

5 GOOD REASONS

FOR CHOOSING
MARTIGNANI
MIST BLOWERS
WITH THE
ELECTROSTATIC
DEVICE



1

**OPERATING ADVANTAGES,
COMPARED TO A
CONVENTIONAL SPRAYER:**

- Drift losses on atmosphere - 85%
- Run-off losses on the ground - 70%
- Perfect and uniform distribution of the agrochemical (minor quantity required per hectare)
- Increased efficiency
- Adaptable to any cultivation form

2

SAVINGS:

- Time: about 60%
- Labour: about 60%
- Chemicals: about 50%
- Water: about 90%

3

PRODUCTION QUALITY:

- Healthier crops
- Fruits without imperfections
- Fruits and wine with "zero" or minimum legal chemicals residues

4

LIFE QUALITY:

- Environmental impact reduction
- Contamination dangers for operators: about - 75%
- Guarantee of health for the consumers

5

TESTIMONIALS:

- Tested (with published results) worldwide by several eminent Research Institutes (three in Italy)
- INTERNATIONAL FAIRS MULTI AWARD WINNING:**
 - SIMA - Paris - France (Golden Medal 1985)
 - EIMA - Bologna - Italy (Technical Innovation 1988, 2004, 2014)
 - AGRIBEX - Bruxelles - Belgium (Silver Spike 1992)
 - FIERAGRICOLA - Verona - Italy (Technical Innovation 1994, 1995, 2004, 2016)
 - EIMA - Bologna - Italy (Environment Award 2016)
 - EIMA - Bologna - Italy (Technical Mention 2021)



TREATED WITH
ELECTROSTATIC
AGRO SPRAY SYSTEM

PHANTOM "NEWPORT20"



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SMART
SOLUTIONS
for a
MODERN &
ECO-FRIENDLY
FARMING

PHANTOM "NewPort20"

Articulated Electrostatic
Sprayer for perfect
maneuverability in hilly
vineyards



Drive 6/90: "NewPort20" it has a turning radius of less than 6 meters and can be articulated up to 90°.



From **FIRST** in story...

1964

Mod. Port 20
IL PRIMO ARTICOLATO



...to **FIRST** in perfection
for "Electrostatic Low Volume"
treatments with not only **ANTI DRIFT** but
also **ANTI CHEMICAL RESIDUES ON**
THE HARVESTS, CERTIFIED!

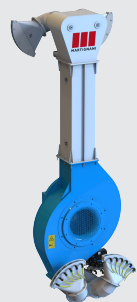
TODAY WE PRESENT THE
EVOLUTION "NewPort20"



AVAILABLE CONFIGURATIONS

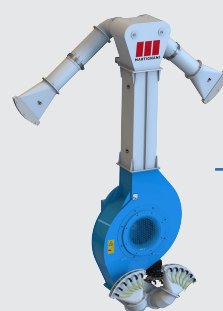


KOMBY



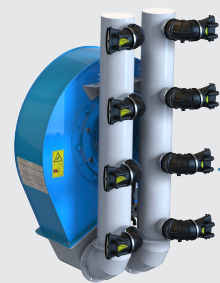
CALIFORNIA
ORCHARD

2 upper heads not
extended and 2
lower heads



CALIFORNIA
VINEYARD

2 extended upper
heads and 2 lower
heads



MULTIFLOW



CANNON



This Mist Blower has a turning
radius of less than 6 meters and
can be articulated up to 90
degrees, greatly facilitating the
maneuver (Drive 6/90)

The distributor apparatus
(fan and diffusers)
is positioned in front of
the tank and is connected
directly to the tractor's 3-
point hitch, while the tank
is hooked through a joint
system that allows for
better maneuverability in
the field.

HERE ARE THE EXCLUSIVE "PLUS"
OF THE ARTICULATED PHANTOM
"NewPort20":

- **Low Volume*** and sustainable use of crop protection products = **saving of water - time - product**
- Electrostatic charge and reduction of drift losses = **further product savings + ZERO residues on fruit and wine**
- Targeted jet for even distribution within the vegetation = **healthier plants = less need for phytosanitary interventions**
- Higher working speed = **time saving**
- Very low absorbed power: tractors required to start, depending on the equipment, from only 24 or 50 HP in the plains = **fuel economy**
- Range: Available capacities **1000 LT** and **1500 LT**

The Phantom Articulated, like all Martignani sprayers, adopts a pneumatic pulverization system which guarantees speed of execution, optimal micronization and constant, uniform distribution, exceptional capacity of range and penetration in any climatic situation and superior efficacy in fungicidal or insecticide treatments.

