

Aeroconvection spraying
GREGOIRE POWERFLOW TTA

GREGOIRE

P A S S E Z À L ' A V E N I R

The high
performance
triple turbine



* SHIFT TO THE FUTURE

Powerflow TTA



Tank

- **Polyethylene tank** : less risk of damage by heavy chocks. The inside and outside area are smooth. Cleaning of the sprayer is easier and faster.
- **The hand wash tank and the clean water tank** are perfectly integrated in the main tank.
- **Different capacity** to answer to different plantation widths : 1500 and 2000 liters.

Filters

- **To preserve the different parts** of the spraying circuit, Gregoire uses a triple filtration. One plastic strainer for the filling, a suction filter and a bronze high pressure filter.

Regulation

- **Control unit in the cab** : 4 switches to drive chemical alves, 1 switch to drive general valve and 1 switch to set up the working pressure. On the digital read out the pressure can be found back : easy and quickly to read.

Stainless steel adjustable deflectors

- **Hydraulic setting of stainless steel deflectors** to adapt easily to the width of the row.
- **Indicator deflector angle** to help the driver find the right setting.

Top turbines

- **The top deflectors** are composed of two 750 mm diameter turbines to create an optimum air flow.
- **Reversed air intake** to avoid the suction of chemical product.

Lower turbine

- **The lower positioned turbine** is composed of one 750 mm diameter turbine for an exceptional air flow.
- **Straight deflector** for a homogeneous and horizontally air flow.
- **Twin jet bronze nozzles** with anti drip valve . Offer the possibility to have 2 different flow rates without changing nozzles.
- **Reversed air intake** to avoid the suction of chemical product, leaves or wood



« Three turbines to increase the air flow... »

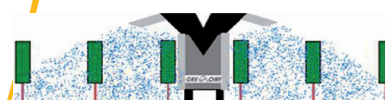
The Powerflow TTA, designed for standard to wide plantations vine with lot of vegetation. The TTA , is available in 1500 and 2000 liters. It is composed of 3x750 mm diameter turbines for an exceptional air flow. The articulated linkage allows a minimum turning circle on the headlands.

It has a 4 diaphragm piston pump with a maximum flow of 105 L/min at 50 bars. This pump is fitted with 3 valves so it can be equipped with accessories like premixer, rising nozzle ...



The control unit in the cabin allows to control 4 electrical valves and one main valves. A switch is also available to set up the working pressure. The regulator and all the valves are located at the front of the sprayer, for an easy access during maintenance. The electric valves with compensated return avoid the risk of overpressure, it allows to work with the same working pressure even when shutting off one valve...

« To spray 4 rows in one pass»



The Powerflow TTA allows to spray 4 rows at one pass. The forward speed is important and your spraying works optimized.

« Reducing the spraying time, pays off.»

Powerflow TTA	
Tank	
Capacity	1500 and 2000 liters
Application	
Diameter turbine	750 mm
Air intake for turbine	Reversed air intake
Deflector type:	Dx'Plus system and adjustable deflector angle
Stainless steel air flow adjustment	fixed on the lower deflector
Spraying circuit	
Pump	4 pistons diaphragm 50 bars and 105 L/min
Filters	Strainer, suction and high pressure
Regulation standard	Electrical
Regulation (optional)	DPAE
Valves	4 electric valves with compensated return
Quantity of nozzle	24
Pre mixer 1 l liter	option
Rincing nozzle in the tank	option
Plastic strainer	Standard
Stainless steel strainer	option
Tyres	
Standard size	1500 liters : 11.5/80x15.3/12 2000 liters : 11.5/80x15.3/12
Optional size	1500 liters : 400/55x15.5/14 2000 liters : 400/55x15.5/14
Dimensions	1500TTA 2000TTA
Lenght	4035mm 4310mm
Height	3130mm 3140mm
Overall width	1395mm 1470mm
Deflector width	1172mm 1172mm
Transmission height	685mm 695mm

*Specifications are indicative, in order to constantly improve its products, GREGOIRE reserves the right to modify specifications without notice

**This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include product, options and accessories NOT AVAILABLE in all regions.