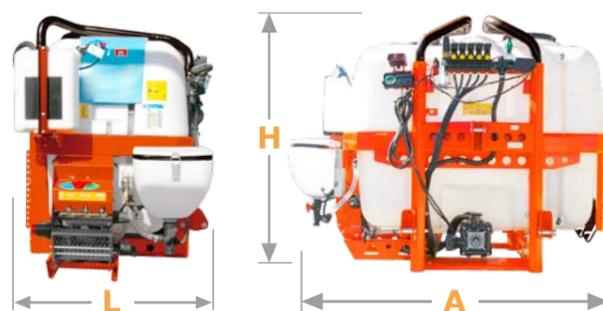


## FEATURES

<b>FRAME</b>	Electro-welded monobloc frame made of steel sheet plated in cold with thermal paint hardened with polyester resin.
Linkage type	Three-point linkage (ISO 730), category III
Lower hitch points	Adjustable height and width. 4 positions (inner / outer pillar)
Step	Anti-slip folding step for easy fill.
<b>TANKS</b>	Three independent tanks made of high density polyethylene (HDPE). Very smooth inner walls: excellent cleaning.
Capacities	800, 1000, 1200, 1500 and 2000 litres
Level gauge	Level indicator visible from the tractor
Rinse tank	Rinse tank with 3-way valve. (WORK / CLEANING)
Hand washing tank	15 litre hand washing tank with tap
<b>FILTRATION</b>	Multiple filtration system
Tank opening	Removable basket filter, 18 mesh
Suction filter	50 mesh, with safety valve
In-line filter	In-line filter with self-cleaning tap 50 / 80 mesh
Filters	Filters situated in the centralized control panel
<b>MIXING</b>	High performance hydraulic agitator, type Venturi
Chemical induction tank	Optional (40 litres). Functions : Mixer, filling, bottle-cleaner and self cleaning.
<b>PRESSURE</b>	DUAL PRESS: 2 pressure circuits with 2 regulators and 2 pressure gauges.
Circuit n° 1	To control auxiliary functions and pressure regulation on the lateral control panel
Functions	Controls: Agitation, chemical induction tank, tank cleaning sprinkler jets, and one exit to connect a spray lance.
Circuit n° 2	Main pressure regulator : Manual or electric DPM, computer regulator (DPAE)...
Manual DPM	3 or 5 sections with pressure compensated flow control.
Control ON / OFF	Opening / closing all sections
Electric DPM	Optional. Simple or with adjustable pressure in tractor cabin
Circuit pressure	From 20 to 50 bar, according to the pump model
<b>PUMPS</b>	IMOVILLI diaphragms or pistons
Flow	From 90 to 170 L / min.
Pump components	Body and cylinder head in aluminium. Nitrile Rubber Diaphragms.
Liquid fertilizers	Yes, exclusively with pumps serie D. (Protected circuit)
<b>Included accessories</b>	Reinforced PTO shaft and 5 metre anti-pollution hydro-injector
<b>OPTIONS</b>	Cleaning tank sprinkler jets, chemical induction tank, quick hitch, galvanisation, hydraulic elevation + pneumatic suspension...

<b>HYDRAULIC BOOMS</b>	Vertical fold hydraulic booms of 12, 14, 15, 16, 18 and 21 metres. Distance between nozzle-holders 500 mm.
Self-levelling system	Transversal trapeze. Optional: Hydraulic tilt
Blocking system	Manual
Paint	Ultra resistant thermal paint hardened with polyester resin
N° sections	5 or 7 sections (Depending on the model)
Protection	Anti-collision system. Last boom sections with automatic return
Hydraulic boom tilt	Optional. Models: "Standard" and "France"
Elevation	Optional. Hydraulic elevation
Vertical elevation distance	1000 mm, continuous regulation
Boom Suspension	Optional. One or two air cushions.
Air cushions	Low pressure type
<b>OPTIONS</b>	Joystick 3 or 4 functions, foam marker, nozzle-holders (unijet, trijet, brass), galvanisation, hydraulic elevation, pneumatic suspension...

## DIMENSIONS AND WEIGHT



### Tractor mounted boom sprayers (without booms)

	600 lts	800 lts	1000 lts	1200 lts	1500 lts	2000 lts
<b>H</b>	1848	1848	1878	1878	1898	1948
<b>A</b>	1630	1630	1675	1675	1950	2050
<b>L</b>	1120	1120	1220	1220	1215	1510
<b>Weight</b>	300 Kg	300 Kg	350 Kg	350 Kg	375 Kg	650 Kg

### Hydraulic booms (Vertical "U" fold)

	12 mts	14 mts	15 mts	16 mts	18 mts
<b>Length</b>	2670	3130	2570	2760	3000
<b>Width</b>	2470	2080	2370	2440	2470
<b>Profondeur</b>	530	550	570	600	450
<b>Weight</b>	240 Kg	250 Kg	300 Kg	300 Kg	500 Kg



## TRACTOR MOUNTED BOOM SPRAYERS FOR HERBICIDE APPLICATION IN FIELD CROPS



# New conception

GAYSA presents its high-range tractor mounted boom sprayers serie TITANIUM, with a self-supporting structure made of steel sheet pleated in cold that creates an ultra resistant monobloc frame. The range TITANIUM includes the latest spraying innovations and technology. This model has been designed for the adaptation of different modules and it allows multiple combinations in order to satisfy each customer's need such as (just elevation, just suspension, both elevation + suspension...)



