



# FÊNIX 3000

Technology, efficiency  
and toughness



Virtual catalog | English | April/2017

**Stara**



# FÊNIX 3000

Fênix 3000 is a drawn sprayer with booms of 18, 21 and 24 meters, built with light and resistant materials that increase the durability of the equipment, allowing working in superior speeds and ensuring incomparable stability of the booms.

The syrup tank in spherical shape have capacity for 3,000 liters and performs the "water-break", providing higher stability during the application.



### Electric spraying command

Economy;  
Constant spraying system;  
Variation of speed without change the flow by hectare;  
Improve the standard of drops;  
Avoids the early wastage of the nozzles;  
Flow variation of 10 to 10% to more or less.

### Clean water tank

With capacity for 300 liters to clean the tubes, nozzles and commands in the field.

### Syrup tank

Tank with capacity for 3,000 liters.

### Booms and frame system

It allows to work with higher speed maintaining the booms' stability, which provides more performance of the set tractor/sprayer, ensuring quality in the application.



Booms available in 18, 21 or 24 meters.



### Mixer

Mixer and wash-bottle com suction up to 250 l/m, with the option of refill with the sprayer itself, easing the refilling in any situation of work, avoiding spilling chemical residuals in the environment.

### Wheelset

It has cross wheelset with opening adjustment from 1.80 to 2,10 meters or from 2,10 to 2,40 meters. Easy adjustment of the wheelset position, which provides a simple adequacy between the crop rows or from the tractor's wheelset, decreasing the crushing of crops.



### Orion

The Fênix 3000 has an exclusive slope compensator system that compensates the inclination from the terrains, maintaining the booms parallel in relation to the ground. The opening of the booms is electro hydraulic and is made through the electronic controller Orion, installed in the tractor's cabin.



### Topper 4500

The Fênix 3000 can be equipped with the complete controller for precision agriculture, Topper 4500, which has flow control, DGPS, automatic shutting down of sections and autopilot, all this in a single equipment. (Optional).



### SwitchBox

It communicates with the Topper 4500 activating the automatic or manual shutting down control of sections.



### Universal POD

Responsible by the reading from the sensors and fixed or variable rate spraying control.



## Technical specifications

<b>Model</b>	Fênix 3000
<b>Polyethylene tank capacity</b>	3.000l
<b>Clean water tank</b>	300l
<b>Booms</b>	18, 21 or 24m
<b>Spraying pump</b>	Pump of piston with membrane
<b>Booms opening command</b>	Electro-hydraulic
<b>Spraying command</b>	Electric activation
<b>Flow controller</b>	Optional
<b>Nozzle holder</b>	Triple or single with anti drop valve
<b>Mixer system</b>	Hydraulic mixer
<b>Refill</b>	Capacity for 250l/m with syrup filtering
<b>Application height</b>	from 0.40 to 2.50m
<b>weight</b>	2,350 kg (it varies according to the booms' size)
<b>Height</b>	3.30m
<b>Lenght</b>	2.30m
<b>Width</b>	5.60m