

IMPERADOR 2500

More autonomy and efficiency
for your crop field



IMPERADOR 2500

The technology and innovation of the Imperador line are allied to high operating yields. Imperador 2500 delivers more autonomy, higher product capacity, and especially, the excellent spraying that only Stara can provide you with. Additionally, it features the Stara technology package with exclusive solutions that cooperate for high yields in the crop field.





IMAGE MERELY ILLUSTRATIVE

IMPERADOR 2500

CUMMINS® ELECTRONIC ENGINE OF

213 CV

TURBO INTERCOOLER

It features a longer durability, emits low pollutants, and lower noise.

Stara Smart Transmission System

With hydro-electronic transmission 4x4, information is displayed on Topper 5500, and the diagnostics of components is in real-time. Additionally, the fuel consumption is lower, there are safer operations and higher operation yield.

Weight Distribution



As the machine spray booms are central, the weight is **distributed 50% on the front axle and 50% on the rear axle** to increase the traction capacity.

THE HIGHEST RAMP CAPACITY OF THE CATEGORY

It allows the machine to operate over bumpy terrains.



Hydraulic Wheel Tread Width Extending:

2.6 to 3.2 metres

Rigid Chassis

Greater stability and less vibration result in optimum efficiency and greater comfort.

TOTAL LENGTH OF THE BOOMS

30 metres



SPRAYING

Spray booms

The Imperador lineup is the only one in the world with central booms. These ensure more stability during applications, and guarantee

58%



more chemical on target.*

* Data provided by FAPA - Portuguese acronym which stands for Agrarian Foundation of Agricultural Research.

Continuous Recirculating System*

This exclusive system keeps the chemical solution constantly moving inside the tank and piping system. What it provides:



- Homogeneity and the exact chemical concentration during applications;
- Cleaner spraying system, without residues from previous applications;
- Longer components durability.

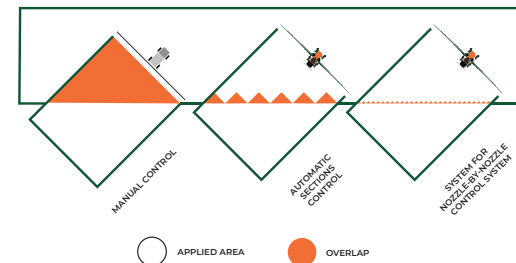
*Available on Top configuration

Nozzle-by-Nozzle Control System*

It shuts off the spray nozzle automatically in areas where the chemical has already been applied, preventing overlap and reducing product waste.

*Available on Top configuration

CHEMICAL SAVINGS OF UP TO 5%



Product Incorporator and Rinse Tank

The system is mounted on the exterior of the machine and with a capacity of **35 litres**.

Clean Water Tank

With a capacity of **250 litres**, its purpose is the chemical solution tank cleaning and spraying circuit cleaning.



Application Height

From **0.8 metres** to **2.2 metres**.

Ground Clearance

1.60 metres

CHEMICAL SOLUTION TANK

CAPACITY OF

2,500 litres

Smart 4-Wheel-Steering System*

It allows for a turning radius 42% shorter than conventional systems.

**Available on Top configuration*



UP TO
45%
LESS CROP DAMAGE
ON THE BOUNDARY
AND STEERING
PROCEDURES IN
YOUR CROP FIELD



LAND SPACE

Stara technology ecosystem

Innovation has always been integral part of Stara's DNA, and now it is time to connect earth to space, through Land Space, Stara technology ecosystem, available to your machine.

With Land Space, you seize every satellite Internet benefit, to access Stara technologies that enable operation monitoring, management and precision in your crop field.

MORE **CONNECTION** MORE **TECHNOLOGY** MORE **EFFICIENCY**

3-YEAR PACKAGES



CONNECTIVITY - 3 years

With Stara Connectivity, you have access to satellite Internet, already installed in your machine. Moreover, you have access to 15GB data package a month.

PAID SIGNAL - 3 years

Stara signal correction systems assure machine parking, resulting in maximum field operation precision.

STARA MACHINE MONITORING SYSTEM - 3 anos

The Stara Machine Monitoring System is a service that monitors your Stara machine in real time, identifying setbacks quickly and efficiently. When some monitored feature is not according to what was set up, alerts are displayed on the Topper screen and sent to Telemetria Stara. In case this alert is not corrected, we notify via WhatsApp, and in critical cases, by phone call.

SYNCRONET - 3 years

Syncro Net enables that up to 4 machines with the same function can work synchronized, sharing information via Internet. In this mode, it is required that every machine has Stara Connectivity.

TELEMETRIA STARA

By this system, you can manage your operations in the crop field in real-time. Through the Web portal, you can send maps directly to Topper, however through the app, it is possible to follow stop reasons and operation data in real time.

CONECTA

Conecta is the factory After Sales Customer Service. In Land Space package, it is possible to access the machine remotely, assuring quick and assertive support, anywhere.

TECHNICAL SPECIFICATIONS

Imperador 2500 Intermediate	Fuel tank
Unloaded tank weight	250 litres
8,900 kg	Controller
Length	Topper 5500 VT
7.60 metres	Auto steering
Height	TD3
3.77 metres	Tyres
Width (folded booms)	RADIAL, 340/85 R38
3.20 metres	Application height
Clean water tank	From 0.80 metres to 2.20 metres
250 litres	Ground clearance
Product incorporator and rinse tank	1.60 metres
35 litres	Engine
Spray booms	Cummins® engine 213 cv with turbo intercooler
30 metres	Traction control
Chemical Solution Tank	Electronic system integrated
2,500 litres	Weather condition sensors
Spray pump	Yes*
Stainless steel - 430L/min	Agitation system
Spraying technology	Hydraulic agitator and mechanical mixer
Continuous Recirculating System - 7 sections	Optional features
Trijet nozzle holder	*Weather Condition Sensors (wind and wind direction)
0.50-metre spacing	Land Space
Wheel tread width adjustment	
2.60 m to 3.20 m	

LEARN MORE

Read the QR code and check it out!

Web

Access the Imperador 2500 page on Stara website for more information.



TECHNICAL SPECIFICATIONS

Imperador 2500 Top	Fuel tank
Unloaded tank weight	250 litres
8,900 kg	Controller
Length	Topper 5500 VT
7.60 metres	Auto steering
Height	TD3
3.77 metres	Tyres
Width (folded booms)	RADIAL, 340/85 R38
3.20 metres	Application height
Clean water tank	From 0.80 metres to 2.20 metres
250 litres	Ground clearance
Product incorporator and rinse tank	1.60 metres
35 litres	Engine
Spray booms	Cummins® engine 213 cv with turbo intercooler
30 metres	Traction control
Chemical Solution Tank	Electronic system integrated
2,500 litres	Smart 4-Wheel-Steering System
Spray pump	Yes
Stainless steel - 430L/min	Weather condition sensors
Spraying technology	Yes*
Continuous Recirculating System - Nozzle-by-Nozzle Control System	Agitation system
Trijet nozzle holder	Hydraulic agitator and mechanical mixer
0.50-metre spacing	Optional features
Wheel tread width adjustment	*Weather Condition Sensors (wind and wind direction)
2.60 m to 3.20 m	Land Space

THIS SPACE IS INTENDED FOR DEALERSHIP DATA

www.stara.com.br/en

STARA S.A. Agricultural Implements Industry | Av. Stara, 519 - Post office box 53 - Não-Me-Toque/RS - Brazil | Phone/Fax: 55 54 3332 2800 | Postcode: 99470-000 | Email address: faleconosco@stara.com.br

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