

TOPPER 6500

The complete controller for
Precision Agriculture



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THE COMPLETE CONTROLLER FOR PRECISION AGRICULTURE

Designed and developed by Stara. It is easy to operate and provides interactivity between the machine and the operator.

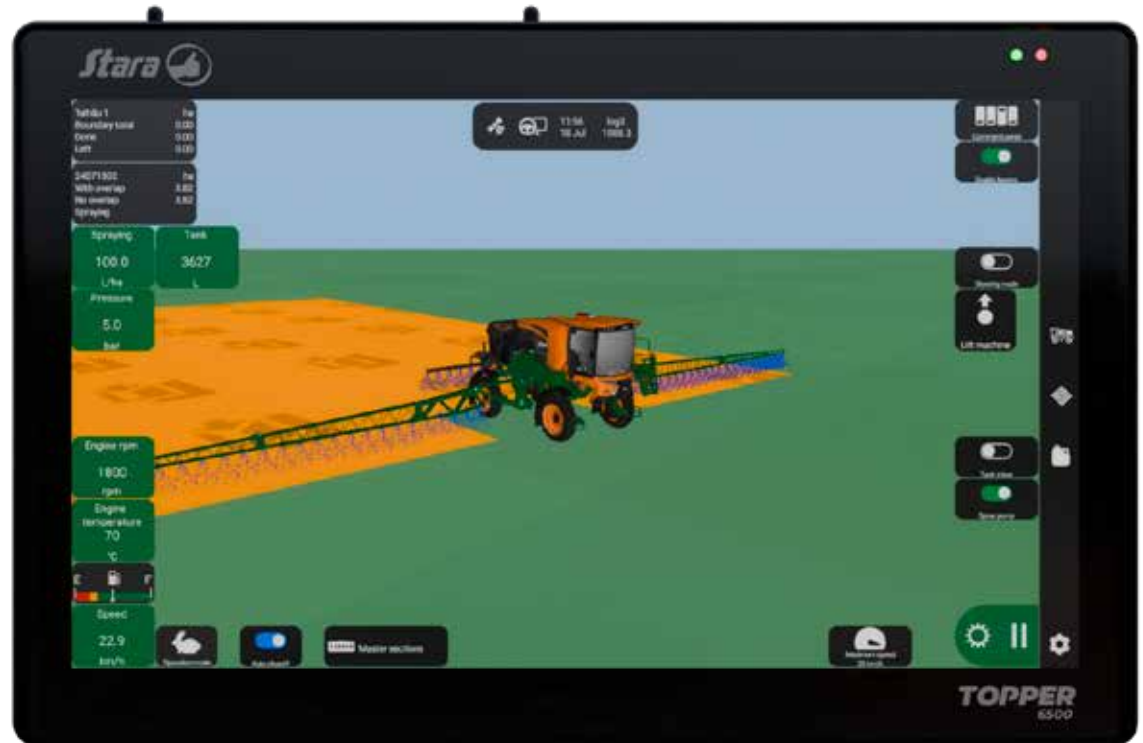
It features an outer module for mobile phone modem, which allows Internet connection through a mobile network. In addition, it adds a GNSS receptor through a Smart Antenna.

EASY TO CALIBRATE

Topper 6500 has the **Follow-me** resource. It's a setup wizard that displays a step-by-step of the tasks, allowing the operator to calibrate and set up the machine easily and objectively.

Innovation

Topper 6500 features a high speed processing and a great memory capacity, which improves the execution of the Stara technologies existing already and favours the development of new solutions. Additionally, it has a system that enables the information backup, directing the resource for data restoring.



Cameras

Input for up to 4 simultaneous cameras that can be positioned according to the operation need to ease the operation follow up.

Customizable Area

Allowing to customize the access to the home screen functions. The function settings, information and cameras can be adapted to the operator profile.

Design

Topper 6500 has a bold design in aluminium. The screen is 12.8' and has high resolution and is anti-reflective. The new controller combines robustness, design, and cutting-edge technology.

COMPATIBILITY

CONECTA*

It is a remote access service that connects the operator, in real-time, to the After-Sales technician in the Stara factory. The connection is established through Topper 6500, which ensures fast and assertive support. If you need, just connect it! The agile and no cost after-sales available straight to your machine cab.

** Available with Internet connection*

TD3 auto steering*

A robust and reliable electro-hydraulic system that ensures shorter response time during operations with auto steering. It reduces failures and overlaps. Additionally, it reduces crop damage and allows for the following machine traffic control for operations.

** Check the availability.*

Row-by-Row Shut-Off System*

The Stara Row-by-Row Shut-Off System automatically shuts off the planting row units at the exact time the monitor detects an area where the seeds have already been placed.

As a result, there is no overlap in the planting rows, especially on boundary applications. It delivers average savings of 5.03% in seeds, eliminating plant competition and increasing yield in these areas.

** Check the availability*

Variable Rate

The product meter varies according to the management zones and the Shape File files imported via flash drive and Telemetry Stara.

TELEMETRIA STARA*

The farm in the palm of your hand.

Telemetry Stara can manage your operations in the crop field in real time. Any device that has Internet access will provide you with.

** Check the availability.*

SYNCRO*

Stara's exclusive system, Syncro, allows for up to five Stara machines to operate synchronized in the same field and communicating to each other via radio. The system provides better operation planning, which offers standardised management for each crop field. Additionally, it avoids overlaps, provides fertiliser savings, and increases operational yield.

** Check the availability.*

Signal Correction*

It adds the best experience in signal correction, ensuring higher precision in crop field operations. It is recommended for auto steering operations that require path following. It delivers the precision of 2.5 cm**, considerably reducing crop damage losses and overlap. As a consequence, it provides a higher operational yield.

** Check the availability.*

*** There is no need for a base station to repeat the signal. Precision may vary according to the receptors capacity and weather conditions.*

TECHNICAL SPECIFICATIONS

Topper 6500

Nominal voltage

12/24 V

Maximum current

15 A

Approximate weight

2.5 kg

Display

12.8" Full-HD, touch screen, capacitive

Processor

OCTA-CORE ARM:

DUAL-Core @ 1,6 GHz - 64 bits

QUAD-Core @ 1,26 GHz - 64 bits

DUAL-Core @ 266 MHz

RAM Memory

8 GB LPDDR4

Internal Memory

32 GB / Shared with the Android operational system

Operational System

Wi-Fi 2.4/5

GHz Bluetooth 5.3

Conectividade

SERIAL, CAN, ETHERNET, USB

GNSS - Global Navigation Satellite System

Smart antenna outer receptor

** L1 + L2, when the signal correction is enabled, the receptor works with GPS + GLONASS, GALILEU, and BEIDUO.

Languages

Portuguese, English, and Spanish

Optional feature

*Up to 4 simultaneous cameras

*Signal Correction

*Syncro

* Check the availability

** Check a compatible receptor



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