

EVA

Agility and efficiency



EVA

Available models: 4 to 6 row units. Eva is a complete planter that combines advanced technology with precision and efficiency in planting. It is recommended for the following crops: maize, soybeans, beans, millet, cotton, and sorghum. Eva is robust, and it offers easy maintenance. As a result, no lubrication is required during planting.





Images for illustrative purposes only.

EVA

QUALITY IN PLANTING

Eva is a pneumatic planter for summer crops, delivering excellent seed distribution and high planting quality. The equipment has a rigid chassis and gravity-fed hoppers for seeds and fertiliser, as well as two control configurations.



Smartphone*

The configuration is controlled by a mobile device via Bluetooth. You can calibrate the machine through the application, and at the same time, there are advantages:

- **Instant adjustment of seeds and fertiliser;**
- **Allows up to fertiliser calibrations to be saved;**
- **Vacuum pressure display and alerts on the smartphone screen;**
- **Manual control of the fertiliser sections and seed row units;**
- **Row-by-row seed monitor;**
- **Smartphone included.**

**Check availability in your country*

CALIBRATION IN LESS THAN 5 MINUTES



Topper 5500 VT

In the version equipped with the Topper controller, operators can make full use of Stara's technologies, including:

- **Telemetria Stara.**
- **Conecta.**
- **Syncro.**
- **Row-by-Row Shut-Off System.**
- **Control System.**
- **Zero Crop Damage.**
- **Curve compensation.**
- **Vacuum pressure on the Topper screen.**
- **Instantaneous adjustments on the Topper to allow for variable rates of seeds and fertiliser.**



DPS-E - Stara Precise Seed Placement - Electric

Eva is equipped with the Stara Electric Metering System, which ensures excellent seed singulation and precise seed distribution. The DPS-E incorporates seven points of double-seed elimination, the well-established variable-rate distribution system, an electric motor, and a larger-diameter disc. It also offers curve compensation and is designed for easy maintenance.



Seed Row Unit

Eva comes with pantograph row units that ensure excellent ground-following capability and uniform planting. It is also fitted with offset seed discs, depth gauge wheels with a rocker arm and an 80 mm tyre, adjustable spacing between the double seed discs, and a V-shaped closing wheel.



Hoppers

Made from polyethylene, Eva's hoppers ensure an even flow of seeds and fertiliser. In addition, they are secured by a clip-in fitting, eliminating the need for internal bolts. The planter comes with suspended hoppers as standard, featuring a wider lid opening angle for easier filling.

CAPACITY PER ROW UNIT

75 L OF SEEDS

150 L OF FERTILISER

Fertiliser Row Unit

Eva planter is equipped with offset fertiliser row units with a short distance between the fertiliser row unit and seed row unit. As a result, the farmer is provided with planting quality on curves and slopes. It also features configurations with offset double disk or lagged double disk, tine/knife, and turbo disk.

Fertiliser Distribution

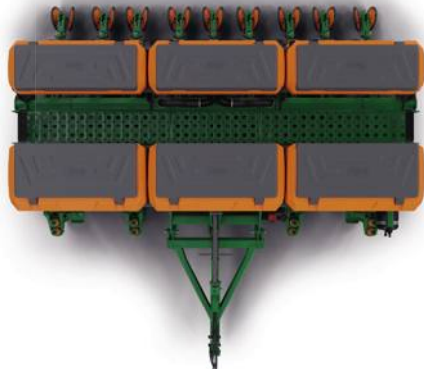
It also includes the Fertisystem, ensuring uniform fertiliser distribution across all types of terrain. When the planter configuration comes with Topper, it is possible to work with a variable rate.

ROBUSTNESS AND EASY TO MAINTENANCE

- The bearings on the seed and fertiliser row units are sealed.
- The pantograph bushing is self-lubricating, requiring no lubrication during planting.
- The furrow opener can be adjusted to protect the component from structural damage caused by stones.

HITCH

It is an articulated hitch with a third point to ease the planter adjustment without uncoupling from the tractor.



