Since 1946, world leaders in the “Low Volume” and “Mist Blowing” technique

Low Volume-Electrostatic Mist Blower

Awarded with the EIMA 1988 Technical Novelty
The forerunner of all multi-row sprayers in the today’s world market

“Turbo 3 Major”

Its evolution

“Turbo 3 Junior / Super”

The only Italian machine to be awarded the “Quality” prize at the 2004 Verona International Farm Show
**Turbo 3 Junior / Super**

**Pneumatic – Electrostatic Mist Blower**

For simultaneously treating 3 rows/6 walls of vineyard

Awarded the Silver Medal in the new "QUALITY" COMPETITION at the International Farm Show in Verona (Italy) in 2004, this machine was specially designed to solve the problems related to the treatments of modern vineyards with an inter-row distance of between 1.80 and 3.00m. Thanks to an innovative system (Patent: BO 2003 A 000661), it is also possible to alter the spraying distance of the lateral multiple heads within a 100 cm range (eg: for operating on vineyards ranging from 2.00 to 3.00m of inter-row distance). This eliminates the need for complicated telescopic arms and hydraulic/electric jacks which are destined to operate in chemically corrosive environments with doubtful reliability.

An exclusive characteristic of this machine is the straddle unit with monolithic, large diameter metal piping, unlike the multiple arrays of plastic pipes used in similar multi-row machines. This gives the advantage of maximum air-flow performance, remarkable sturdiness and, therefore, operating speeds of up to, and greater than, 10 KPH.

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**MAIN DESIGN FEATURES**

- Hot dip galvanized basic frame
- High flow rate (250 l/m) Stainless steel Centrifugal Pump with special mechanical seals
- DOUBLE suction, ultra high aerodynamic performance Centrifugal Fan (20,000 m³/hour of air at 70 m/sec )
- Height and width adjustable axle
- Eye type drawbar, but also available with approved articulated type drawbar with mechanical stop
- ELECTRICAL control of the liquid by use of a pressure-compensating device
- 2+2+2 Stainless steel graduated scale precision calibrating valves for the distribution of all spray volumes from 50 to 2000 L/hectare, utilizing one type of large 4mm. non clogging, non wearing micronizer nozzle at a constant pressure of 1.5 bar
- 8+8+8 (Junior) or 10+10+10 (Super) single nozzle DIFFUSERS with adjustable outlets of 80 mm. air inlet or 6+6+6 (Super) double nozzle with 120 mm air inlet (depending on vines canopy)
- HYDRAULIC articulation and rotation devices for in field maneuvering and road transfers
- Available in pulled or trailed versions with 1000 and 1500 l (Poly) or 2200 l (SS) Capacities

**Available on request**

- micro-droplets ELECTROSTATIC charge device

**Required power**

- for tractors starting from a power of 70 HP [52 kW]

**Performance**

- 40 – 50 hectares per day

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