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TOSELLO

20 Product
24 catalogue

Air-blast sprayer line

The air-blast sprayers in our range have been developed drawing on experience gained in the construction of fan assemblies. These are functional machines, in line with EU standards. Field and bench testing has demonstrated effective droplet deposit and low drift.

Eolo



Eolo is one of our company's longstanding models. The outstanding feature of the linkage air-blast sprayer from this series is its lightweight and easy-to-handle design, perfect for applying herbicides on trellis or high-trained horizontal pergola systems on hillsides.

The frame and the fan assembly are both 100% hot-dip galvanized to deliver long-lasting quality.



L



L/min



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200	50	600
300	50	600
400	80	700
500	80	700
600	80	700

• PTO shaft and tank-filling system available to order.

Ponente



Ponente is our company's other top-selling product: trailed air-blast sprayer with hot-dip galvanized frame and fan assembly, suitable for medium-sized systems with more room for manoeuvre. It stands out for the productivity afforded by its up to 2000-litre capacity: less filling means less time spent on each treatment. This air-blast sprayer is suitable for treatments on orchards (the larger fans deliver excellent air flow rates) and on vineyards, whether using the trellis or high-trained horizontal systems.



L



L/min



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600	80	700-800
800	80	700-800
1000	80-120	700-800
1500	120	800
2000	120	800

• PTO shaft and tank-filling system available to order.

Espero



The Espero series comprises machines fitted with the tried-and-tested 830-diameter fan assembly, in the traditional or tower configuration. It has a rear intake, and the excellent air flow rate ensures that even orchards with a large leaf wall area are sprayed thoroughly. The fan unit comprises an aluminium fan and rubber clutch. As on other machines, the metal parts are all hot-dip galvanized to deliver the sort of longevity demanded of this kind of machinery. It comes as standard with electric valve bank with adjusted bypass and in-cab controls.



L



L/min



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1000	120	830
1500	120	830
2000	120	830

• PTO shaft and tank-filling system available to order.



Levante



Levante is the name of our linkage air-blast sprayer with reverse-intake fan assemblies, also available in a tower model. With air taken in from the front, this model does not have to deal with the issues of dirt or leaves getting inside and potentially clogging the air intake: so airflow is guaranteed no matter what the situation. Again, we have a hot-dip galvanized frame, and a fan assembly that comes in a hot-dip galvanized version or with stainless steel construction.

It comes as standard with electric valve bank with adjusted bypass and in-cab controls.



L



L/min



ø

L	L/min	ø
400	80	700
500	80	700
600	80	700

• PTO shaft and tank-filling system available to order.



Zefiro



Zefiro provides everything a demanding farmer needs: impressive air stream delivered by the 700- or 900-diameter fan assembly, high capacities, electrically controlled side panels to shut off flow, and even coverage. Especially suited to trellis or high-trained horizontal systems, its standout qualities are air intake at the front and guaranteed coverage of even the innermost part of the canopy hidden behind the leaf wall. Being a professional product, it comes as standard with the pressure-regulating electric valve bank and master on/off with adjusted bypass and in-cab control, for the ultimate in safe operation.



L



L/min



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600	80	700
800	80	700
1000	80-120	700-900
1500	120	900
2000	120	900

• PTO shaft and tank-filling system available to order.

Air-blast sprayer accessories

- **Stationary air straightening vanes on intake (for GVN, GAL and GAT fan assemblies only)**
- **Albuz ATR 80 nozzle kit**
- **Twin nozzle kit, adjustable from one side (with long part)**
- **Albuz AVI, CVI, TVI non-drift nozzle kit**
- **Pair of self-cleaning inline filters**
- **Rotating nozzle tip with tank rinsing nozzle**
- **Lighting system kit**
- **Series 5 PTO shaft**
- **Bravo 180 computer 2 sections or 4 sections**
- **Series 6 constant-velocity PTO shaft**
- **Manual panels for side flow shut-off**
- **Panels with electromechanical actuator for side flow shut-off**
- **Articulated drawbar with mechanical or hydraulic locking**
- **Drawbar with clevis hitch**
- **Drawbar with hitch to lift**
- **Deflector kit**
- **2-section solenoid valves with electric control panel**
- **2-section solenoid valves + electric pressure-regulating valve with electric control panel**
- **4-section solenoid valves + electric pressure-regulating valve with electric control panel**
- **2-section brass solenoid valves + electric pressure-regulating valve with electric control panel**
- **Leaf guard (for GVN, GAL and GAT fan assemblies)**
- **Powder blender on lid**
- **Pre-mixer with container rinser on main basket**

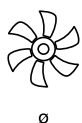
GVN fan assembly



Rear-intake fan assembly with diameters ranging from 500 mm to 800 mm, glass-filled nylon 8-blade fans. The whole fan assembly is hot-dip galvanized to withstand even the harshest herbicides. The gearbox can be single speed + neutral or 2-speed + neutral.

