES	600/50-22.5 OPTIONAL – 600/50R22.5
SPACING	Conventional: 1,5 x 1,5 m Double Alternating: 0,9 x 1,5 or ask for more options
HYDRAULIC SYSTEM	MIN REQ FLOW 100 L/min RECOMMENDED HIGH
AUTOMATION SYSTEM	FULL INDEPENDENT FULL ISOBUS

### BAR POSITION VERSIONS



#### FRONT BAR

- ✓ Better visualization of the bar
- ✓ Higher trampling in the vinasse
- ✓ Minor non-application areas



#### REAR BAR

- ✓ Worse visualization of the bar
- ✓ No trampling in the vinasse
- ✓ Major non-application areas



# OPTIONALS

Our vinasse carts can be equipped with options that add even more versatility to your operation. Check out the available options below:

## INSECTICIDE APPLICATION AND BIOLOGICAL COMPONENTS KIT

- ▶ Composed by the 2 systems, being 1 tank of 600 L for insecticide and 1 thermal tank of 600 L for biological product.

## INSECTICIDE APPLICATION KIT NOZZLE-TO-NOZZLE

- ▶ Composed of an application rate controlled system through an electromagnetic flow meter and controlling valves.
- ▶ Features nozzle-to-nozzle sectioning.
- ▶ Its system controls the pressure in order to keep the spray droplet preserved.
- ▶ Tank with 1,200 L capacity.

## LIQUID FERTILIZER APPLICATION KIT

## INSECTICIDE INCORPORATION KIT

## KIT FOR APPLICATION OF INSECTICIDE INCORPORATED IN THE VINASSE

- ▶ Composed of an application rate controlled system through digital electromagnetic flow meter.
- ▶ Its flow meter has a display for programmed control of the mixture with the vinasse, controlling the amount of solution incorporated into the vinasse.
- ▶ Tank with 1,200 L capacity.

## APPLICATION KIT FOR BIOLOGICAL PRODUCTS

- ▶ Composed of an application rate controlled system through an electromagnetic flow meter and controlling valves.
- ▶ It has a nozzle-to-nozzle sectioning and a thermal tank to preserve the biological agents.
- ▶ Its system controls the pressure in order to keep the spray droplet preserved.
- ▶ Tank with 1,200 L capacity.

## NOZZLE-TO-NOZZLE CONTROL





## FULL ISOBUS AUTOMATION

- Automation that depends on tractor technology, communication can (ISOBUS) between the trailer and the display already on the tractor.
- The tractor must have an ISOBUS socket, with the CAN Network connected to the display and the task controller feature unlocked.



**Pro 700**



**NH Intelliview**



**GS3/ Gen4**



**FMX**



**XCN/ TMX**



### Standardized ISOBUS connection

ISO UT SYSTEM, plug-and-play, compatible with most Virtual Terminals (VT).

Tractor must have ISO plug and Task Controller (TC) unlock for Section Control Variable Rate (with prescriptions) and Mapping (Data Logging).

## FULL INDEPENDENT AUTOMATION

- Automation does not depend on the characteristics or functions that the tractor may have. It works with or without tractor technology.
- It comes with its own display and GPS antenna (Raven).
- It can be used on any tractor.



**Antenna**



**Display CR7**



**RCM:** Controls the speed and cut-off sections row-by-row. Simple diagnostics and readout testing, configuration, and calibration. ISOBUS Compatibility and Task Controller.

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