

A hand is holding a tablet in the center of the frame. The tablet displays the CIMA logo, which consists of the word "cima" in a red, italicized, lowercase font with a registered trademark symbol, and the words "SPRAYERS - DUSTERS" in a smaller, red, uppercase font below it. The background of the tablet shows a scenic view of a farm at sunset, with a sun low on the horizon, a vineyard in the foreground, and a large tree with yellow fruit on the right. The background of the entire image is a blurred view of a farm with various crops like corn and soybeans under a cloudy sky at sunset.

*cima*<sup>®</sup>  
SPRAYERS - DUSTERS

**TECHNOLOGY FOR NATURE**



# COMPANY

## WHO WE ARE

Since 1974 **CIMA S.P.A.** has been a leader in the production of equipment for crop protection:

- > **LOW VOLUME PNEUMATIC SPRAYERS**
- > **DUSTERS**

The company has always believed in the concept of sustainability, committing itself to the development and innovation of products that ensure the highest level of respect for the environment and for people.

The goal is to supply high quality equipment that allows the carrying out of plant protection treatments aimed at the conformation of vegetation thanks to the adaptation of distribution heads.

Our mission is full customer satisfaction: considerable saving of water, time reduction and more timely intervention are the advantages of CIMA's low volume pneumatic.

### WE ARE:

*Experience, Excellence, Passion, Made in Italy, Sustainability, Enthusiasm, Determination, Quality, Customer service.*

These are the values that have distinguished us for over 40 years.

## MADE IN ITALY

**A production chain entirely Made in Italy**

Every mechanical part of our sprayers, dusters and sprayheads is conceived, designed and built inside the CIMA factory. The total control of the production chain and the high specialization ensure the quality of Made in Italy.



## HISTORY

**CIMA S.P.A.** was founded in 1974 by the willingness to develop an innovative technique for crop protection. The Valle Versa, in the heart of the Oltrepo' Pavese noted for the quality of its vineyards and wines, is an adequate terrain to welcome the new operative principle (defined as Low Volume) which the production of pneumatic sprayers and dusters is based on. The special needs of various Italian situations and the possibility to provide quality interventions that are more efficient and economically more advantageous, while respecting the ecological balance of the environment, have initiated the industrial progress of the company. The positive response from the European viticulture market was immediate, the French one in particular: this has given us the opportunity to come into contact with situations and growing techniques different from the domestic ones, giving us the push for the design and development of personalised solutions.

The flexibility to design quality products tailored to the needs of the end user, has enabled the company to create successful solutions even for the treatment of crops that are different from vines. The strength from matured experience and thanks to the initiatives of its leadership, at the beginning of the 1980s CIMA took its first steps outside of the European market, initially exporting to South Africa, which has warmly welcomed the innovative equipment: then requests from the United States of America, Australia and New Zealand followed. The foreign market has allowed us to broaden our knowledge on diverse conditions and crops; thanks to the specialisation and the exchange of information with clients in the area, as well as the information and experience acquired during the experimentation and field trials, the R&D staff is always able to develop and offer the right product according to every client's needs.

In 2000 the company made significant investments in the construction of the new headquarters, introducing ultra-modern machinery: every mechanical part is manufactured inside the factory to ensure the total Made in Italy supply chain.

In the last decade, thanks to the conclusion of important trade agreements with countries such as India, Kenya and Egypt, export represents 85% of sales.

**CIMA S.P.A.** is already working for the future: as always, commitment and energy are dedicated to the carrying out of products that are constantly at the forefront of respecting the environment.



## NEW PLUS 42



## NEW PLUS 45



## NEW PLUS 50



## NEW PLUS 55



### STRONG POINTS



> Broad range of sprayheads, all equipped with the new anti-drip system (patent Nr. 1745689). Sprayheads' distribution devices (hands and/or cannons) are available in different sizes and heights, they can be adjustable and interchangeable to guarantee a better spray penetration through the canopy and a complete coverage on any type of crop.

- > **Polyethylene tank**, large filling opening (Ø 360).
- > 15 litres **fresh water tank** included.
- > **Spray-line rinsing** tank integrated into the main tank (GOLD models).
- > Hydraulic **pre-mixer** incorporated within the basket filter.
- > **Two agitation systems**, liquid and air.



> C.I.M.A.S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance. Poly-V belt drive with automatic tensioner.



> Poly-V belt drive to absorb any stress. Long life belt – over 5000 hours. The automatic tensioner avoids slipping and wear. High quality spray atomization after several years of use.

