



TECHNICAL SPECIFICATIONS						
HARPIA	800 L					
Folding configuration	2 DOBRAS			3 DOBRAS		
Width adjustment (meters)	14 m	16 m	14 m	16 m	18 m	20 m
Nozzle spacing (centimeters)	50 cm padrão (35 or 40 cm upon request)					
Weight (Kilograms)	700 Kg**	700 Kg**	800 Kg**	800 Kg**	900 Kg**	900 Kg**
(A) Height (millimeters)	3350mm	3850mm	2590mm	3090mm	3090mm	3350mm
(B) Width (millimeters)	2220mm	2220mm	2462mm	2462mm	2462mm	2462mm
(C) Length (millimeters)	1435mm	1435mm	1435mm	1435mm	1435mm	1435mm
Note: *Tank capacities may vary depending on the specific gravity of the pesticides being used; **Weight is approximate and may vary depending on machine configuration.						
STANDARD ITEMS						
One-way nozzle holder with anti-drip	Portaboquillas con punta ajustable			1 fan nozzle 015		
4-way manual spray control with calibrated return	Hydraulic control of the handbar			Syrup shaker		
Piston pump 75 L/min	Filter suction filler					
OPTIONAL ITEMS						
3-way nozzle holder	Pistón de 100L/min			Control electrohidráulico		
Electric spray control: 4 or 6 electric sprays. Electric regulator with pressure gauge on the panel and manual regulator	Electronic spray control: Automatic shutoff for 6 and 9 sections Automatic flow control and Electric pilot			KIT PRAKTIS: Incorporator, bottle washer, mixer, and rinsers. Tank washer, Venturi filler, and 60-liter clean water tank.		

TANQUE TF 600L TF 400L

The front tanks have a capacity of 400 and 600 liters, with a universal or special coupling system depending on the tractor model. It can be configured with two electric pumps with a capacity of 17 L/min each, one for agitation and the other for transfer. A directional valve allows the two pumps to be integrated for a higher transfer rate, totaling a speed of 34 L/min. The Harpia interconnection option allows for the installation of a transfer kit, which allows continuous supply and circulation of the front tank between the two tanks, as it is fitted with a kit with a directional valve for installation on the Harpia.

*Check availability of accessories and/or tractor compatibility.



FRONT TANK (OPTIONAL)			
Description	TF 400 L STANDART	TF 400 L	TF 600 L
Tank	400 L	400 L	600 L
Empty weight	115 Kg	120 Kg	170 Kg
Weight with fall	545 Kg	550 Kg	800 Kg
Headlights	Does not have	4 units	4 units
Electric pump (17L)	1 unidad	2 units	2 units
Transfer capacity	17 L/min	17 ou 34 L/min	17 ou 34 L/min
KIT hot recirculation	No	Si	Si
Note: *Weight is approximate and may vary depending on machine configuration. ** Recommended installation on the 4x2 TDA tractor.			

LONGER FUMIGATION AUTONOMY

- 4 LED headlights with high and low beam switches on the panel;
- 2 electric pumps (17 L/min) - 1 transfer and 1 agitation;
- Manual directional valve for double transfer (34 L/min);
- Adjustable return or supply flow rate from 0 to 100 L/min;



PLANT SAFELY AND
TO HARVEST RESULTS.

INDÚSTRIA DE MÁQUINAS E IMPLEMENTOS AGRÍCOLAS LTDA.
Rua Costa e Silva, 550 - Cândido Godói - RS - CEP 98970-000
Fone (55) 3548-1312 • (55) 3548-1600 • www.industrialkf.com.br
f industrialkf @industrial.kf Canal Kf Oficial Industrial Kf

Representative:

COUPLED SPRAYER

HARPIA PRIME 800L

14 | 16 | 18 | 20 METERS



ONE OF THE GREAT
FORCES OF AGRICULTURE
IN BRAZIL AND LATIN AMERICA



*February 2025, Kf maintains a continuous product development process, reserving the right to make changes without prior notice. Photo for illustrative purposes only.

COUPLED SPRAYER

HARPIA PRIME

QUALITY GUARANTEE IN FUMIGATION!

MAXIMUM APPLICATION EFFICIENCY,
WITH A UNIFORM COVERAGE GUARANTEE
PERFECT FOR YOUR PROPERTY!

HARPIA coupled sprayers have an 800-liter tank capacity and booms that can be configured with two or three collection/closing sections. They also have the option of equipping a preparation tank and adding descaler concentrate, a bottle washer, and a mixer with a rinsing option through the separate clean water tank. They also have an intuitive control panel for application, tank washing, and refueling functions.

