

FERTILIZER SPREADER

UNIPORT 8030 NPK



NEW DESIGN. MORE COMFORT AND PERFORMANCE WITH THE BEST JACTO TECHNOLOGY.





UNIPORT 8030 NPK

Quality and precision
in fertilizer, powder, lime,
and seed spreading

A self-propelled fertilizer spreader with an 8,000-kg hopper capacity and an up to 50-m application width.

A new wide and comfortable cab for the operator. **Uniport 8030 NPK** provides perfect distribution allied to easy adjustment and uniform application width for granular fertilizers, in addition to enabling the spreading of powder products and seeds.

A robust machine that delivers dosage and spreading precision, providing high-quality fertilizer spreading in large areas.

Jacto high technology solutions at your disposal.





New design

It has been remodeled with a front engine and a new chassis, which provide better weight distribution. The cab offers wide inside space, with redesigned controls to be ergonomic and simple for operators.

New suspension

It has extended suspension stroke, repositioned pneumatic springs, and exclusive spring and shock absorber calibrations, providing greater operational comfort.



Unitrack Steering System

Uniport 8030 NPK comes standard with the exclusive **Unitrack** rear steering system that enables working with a turning radius 35% smaller and reduces crop damage in maneuvers by up to 40%.





Fertilizer hopper

Capacity for up to 8,000 kg or 8 m³. An increase of 60% in capacity and 20% in daily production, allowing high operational capacity.

Drop point

The application width can be automatically adjusted by changing only the fertilizer drop point on the discs without modifying the angles of the vanes or the disc rotation. The **SmartSet** app determines the drop point.



12-section automatic control

The application width is subdivided into twelve sections, which open and close automatically, minimizing overlaps when entering and leaving boundaries.

Depending on the field format, **fertilizer savings can reach up to 15%***. The automatic section control considers the real spread pattern of rotational disc fertilizer application.

*It depends on the format of the applied area compared to a conventional system

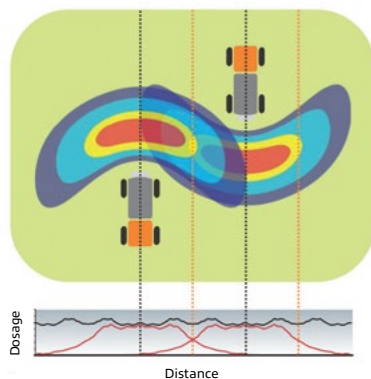


Boundary control

Uniport 8030 NPK has a two-level boundary control system, which lowers application errors in boundary operations and minimizes fertilizer application in non-desired areas, such as tracks, environmental preservation areas, and watercourses.

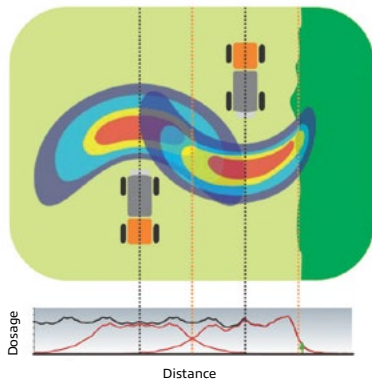
In addition to the higher environmental protection, it promotes savings in using fertilizers.





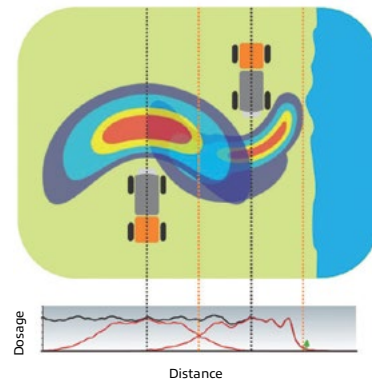
APPLICATION WITHOUT BOUNDARY CONTROL

For applications with full widths. We do not recommend it for boundaries.



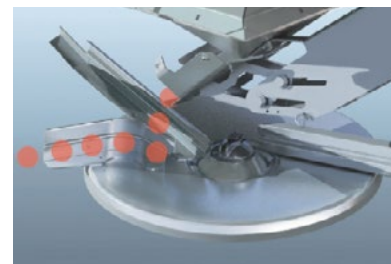
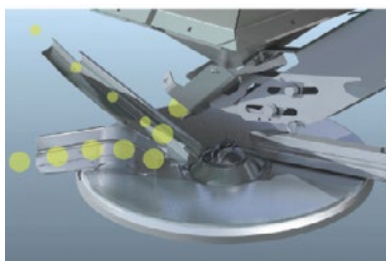
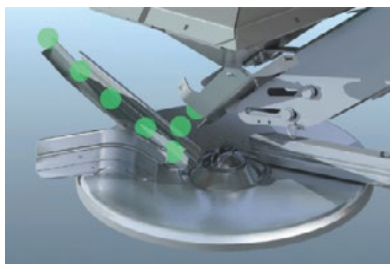
APPLICATION WITH BOUNDARY CONTROL

