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THE EVOLUTION OF POWER



SEE THIS MACHINE ON THE FIELD

**SIMULTANEOUS
PLANTING**



PTX 7010 SUGAR CANE PLANTER

It stands out for its functionality and operational performance. Pulled by tractors with power above 200 hp, it simultaneously performs two rows (attending all row spacing), furrowing operations, fertilization, seedling distribution, insecticide and fungicide application, and furrow's covering by adjustable discs to eliminate the air around the sugar cane stalks. The seedlings load from the cargo compartment is carried out by gradual overflow of the cargo box, by hydraulic cylinders, maintaining adequate distribution of seedlings in the desired amount.

TMA Sugar Cane Planter has a series of options, such as automation with several controls, straw cutting disc, among others.

TECHNICAL SPECIFICATIONS

VOLUMETRIC CAPACITY 18 m³ / 635,6 ft³

WIDTH (WITHOUT WOODEN HEIGHT EXTENTION) 3.800 mm / 149,6in

EQUIPMENT WEIGHT 11.500 kg / 22.353 lb

ROW SPACING 900 to 1.500 mm / 35,4 to 59 in

HYDRAULIC FLOW REQUIRED (AUTOMATED) 135 L/min / 35,6 gpm

SUSPENSION TANDEM

RECOMMENDED POWER 200 to 260 hp

LENGTH 9.600 mm

HIGH-FLOTATION TIRES 600/50-22.5" or 500/60-22.5"

FURROW DEPTH 250 to 400 mm

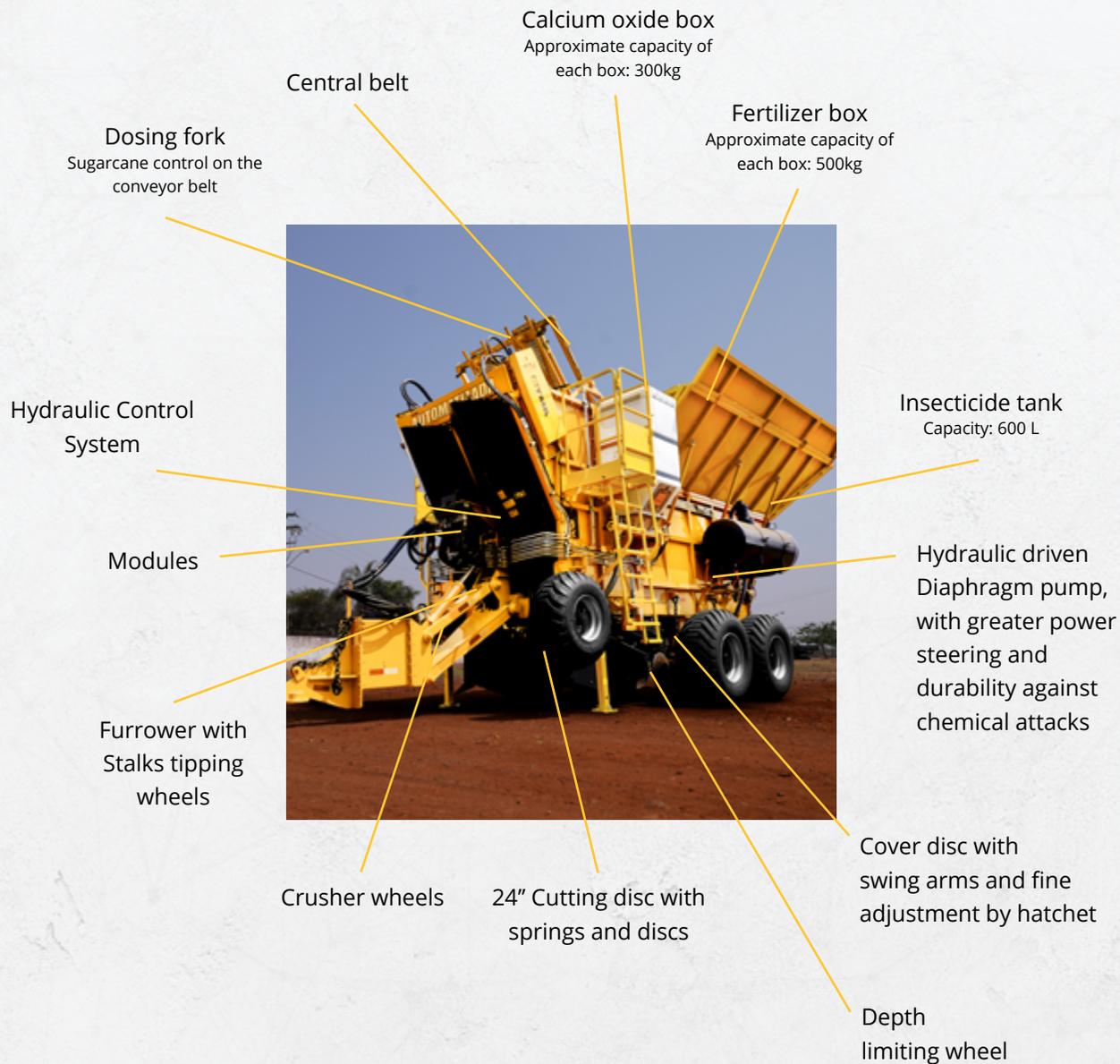
ADJUSTABLE AXLE GAUGE 2.400 to 3.000 mm / 94,4 to 118,1in

