



GOLD MEDAL - NEW TECHNOLOGY  
FIERAGRICOLA VERONA 1991

CERTIFIED 

BEYOND  
INNOVATION,  
A CERTAINTY  
OVER TIME

*Electrostatic Sprayer*

# WHIRLWIND "TURBO 2"

*Patent N.° BO 91 U 000040*



**ISO  
BUS**

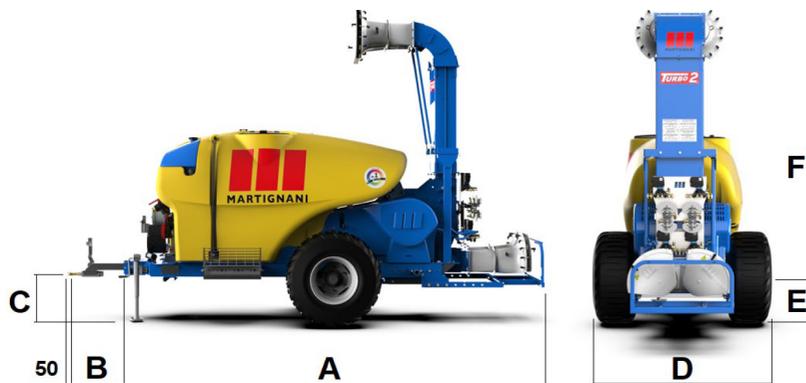


 **ELECTROSTATIC**®  
AGRO SPRAY SYSTEM

*...pioneers since 1981*

FIRST TOWER SPRAYER ever with DOUBLE TARGETED ANTI-DRIFT DISTRIBUTION now with NEW TELESCOPIC RAISING SYSTEM. PERFECT for treating VINEYARDS with "T" trellis (for cross-spray on bunches), ORCHARDS, CITRUS, WALNUTS, OLIVES, CHESTNUTS, HAZELNUTS, ALMONDS, tropical crops such as MANGO, AVOCADO, MACADAMIA, etc..

## TECHNICAL DATA



Description		WW M612 Turbo2				
<b>Capacity (lt)</b>						
Tank		600	1000	1500	2000	3000
Circuit Rinsing Tank		32		120		234
Hand Wash Tank		12		25		15
<b>Weight (kg)</b>						
Empty Mass		920	980	1265	1310	1650
Fully Loaded Mass		1580	2200	2950	3500	5340
<b>Tires</b>						
260/70 - 15.3 (1)		✓	✓			
340/55 - 16 (2)			✓	✓	✓	
300/80 - 15.3 (3)		✓		✓	✓	
400/60 - 15.5 (4)			✓	✓	✓	✓
500/50 - 17 (5)						✓
<b>Drawbar</b>						
Fixed eye drawbar (6)		✓	✓	✓	✓	✓
Articulated drawbar (7)		✓	✓	✓	✓	✓
<b>Dimensions (mm)</b>						
A		3300	3760	4020	4250	5170
B	Fixed eye drawbar	502 - 647				530 - 675
	Articulated drawbar	680				810
C	260/70 - 15.3	343*		-	-	-
	340/55 - 16	-	357*	391*	452	-
	300/80 - 15.3	401*		438*	496	-
	400/60 - 15.5	-	404*	435*	499	(6) 460 - (7) 545
	500/50 - 17	-	-	-	-	(6) 485 - (7) 565
D min.	260/70 - 15.3	1358		-	-	-
	340/55 - 16	-	1433	1653	-	-
	300/80 - 15.3	1385		1605	-	-
	400/60 - 15.5	-	1494	1714	2000	-
	500/50 - 17	-	-	-	-	2100
E	260/70 - 15.3	350		-	-	-
	340/55 - 16	-	390	-	-	-
	300/80 - 15.3	434		-	-	-
	400/60 - 15.5	-	437	-	-	-
	500/50 - 17	-	-	-	-	438
F	tower 300 mm	1730*	1750*	1780	1830	
	tower 500 mm	1930*	1950*	1980	2030	
	tower 750 mm	2180*	2200*	2230	2280	
	tower 1000 mm	2430*	2450*	2480	2530	
	tower 1500 mm	2930*	2950*	2980	3030	
	tower 2000 mm	3430*	3450*	3480	3530	
Total Machine Height		E + F				
<b>Mist Blower Specifications</b>						
		STANDARD Transmission		MAJOR Transmission		
Tractor Power Required		51 kW / 70 HP		62 kW / 85 HP		
Absorbed power by the Sprayer		26 kW / 35 HP		41 kW / 55 HP		
Pump flow rate (l/min.)		from 250 to 500				
Operating pressure (bar)		1.5				
Fan air capacity (m3/h)		19200		24000		
Air speed (m/s)		70				
Fan rotation speed (rpm)		2300		2600		
Sound power level db(A)		112 db(A)				

\* variable measurement +/- 55 mm depending on axle positioning (high/low)

## CONSTRUCTION FEATURES

The model was conceived together with the development of the DOUBLE OUTLET centrifugal FAN, which allowed to add to the standard 2-sector diffuser another identical overhead on a variable height tower mounted on the new vertical outlet, to obtain a more rational distribution, defined "H.T.S." (Hit Target System).

It's interesting to know that in the 1991 season an example of the Turbo 2 was asked by the University of Padua (Italy) to carry out treatment tests in an APPLE TREE to verify the phytosanitary efficacy of the LOW VOLUME against Aphids and the Apple Maggot and the ability of the TARGETED ELECTROSTATIC DISTRIBUTION to DRASTICALLY REDUCE dispersions in the environment (in the ground and in the air).

Here are the results:  
operating at 150 l/ha of 10 times concentrated mixture with a speed of 6.3 km/h, it has demonstrated efficacy greater than 1500 l/ha of the conventional sprayer in the fight against fungus and aphids and the same effects in other insecticide treatments. The upward DRIFT was 85% lower with ground losses lower than 70% (See the acts of the Phytopathological Days Proceedings 1992 - 3 - 287 - 296)

## ACCESSORIES ON REQUEST

- Bravo 180S automatic rate controller
- EU Road Homologation (Regulation 167/2013)
- Tandem axle
- "H.T.S." TELESCOPIC tower
- Hydraulic adjustment of the two upper heads
- "WALNUTS" kit with double cannon/fan head



"WALNUTS" KIT

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