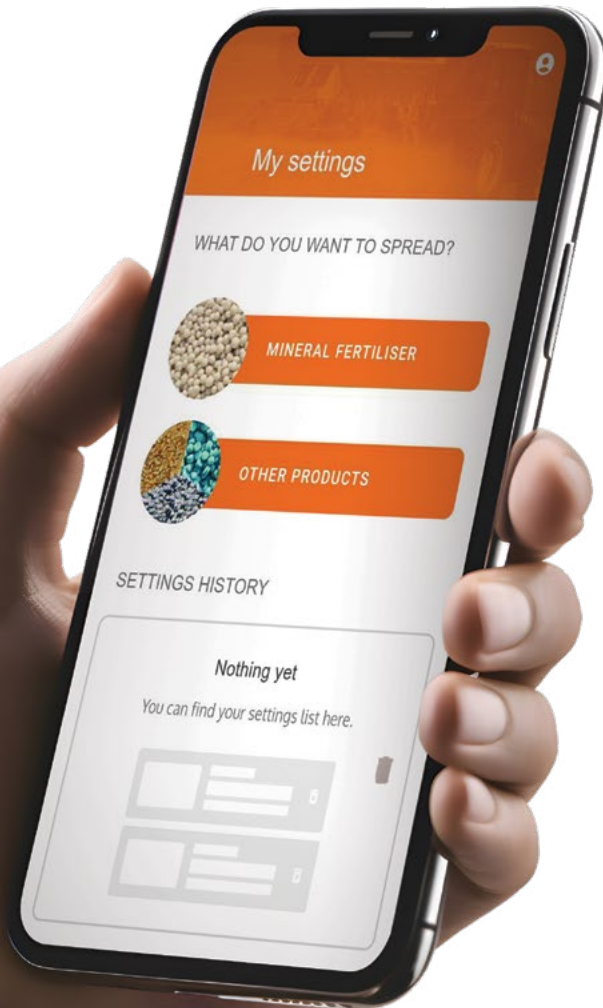
When overlap between passes is impossible for even application widths, boundary control concentrates the distribution towards the edge. The process minimizes fertilizer waste in tracks.



APPLICATION WITH INTENSIVE BOUNDARY CONTROL

Near environmental preservation areas, the intensive boundary control directs the distribution even more towards the edge, preventing fertilizers from reaching protected areas.





SmartSet

Simplicity and reliability to set the application width

SmartSet is a tool built to help adjust the application width and manage fertilizers used in farms. It allows for creating a database with the physical characteristics of the fertilizers used during seasons to be used as a reference in the following seasons' fertilizer spreading cycles.

This app lets you obtain the necessary adjustment data for various fertilizers in four steps.

Scan the QR Code and download the **SmartSet** application.

GOOGLE
PLAY

APP
STORE



High technology in precision agriculture

Dosage quality and precision

Uniport 8030 NPK features a feeder belt rotation control and a shutter height control with automatic opening and closing, in addition to a system that preserves fertilizers' granulometry.

Distribution quality and precision

It controls the drop point of fertilizers on the discs, and the exclusive two-layer format of the vanes provides exact overlap and excellent spreading.

Fast response to keep the exact dosage

The dosage system reacts to the conveyor rotation change and the height of the shutters, enabling faster responses and better dosage control.

Dual control of variable rate application

According to the prescription map, fertilizer spreading at a variable rate is automatically controlled through the metering shutters on the side of the application width.

This technology provides higher precision and efficient use of products, resulting in a better recommended dosage x applied dosage relationship.

Application versatility

The **Uniport 8030 NPK** can have additional discs to spread powder products for greater versatility.

These discs were designed to deliver the best results in spreading this product type.



Power and torque at the exact amount

The 4x4 hydrostatic transmission system with intelligent traction control, integrated with the Cummins QSB 6.7 diesel engine with 300 cv and ideal weight distribution between the axles, allows spreading fertilizers in most different types of terrain. The system automatically identifies the need to control the vehicle's traction without the operator's participation, providing a precise operation and **cutting down fuel consumption**.