* **Low Volume MARTIGNANI**

CONSTRUCTION FEATURES

- Tubular steel frame with **DUPLEX*** treatment
 - Large reclining platform for tank inspection
 - Tank trailer drawbar adjustable in length (3 positions at choice)
 - Axles adjustable in width and height
 - Wheels with "Trelleborg" tires and 6-hole rims
 - High density polyethylene tank complete with large (d. 400) product mixer basket with container rinsing kit, level indicator, hand washing tank, circuit washing tank
 - Distribution devices in steel with **DUPLEX*** treatment
 - Centrifugal fan Ø 700 mm with very high aerodynamic efficiency and reduced power consumption
 - Oil bath gear box with device for disengaging the fan
 - Self-priming centrifugal pump in stainless steel (flow rate 170 l/m) with **SSM (Special Seal Martignani)** mechanical seals resistant to the most concentrated chemical mixtures
 - Solenoid valves with electric remote control and anti-drip system (**PATENTED**), double pressure gauge (including pressure gauge filter cleaning indicator) and electric pressure regulator
 - Stainless steel graduated scale metering valve, available in both the LV version (scale 0-550 l/h for viticulture) and the HV version (scale 0-1300 l/h for fruit growing)
- * **DUPLEX: High adhesion anti-corrosion primer in cataphoresis + paint**

ACCESSORIES ON REQUEST

- Arag Bravo Spray Computer
- EU road homologation "Mother Regulation"



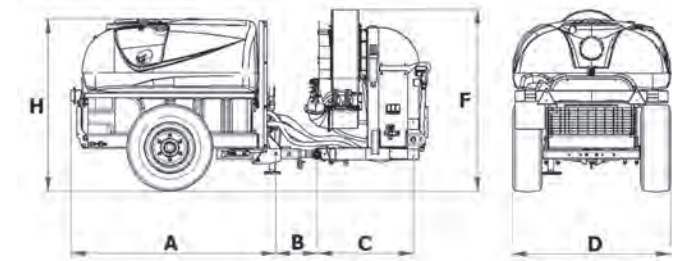
The "**CALIFORNIA-VINEYARD**" version is perfect for treating alternate rows of vineyards, i.e. 4 walls for each passage with enormous savings of time because the steps are reduced exactly by half maintaining a light, agile and reliable structure of the machine.

The two upper heads are hydraulically adjustable, on request, from the driver's seat, ideal when working on hills.

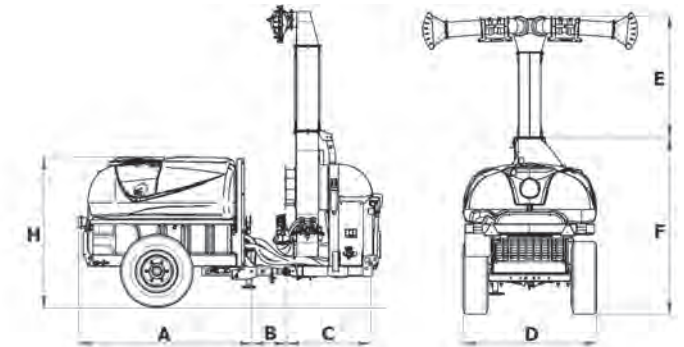
TECHNICAL DATA

01/2021

KOMBY



CALIFORNIA



DESCRIPTION	KOMBY		CALIFORNIA	
	Capacity (lt)			
Tank	1000	1500	1000	1500
Circuit Rinsing tank	100		100	
Hand Wash tank	15		15	
	Weight (kg)			
Empty mass	740	780	810	850
Fully loaded mass	1855	2395	1925	2465
	Tires			
260/70 - 15.3 (1)	✓		✓	
340/55 - 16 (2)	✓	✓	✓	✓
300/80 - 15.3 (3)		✓		✓
	Dimensions (mm)			
A	2105	2305	2105	2305
B	355 ÷ 625		355 ÷ 625	
C	847		847	
D (1)	1355	-	1355	-
D (2)	1410	1410	1410	1410
D (3)	-	1395	-	1395
E (tower 400 mm)	-	-	-	770
E (tower 600 mm)	-	-	-	970
E (tower 850 mm)	-	-	-	1220
F (1)	1540 ÷ 1640	-	1720 ÷ 1820	-
F (2)	1610 ÷ 1710	1610 ÷ 1710	1790 ÷ 1890	1790 ÷ 1890
F (3)	-	1605 ÷ 1705	-	1785 ÷ 1885
H (1)	1465 ÷ 1565	-	1465 ÷ 1565	-
H (2)	1535 ÷ 1635	1735 ÷ 1835	1535 ÷ 1635	1735 ÷ 1835
H (3)	-	1730 ÷ 1830	-	1730 ÷ 1830
Total Machine height	-		E + F	
	Mist Blower Specifications			
Tractor power required	18 kW (24 HP)		36 kW (50 HP)	
Absorbed power by the sprayer	13 kW (17 HP)		26 kW (35 HP)	
Pump flow rate (l/m)	170		170	
Operating pressure (bar)	1,5		1,5	
Fan air capacity (m ³ /h)	6550		10500	
Air Speed (m/s)	from 65 to 85		from 65 to 85	
Fan rotation speed (revs./min.)	from 3600 to 4250		from 3600 to 4250	
Sound power level db (A)	104		104	

We reserve the right to make changes without prior notice