The lateral control panel includes all the functions itself for a simple and easy use. DUAL PRESS system: Auxiliar function pressure is independent from main pressure regulation. Therefore, you can spray at 3 bar meanwhile the agitation works at 10 bar.



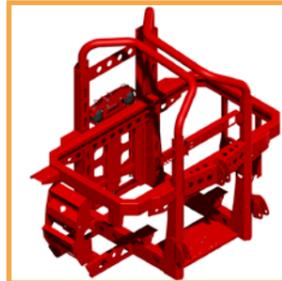
Folding control panel for better visibility, maniability and inspection.



Components are all located on the same control panel. The foldable step is also located on the box, and it's in conformity with CE rules. Titanium sprayers include a self-cleaning filter, located before the pressure regulator for an accurate pressure reading.



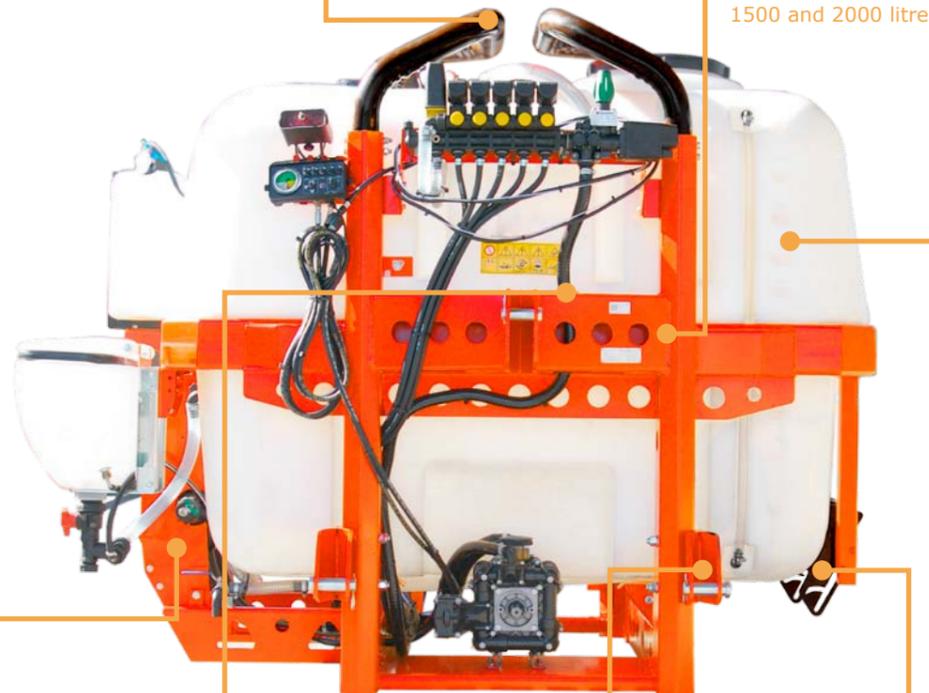
Reinforced frame by steel tubes in order to guarantee a tough strong and powerful frame.



Electro-welded monobloc frame made of steel sheet pleated in cold. Ultra resistant thermal paint hardened with polyester resin.



Three independent tanks (main tank, rinse tank and hand-washing tank) made of HDPE poethylene all assembled in one unit. Capacities 800, 1000, 1200, 1500 and 2000 litres.



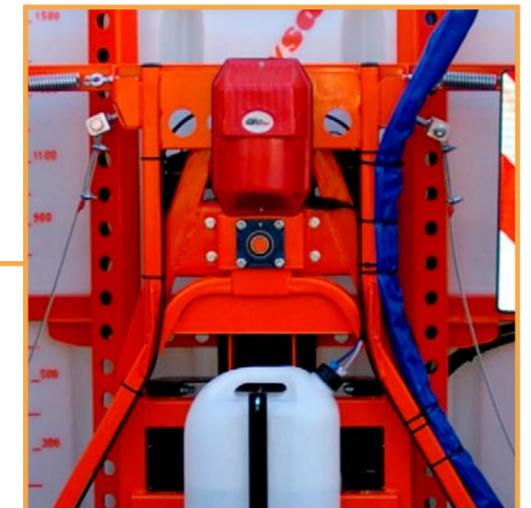
Thanks to plasma cutting and rubber edges, the pipes are well protected inside the frame.



Lower hitch points have different positions in order to suit better to the tractor's geometry.



Anti-slip foldable step in order to facilitate the access to the tank opening.



The hydraulic elevation is integrated into the frame, in order to reduce the lever effect. It works with a double piston effect. Options: Pneumatic suspension and hydraulic tilt.

## Options



Stainless steel quick hitch with handle.



Manual DPM regulator with 3 or 5 sections.



Foam marker kit (Tank made of HDPE polyethylene protected by a stainless steel structure). Remote control right / left sides. Adjustable foam density and quantity.



Electric DPM regulator with pressure gauge and remote control box (Adjustable from tractor cabin). Functions +/- pressure, close / opening sections, ON / OFF).



Hydraulic elevation with or without pneumatic suspension (Low pressure air cushions).



Joystick multifunctions: 2 or 3 buttons. (Fold / Unfold boom, elevation, hydraulic tilt).



DPAE regulators (computers serie BRAVO) with display and control of different parameters (tractor speed, nozzle flow, L/ha, work pressure...)



Chemical induction tank (40 litres) with 4 functions: Mixer, fast filling, bottle cleaner and self-cleaning.



1500 litre TITANIUM sprayer equipped with a 15 metre hydraulic vertical "U" fold boom.