



**MARTIGNANI-KWH  
PNEUMATIC-ELECTROSTATIC MIST BLOWER  
Model WHIRLWIND B 120 “CALIFORNIA”  
PTO 3P Mounted and Pulled version**

Hot dip galvanized basic frame – Stainless steel high capacity Centrifugal Pump (120 l/m-32 GPM flow rate for 3P Mounted versions – 250 l/m-66 GPM flow rate for Pulled versions) with special mechanical seals (upon request, as an alternative to Centrifugal pump: 2-membrane pump for 115 l/m-30 GPM flow rate and 20 bar-290 PSI for 3P Mounted versions – with 4 membranes, 160 l/m-42 GPM flow rate and 20 bar-290 PSI for Pulled versions) – KWH SINGLE suction, very high aerodynamic performance Centrifugal Fan (9,000 cu.m./hour (317,880 cubic feet/hour) of air at 80 m/sec (262.39 feet/sec)) – MECHANICAL control (upon request with ELECTRICAL control) – 2 Stainless steel graduated scale precision CALIBRATING VALVES to carry out spray volumes from 50 to 2,000 l/hectare (roughly 5 to 200 USG/Acre), with only one type of non clogging micronizer nozzle of  $\varnothing$  4 mm (0.16”) without problems for clogging or wear, always at a pressure of 1.5 bar (22 PSI) – **“CALIFORNIA type head”**, made up by: 400 mm (16”) or 800 mm (32”) hot galvanized steel extension with 4 x 80 mm (3.2”) diam. upper heads with double nozzle, which can be adjusted on the vertical plane for the targeted treatment of the upper part of the vine or to treat **2 additional walls (1 additional row) of thick/narrow row crop or espalier vineyard or modern fruit trees** – 4-outlets lower diffuser, 80 mm (3.2”) diam., with 4 double nozzle heads which can be adjusted on the horizontal and vertical planes – The axle can be adjusted in height and width (on pulled models and in the 3/P semi-mounted versions) – Adjustable “eye type” drawbar (in Pulled versions) and also available an “articulated type” drawbar with mechanical and/or hydraulic stop.  
UPON REQUEST: micro-drops’ **ELECTROSTATIC** charge.

Available in:

- Pulled versions with **capacities of 600 l (160 USG) - 800 l (210 USG)** (with plastic reinforced fibreglass tank), **1,000 l (260 USG)** (both with polyethylene or fibreglass tank), all with integrated circuit cleaning and hand washing (15 l-4 USG) tanks in compliance with “CE” norms.
- 3/P Mounted **with 400 l (106 USG) capacity** (tank in polyethylene)

**REQUIRED POWER:** for tractors starting from **40 HP (31 kW)**

**PERFORMANCE:** up to **15-20** hectares per day (35 to 45 acres per day)



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