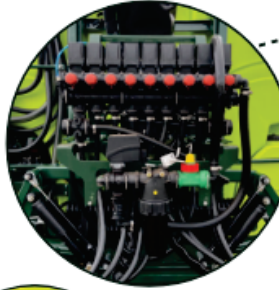


FITTINGS
All accessories and brackets are protected with rubber stops and plastic backings.

UNLEASH "TETHER"
The opening and retracting of the third section of the bar is achieved with a tie-rod-type trigger, ensuring stability during application.



CLEAN WATER TANK
For cleaning the tank, pipes, nozzles, and controls, as well as for occasional backups. 60L capacity



FUMIGATION CONTROLS
INSTALLED ON THE FRAME

REINFORCED BARS WITH TRUSSES
and a third aluminum bar on the 20-meter model.

SPRAY LINE TUBES
IN STAINLESS STEEL

COMPACT SPRAYER
coupled closer to the tractor, minimizing leverage on the tractor.



Height of Request
Spray height up to 1.80 meters.



HOSE DRIVER
for hose protection, ensuring durability.



RATCHET SCREWDRIVER
Heavy-duty disassembly that articulates the end of the bar when it hits an obstacle, also ensuring stability and uniformity in application.



INCORPORATOR
For the preparation and incorporation of concentrated syrup, use washers: bottle washer, mixer, and rinser.

BIPENDULAR FRAME
It has a horizontal and vertical damping system. Rubber bumpers ensure stability during application and protect the bars from impacts.

Bar Settings
in sizes 14, 16, 18, and 20 meters.



NAVIGATION GUIDE (OPTIONAL)

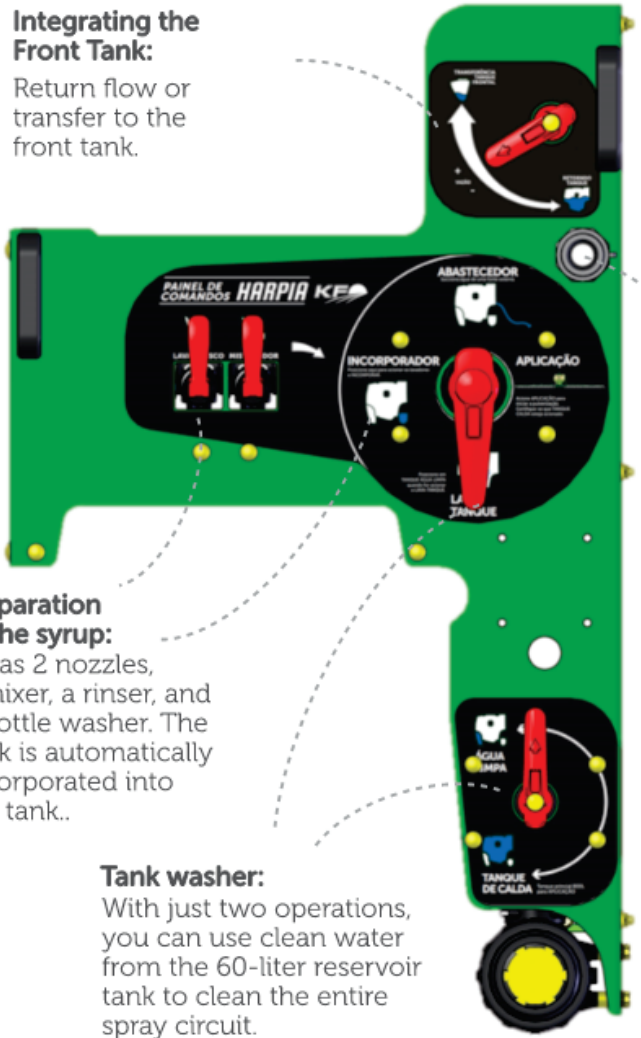
- It is a virtual guide, capable of controlling the tractor's path in your crop area.
- With **optional 9-section automatic section cutoff**: it is a fully-featured virtual guide that, in addition to controlling the tractor's path, also includes automatic section cutoff during spraying, which prevents overlapping of previously applied areas.
- With **automatic flow control**, it includes three functions, in addition to virtual guidance and automatic section cutoff, and automatic flow control.
- **Autopilot**, which has four functions: virtual guidance, automatic section cutoff, automatic flow control, and automatic pilot.

KIT PRAKTIS INTUITIVE CONTROL PANEL

Integrating the Front Tank:
Return flow or transfer to the front tank.

Preparation of the syrup:
It has 2 nozzles, a mixer, a rinser, and a bottle washer. The tank is automatically incorporated into the tank..

Tank washer:
With just two operations, you can use clean water from the 60-liter reservoir tank to clean the entire spray circuit.



Supplier*:
With just one operation and a hose connected via a quick-release coupling, it is possible to fill the tank.
*Maximum suction height of 2 meters