The machine can travel up to 40 km/h on internal farm roads, whereas application speed varies from 5 to 25 km/h.

Safety and efficiency

The 380/90 - R46 radial tires ensure more outstanding flotation and less soil compaction.

Confidence in braking

The braking system integrated into the hydrostatic transmission prevents the wheels from locking and provides excellent safety for operators.

Adaptation to crop spaces

The hydraulically adjustable track width from 2.76 to 3.26 m provides great adaptability for transport in flatbed trailers and several crop spacings.

Greater versatility in tall crops

With a fixed 1.50-m ground clearance, the machine provides greater versatility, broadening its availability to care for crops throughout the application window.





OTMIS is Jacto's brand of products and solutions for Precision Agriculture. It is the union of solutions for precision agriculture with simplicity and efficiency.

Uniport 8030 NPK relies on the best technological features to make operations easier and improve application performance and quality:

- Excellent navigability with an intuitive interface.
- High work storage capacity.
- Better visibility with up to 40% bigger screen.
- Quick processing with 100% Jacto system.





Variable rate application

The system allows varying input application rates based on precision maps.

Automatic 12-section control

The spreading width is divided into 12 sections that are automatically controlled.

Lightbar

It shows operators the ideal direction to follow in the crops, records application maps, measures areas, and is connected to the automatic section controller and the hydraulic automatic pilot.

Hydraulic automatic pilot

It automatically steers **Uniport**, helps spread fertilizers, minimizes gaps and overlaps, and enables operators to focus on other equipment features.

Agricultural cameras

They can be used in all agricultural operations to help view essential details for work quality.

Weighing system

It measures the input loaded into the fertilizer spreader hopper. It provides precise information about product consumption throughout a working day.



TerraStar C Pro or RTK correction signals

GPS signal correction system that enhances precision among passes.

Ekos

An agricultural operation multi-brand management software that allows viewing the most information about your crops in an integrated and straightforward way.



Fertilizer spreading with Jacto quality

Technical information



VEHICLE

MOTOR

Model Cummins QSB 6.7
Emissions Proconve - MAR I
Power 300 cv @ 2.200 rpm
Fuel Diesel or Biodiesel B20

TRANSMISSION

Full hydrostatic 4x4, with electronic control of slip and independent traction

SUSPENSION

Independent with pneumatic springs on the upper part and hydraulic shock absorbers with automatic height control

STEERING

Unitrack - rear steering system (standard)

TIRES

VF 380/90 R46 - Radial

FUEL TANK

Capacity 400 L

DIMENSIONS

Length 9,08 m
Maximum width 3,20 m
Height 4,15 m
Wheelbase 4,10 m
Ground clearance 1,50 m
Filling height
(for ground to hopper top) 3,55 m
Track width hydraulic adjustment 2,76 to 3,26 m

WEIGHT

Empty machine 11.100 kg



EKOS – OPERATION MANAGEMENT

Solutions for agricultural management
Standard telemetry embedded in the machine



FERTILIZER DISTRIBUTION

DISTRIBUTION WIDTH

Granular Up to 50 m
Powder Up to 12 m
Seeds (variable according to kind/seed) Up to 27 m

TANK

Capacity 8.000 kg
Material in stainless steel, with sieves

APPLICATION RATE

Granular from 20 to 600 kg/ha
Powder and wet up to 6.000 kg/ha
Seeds from 5 kg/ha

DISCS

1 disc assembly for granular fertilizers/seeds
1 disc assembly for powder and wet fertilizers

WEIGHING SYSTEM

4 load cells (standard)

OPERATION CONTROL

12-section automatic control
2-level boundary control
Dual variable rate control (independent shutters)



OTMIS - PRECISION AGRICULTURE

- Lightbar: Otmis 10 (standard) or GFX-750 (optional).
- Hydraulic automatic pilot: Otmis 10 (standard) or GFX-750 (optional).
- Available GPS correction signals: TerraStar C Pro and RTK (Otmis 10) / RTX or RTK (GFX-750).
- Agricultural camera: reverse camera and inside hopper.
- Variable rate application: dual control (standard).



FERTILIZER SPREADER

UNIPORT 8030 NPK

New design. More comfort
and performance with the
best Jacto technology.



Download the app directly from Google Play
or Apple Store or via the QR codes below.



JACTO CUSTOMER SERVICE

Monday through Friday, 6 am to
7 pm; Saturdays, 8 am to 12 pm
and 1 to 5 pm; and Sundays and
holidays, 8 am to 12 pm.

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