LUBRICATION POINTS DURING THE PLANTING PROCESS



Transport

The transport width when loaded onto trucks is 2.60 meters with the hitch raised.

TECHNOLOGY EQUIPMENT

TOPPER 5500 VT

The complete controller for Precision Agriculture, designed and manufactured by Stara. Its touch screen provides efficiency and more interactivity between the machine and the operator.

**Optional feature when the planter configuration has Topper*

Row-by-Row Shut-Off System*

The Row-by-Row Shut-off System from Stara turns off automatically the planting row units at the exact time the monitor detects the area where it has already been planted. As a result, there is no overlap in the planting rows, especially on boundary applications. It provides average seed savings of 5.03%, eliminating plant competition and increasing yield in these areas.

**Optional feature when the planter configuration has Topper*

Zero Crop Damage*

It is an exclusive Stara system that automatically shuts off the planting row units at the exact place where sprayers and spreaders will further pass over. The system provides seed savings of up to 4% regardless of the planting row unit direction.

**Optional feature when the planter configuration has Topper*

TELEMETRIA STARA

Your farm in the palm of your hand.

Through this system, you can manage your operations in the crop field in real-time. Any device that has Internet access, might provide you that.

**Optional feature when the planter configuration has Topper*

CONECTA*

It is a remote access service that connects you, in real-time, to the After-Sales technician in the Stara factory. The connection is established through Topper 5500, which ensures fast and assertive support.

Whenever you need it, just connect it! An agile and at no cost after-sales available straight to your machine cab.

**Optional feature when the planter configuration has Topper*

Control System*

Variable-rate planting allows for instantaneous adjustment of seeds, with rates of 0.1 in 0.1 seeds per metre, ensuring the ideal spacing between plants.

**Optional feature when the planter configuration has Topper*



TECHNICAL SPECIFICATIONS

Pneumatic planter with a rigid chassis for summer crops

Cutting disk:

18"

Fertiliser row unit:

Offset double disk - 15"x15"

Tine/knife

Turbo disk

Pantograph seed row unit

Offset double disk - 15"x15"

Depth limiter wheel with a rocker arm and rubber wheel with 80 mm.

V-shape closing wheel

Electric fertiliser transmission:

Fertisystem meter

Electric seed transmission:

DPS-E (Stara Precise Seed Placement - Electric)

Controllers:

Smartphone or Topper 5500

Wheelsets:

Independent

Head:

With three-point hitch adjustment

Hydraulic connections required by the tractor:

SHT: 1 command unit, two functions, continuous flow, a blower 22 L/min.

1 command unit, two functions, lift/lower planter 30 L/min.

1 free return.

Optional features:

Stara Hydraulic System (SHS)

SHS: 1 command unit, two functions, lift/lower planter 30 L/min.

Accessories via Parts Department

Seed disks: cotton, millet, sorghum and beans

TECHNICAL SPECIFICATIONS

Models

EVA with 4 row units

EVA with 6 row units

Spacing

4 row units x 76 cm

6 row units x 76 cm

Width (centre, between row units)

2.28 m (76 cm spacing)

3.80 m (76 cm spacing)

Transport width

3.20 m

4.51 m

Required power* (hp)

60 hp

72 hp

Tyres

2 tyres 7.0-16 12-ply

4 tyres 7.0-16 12-ply

Seed capacity**

450 litres

675 litres

Fertiliser capacity**

900 litres

1,350 litres

Operation speed

6 to 8 km/h (soybeans)

6 to 8 km/h (soybeans)

4 to 6 km/h (maize)

4 to 6 km/h (maize)

Weight***

2,310 (tine)

3,060 (tine)

2,360 (double disc)

3,140 (double disc)

* Required power: power requirements vary according to soil moisture, soil compaction, type of straw cover, terrain and planting speed.

** The seed and fertiliser capacity may vary according to the product density.

*** Weight with the planter hoppers unloaded.



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www.stara.com.br/en

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