Technical specifications

Hot-dipped galvanized housing, glass-filled nylon fan, 1- or 2-speed gearbox, AISI 304 stainless steel spraybars. ON REQUEST: twin brass non-drip nozzles, flange for Annovi Reverberi pumps.



500-800



1/2-speed + neutral



20-30



14 300-48 000



18 - 25 hp / 14 - 19 kW

GAL and GAT fan assemblies



GAL

GAT

GAL and GAT models stand out for their aluminium fan coupled with a rubber clutch for gentler fan engagement. The GAL version has a traditional diffuser, while the GAT model has a tower diffuser with excellent air output uniformity. GAL is suitable for orchards and trellised vines, as well as vines trained with the GDC technique or high trained on horizontal systems; while GAT is a perfect fit for orchards up to 3 metres tall, and for trellised vines.



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830



2-speed + neutral



m/s

35-40



m³/h

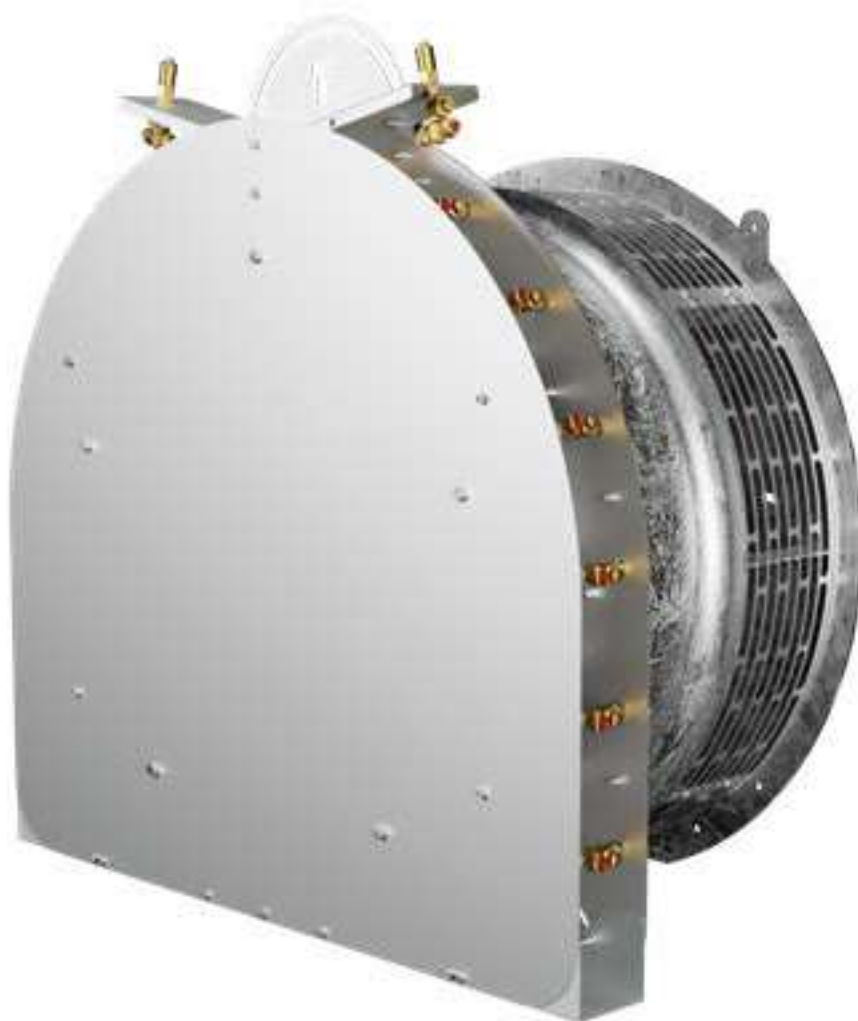
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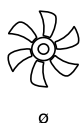
hp/kw

18 - 25 hp / 14 - 19 kW

GVI fan assembly



The GVI fan assembly has been designed for vines trained with the GDC technique or high trained on horizontal systems, which call for high air flow rates and even deposit, even on the tallest vegetation. Intake from the front of the conveyor means the unit is kept cleaner from leaves and debris, which might otherwise clog the air intake, while keeping the operator further away from the herbicide release area. Fan diameter options are 700 mm and 900 mm.



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700 – 900



2-speed + neutral



m/s

20-40



m³/h

14300-60000



hp/kw

3.3 - 25 hp / 2.4 - 19 kW

GVT fan assembly



The distinguishing feature of the GVT fan assemblies is their tower design. There are two models: conveyor diameter 700 mm and 900 mm. The smaller of the two is better suited to vineyard application, while the larger model is suitable for taller vines with dense vegetation, and for orchards up to 3 m tall. Both models feature excellent air output uniformity.



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2-speed + neutral



m/s

20-40



m³/h

14300-60000



hp/kw

3.3 - 25 hp / 2.4 - 19 kW