



**“MARTIGNANI-KWH” PNEUMATIC -ELECTROSTATIC MIST BLOWER
PHANTOM B 612 “STANDARD” and “MAJOR” –
PTO 3P Mounted/Pulled and engine powered Pulled models**

Hot dip galvanized basic frame – High capacity BRONZE or STAINLESS STEEL Centrifugal Pump with special mechanical seals - KWH DOUBLE suction very high aerodynamic performance Centrifugal Fan (“STANDARD” version: 20,000 cu.m./hour (706,400 cubic feet/hour) of air at 70 m/sec (229.60 feet/sec)/ “MAJOR” version: 25,000 cu.m./hour (883,000 cubic feet/hour) of air at 70 m/sec (229.60 feet/sec)); the fan is adjustable and with gear motor, over a 240° arc - MECHANICAL control (upon request with ELECTRICAL control) – TWO Stainless steel graduated scale kwh precision CALIBRATING VALVES to carry out all work volumes from 50 to 600 l/hectare (roughly 5 to 70 USG/Acre), with a single type of non clogging micronizer nozzle of \varnothing 4 mm (0.16”) without clogging or wear problems, always at a pressure of 1.5 bar – GUN diffuser with 300 mm (12”) diam. spout and 8 KWH nozzles.

The following versions are available:

- with **GUN** diffusers: “RIGID or DIRECT”, “ARTICULATED” which can be folded at 90°, “ARTICULATED on slewing ring”, therefore it can be folded at 90° + 360° horizontal rotation, to perform long range treatments on *Ornamental trees, field crops, inside Greenhouses/Hothouses or Tunnel crops, tree Nurseries, Tropical crops (banana, pineapple, etc.), Public Health and Pest Control Operations, Locust Control, etc...*
- with **90° double sector KOMBY** diffusers to also perform treatments on **ROW CROPS** (*vineyards, orchards, citrus plantations, olive cultivations, etc...*) all available (upon request) also with “Martignani-KWH” **ELECTROSTATIC** device, able to reduce losses due to drift by 85%.

MODELS:

- **PTO 3P Mounted.** With **400 l (106 USG) – 500 (130 USG) - 600 l (160 USG)** tanks in polyethylene all equipped with 60 l (16 USG) circuit cleaning tank and 15 l (4 USG) hand washing tank.
- **PTO Pulled.** With **1000 l (260 USG) – 1500 l (400 USG)** plastic reinforced fibreglass tanks equipped with 100 l (26 USG) circuit cleaning tank and 15 l (4 USG) hand washing tank.
- **Engine Powered Pulled equipped WITH 90 HP- 67 kW INDEPENDENT ENGINE:** with **2200 l (580 USG)** stainless steel tank.

REQUIRED POWER:

PTO versions with “STANDARD” FAN: for tractors starting from 65 HP (48.50 kW).

PTO versions with “MAJOR” FAN: for tractors starting from 80 HP (60 kW).

Version with independent engine: for tractors starting from 45 HP (34 kW).

EFFECTIVE RANGE IN THE VERSION WITH GUN:

Versions with “STANDARD” FAN: **up to 45 m. (147.60’) HORIZONTAL – 35 m. (114.80’) VERTICAL**

Versions with “MAJOR” FAN: **up to 50 m. (164’) HORIZONTAL – 40 m. (131.19’) VERTICAL**

PHANTOM B612 Technical data						
VERSION	PTO 3P MOUNTED			PTO PULLED		PULLED Engine powered
CAPACITY	400 l 106 USG	500 l 130 USG	600 l 160 USG	1000 l 260 USG	1500 l 400 USG	2000 l 520 USG
Centrifugal pump d. 40 (120 l/m-32USG)	*	*	*	*		
Centrifugal pump d. 50 (250 l/m-66 USG)					*	*
Length with GUN diffuser (in cm.)	195	195	195	350	375	465
Length with KOMBY diffuser (in cm.)	282	282	282	427	452	
Width	123	123	123	135	147	170
Height	116	124	135	135	150	200
(empty) weight in Kg.	440	450	460	780	900	1600

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