



PASSION, EXPERIENCE,  
COMMITMENT AND INNOVATION



**TWISTER VINE MASTER**



# STANDARD EQUIPMENT

- Double structural tube frame
- Telescopic drawbar
- Side step for reaching tank filler lid
- Jockey wheel for parking sprayer
- High quality polyethylene main tank with uniform thickness and front and side level indicator
- Hand wash and system rinse tank
- Multiple filtering system
- Product mixer
- Cleaning robot inside the main tank
- Hydraulic stirrer
- The Twister high pressure 3 piston pump with optional reduction pump
- ON/OFF electric control command
- Through tank PTO
- Class 4 SAE G7
- Tractor PTO class 4 SAE G7



The Twister reducer shaft pump is specially designed for airblast sprayers. This pump is designed with a reducer shaft: the reducer shaft allows us to directly transmit the revolutions of the tractor joint shaft to the air system, and the reduction decreases the revolutions of the pump crankshaft, lowering the power absorption and, therefore, both the fuel consumption and wear of the pump.

## Optional

- 6 piston pump
- Fibreglass tank in 3000, 4000, 5000L tank
- Suspension



The electric ON / OFF Controller has been designed with a double switch to increase or decrease pressure (optional) and two switches to activate or deactivate the left and right solenoid valves.

# FEATURES

## MAXIMUM VERSATILITY

Thanks to its upper and lower swivel nozzles, this sprayer is compatible not only with espalier-trained vines and goblet-pruned vines, but also with tree treatments—ensuring exceptional adaptability across different crop types.

## HIGH ROBUSTNESS

Thanks to its robust design and streamlined structure, this sprayer minimises mechanical issues and breakage caused by contact with vegetation—common problems in brace-equipped air blast sprayers.

## APPLICATION SPEED

High application speed combined with excellent maneuverability reduces treatment time while ensuring maximum productivity and yield.

## HIGH EFFICIENCY

Twister technology allows for the treatment of 6 plant sides in a single pass, maximising operational efficiency and significantly reducing time spent in the field.

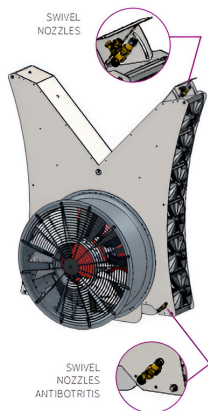
# SPECIFICATIONS



TANK CAPACITY (Liters)			SHAFT-DRIVE-TYRES			WEIGHT	DIMENSIONS		
MAIN	HAND-WASH	SYSTEM-RINSE	SHAFT	DRIVE	TYRES	KG	A	B	C
800	15	80	45X1100	94-6T	10.0/80-12"	400	116	266	140
1000	15	100	45X1100	94-6T	10.0/80-12"	450	132	272	145
1500	15	150	50X1200	161-6T	10.0/75-15.3"	550	147	283	150
2000	15	200	50X1200	161-6T	10.0/75-15.3"	600	157	312	157
3000	15	300	70X1500	161-6T	13.0/65-18"	900	179	352	175



# TWISTER AIR SYSTEM



- Stainless steel pipes
- Steel propeller with 8 blades to ensure homogeneous air distribution of air volume on both sides
- Triple air ducting system, which prevents the collision between fastest air produced in the upper part of the propeller and slower generated in the central part. This system increases efficiency
- The Twister gearbox with two speeds and neutral, is able to transmit strong power
- Aluminium iron centrifugal clutch that allows a soft and progressive start and stop.
- Propeller with dual aluminium hub with steel sleeve to prevent wear due to friction with the clutch.
- 8 adjustable helical pitch blades that regulate energy/power absorption, reducing noise level and fuel consumption.









- Blades made of nylon and fiberglass.
- Lightweight, resistant, rigid and excellent resistance to corrosion.
- Triple anti-drip nozzle holders with turbulence nozzles.
- **Twister diffuser generates spiral turbulent air flow, allowing it to move the leaves. This movement lifts and separates the leaves, preventing the shielding effect that often blocks spray from reaching inner surfaces. As a result, the treatment solution penetrates more deeply and uniformly into the vine structure, ensuring better coverage of all plant surfaces—including the undersides of leaves and inner clusters—leading to more effective disease and pest control.**

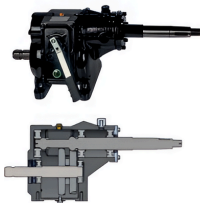


**ESPECIALLY  
DESIGNED FOR  
VINES IN SPALIER**



## AIR SYSTEM CHARACTERISTICS

								
FAN	BLADES	SPEED	NOZZLE HOLDERS	CLUTCH	AIR DUCTS	HP	RANGE (m)	
Ø mm	n°	gear			n°	RPM 540	LAT.	VERT.
820	8	1	24	✓	3	27	5	6
920	8	2	24	✓	3	38	7	8



### TWISTER GEARBOX

- Parallel axles with two speeds and neutral
- Built with a cast iron housing for exceptional strength and durability, ensuring long-lasting performance even under demanding working conditions.
- Transmission ratio for slow speed 1: 3.5 and 1: 4.4 for fast speed
- The gear system is lubricated in an oil bath
- Easy access and maintenance
- Mechanism able to support strong power



### TRONIC CONTROL SYSTEM

- It is able to apply required l/min for each treatment depending on tractor speed
- (DPA) and distance between rows
- 3.2 TFT color display (320x240) Which allows you to visualise all the functions at the same time
- Identification of electrical failures indicated by alarms on the screen
- Agenda that allows you to work on 50 different orchards and 15 different treatments



### SISTROMATIC CONTROL SYSTEM

- Ultrasonic sensors to detect trees
- 1 counters of plants and trees in real time
- Control of input and output delays
- 3.2 TPT color screens (320x240) with backlit keyboard
- Identification of electrical faults using on screen alarms

## OPTIONAL EQUIPMENT



ARTICULATED  
DRAWBAR TO  
TRACTOR HOOK



340/55-16"  
WHEELS



ARTICULATED  
DRAWBAR TO  
TRACTOR ARMS



ANTI-LEAF  
GRILL



LEAF FLAP



PRESSURE  
REGULATOR  
ELECTRONIC  
VALVE KIT



BACK BOX



TRONIC  
VOLUMETRIC  
CONTROL KIT



HYDRAULIC  
BRAKES



SISTROMATIC  
CONTROL KIT



LIGHTING  
INSTALLATION



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