MAIN ADVANTAGES

- ▶ Stalks length: 300 to 450mm / 11,8in to 17,7in.
- ▶ Two furrowers with fusible disarm, giving more performance and control over the furrow width.
- ▶ The furrower allows settings for row spacing, depth, and furrow width.
- ▶ Fertilizer Application (granular): two polypropylene boxes with worm thread and bottom stainless-steel pipe. Optional: Liquid fertilizer.
- ▶ Liquid insecticide tank capacity: 600 liters or 158 gallons reservoir tank.
- ▶ Chemical defensive with diaphragm pump for aggressive products with hydraulic motor drive and greater power steering.
- ▶ A proportional hydraulic command for all automation functions.
- ▶ The Hydraulic System is controlled by Proportional Valve Group PVG. When it's connected to the tractor's Load Sense signal, it acts smartly by exchanging information with the Planter's Automation System, so that the planter demands from the tractor only the necessary oil, as the Load Sense control tells the tractor pump how much oil it needs at that specific moment of operation. This way, it prevents the machine from overheating because you won't have a large flow of oil going through the equipment all the time and back into the tank. Lastly, there is a decrease in the fuel consumption.
- ▶ Row Spacing: 900mm to 1.500mm / 35,4in to 59in.
- ▶ Depth-limiting wheel: with 400/60-15.5" tires, it helps regulating the depth of the furrow.
- ▶ Covers: 18" concave disc, swing arms to copy the ground, fine adjustment by ratchet on the disc angulation. Hydraulic drive for pickup and transport.
- ▶ Two tipping wheels for settling the stalks.
- ▶ Disruptor: two clod crusher wheels hydraulically driven.
- ▶ Wheelset: Tandem system axle with high flotation / low pressure tires, which reduces the soil compaction.
- ▶ Greater capacity and autonomy of the compartments (seedlings, pesticides and fertilizers).
- ▶ Planting monitoring shielded cameras, infrared and IP67. 10.5" /15,5 inches monitor screen for simultaneous visualization of 4 cameras.

OPTIONALS:

- ▶ Constant Automation rate.
- ▶ Variable Automation rate.
- ▶ Liquid fertilizer: 2 tanks of 1.200 L.
- ▶ Calcium oxide box: 2 boxes 300 kg each in 304 stainless steel.
- ▶ Radial tires.
- ▶ 23" straw cutting disc with spring system.



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BRAZIL