> **Overrunning clutch – safety stop device** in the event the PTO is suddenly stopped.



> **Rotating calibration discs**, 15 positions (patent Nr. 23238), very easy to adjust: **delivery from 70 to 5000 l/h.**



> The components are electrostatic painted with polyester powder.



> Steel high pressure radial fan, polyethylene fan housing.

> Spraying ON/OFF control by remote control electro-valves from tractor seat.



# MOUNTED SPRAYERS

## LOW VOLUME

The pneumatic Low Volume Venturi Air  
From 1974 easy, effective, unrivalled!

Using the unique Low Volume Venturi Air system by CIMA, it is possible to save a huge quantity of water when spraying with our sprayers. The distribution generates a water fog with a very small diameter for the 90% of the droplets (usually 100 / 150 microns). The distribution results precise and uniform, therefore of **GREAT EFFICACY**. In other words, CIMA pneumatic sprayers cover the same area of vegetation treated by the "high volume" sprayers but with much less water used, that is with a "LOW VOLUME" of water.



**NEW PLUS 42-P.7**



**NEW PLUS 45-P.9**



**NEW PLUS 50-P.11**



**NEW PLUS 55-P.13**

**MOUNTED SPRAYERS**



**VINEYARD**



**POMEGRANATE**



**VINEYARD**



**RASPBERRIES**



# 3-POINT MOUNTED SPRAYER

## NEW PLUS 42



The 3-point mounted low volume sprayer model **New Plus 42**, with pneumatic atomization based on the “Venturi Tube” principle, performs chemical treatments with a low volume of water. Heavy and compact, precise in the applications of the quantities of chemicals, it works easily on the uneven grounds and guarantees high operation autonomy. Maximum performance with low operating costs and low maintenance. **This sprayer is very unique in the market with hand-washing and spray-line rinsing tanks included into the main tank, and with two mixing agitations systems (hydraulic/pneumatic).**

### SPECIFICATIONS

- > 300 and 400lt. main tank in polyethylene equipped with graduated level indicator
- > 15lt. hand-washing tank and spray-line rinsing tank (GOLD models only) (30 or 40lt depending on the sprayer model)
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions - delivery from 70 to 3300 l/h
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder designed for installing optional support wheels
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing



### SIZE AND WEIGHT

	L.300	L.400
LENGTH	144 - 162 cm	144 - 162 cm
WIDTH	96 cm	112 cm
HEIGHT (Standard model)	119 cm	122 cm
HEIGHT (GOLD model)	127 cm	130 cm
WEIGHT (Standard model)	208 Kg	211 Kg
WEIGHT (GOLD model)	216 Kg	219 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	NEW PLUS 42
TRACTOR	Minimum required power kw 18 - hp 25
SPRAYER	Absorbed power kw 13 - hp 18
FAN	450 mm. dia. steel closed radial fan 4000 rpm – air delivery 4000 m <sup>3</sup> /h – air speed 228 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4000 rpm – 120 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead.





**MOUNTED SPRAYERS**





# 3-POINT MOUNTED SPRAYER

## NEW PLUS 45



The 3-point mounted low volume sprayer model **New Plus 45**, with pneumatic atomization based on the “Venturi Tube” principle, performs chemical treatments with a low volume of water.

Heavy and compact, precise in the applications of the quantities of chemicals, it works easily on the uneven grounds and guarantees high operation autonomy. Maximum performance with low operating costs and low maintenance.

**This sprayer is very unique in the market with hand-washing and spray-line rinsing tanks included into the main tank, and with two mixing agitations systems (hydraulic/pneumatic).**

### SPECIFICATIONS

- > 300 and 400lt. main tank in polyethylene equipped with graduated level indicator
- > 15lt. hand-washing tank and spray-line rinsing tank (GOLD models only) (30 or 40lt depending on the sprayer model)
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions - delivery from 70 to 3400 l/h
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder designed for installing optional support wheels.
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing



### SIZE AND WEIGHT

	L.300	L.400
LENGTH	144 - 162 cm	144 - 162 cm
WIDTH	96 cm	112 cm
HEIGHT (Standard model)	119 cm	122 cm
HEIGHT (GOLD model)	127 cm	130 cm
WEIGHT (Standard model)	210 Kg	213 Kg
WEIGHT (GOLD model)	218 Kg	221 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	NEW PLUS 45
TRACTOR	Minimum required power kw 33 - hp 45
SPRAYER	Absorbed power kw 17 - hp 23
FAN	450 mm. dia. steel closed radial fan 4500 rpm – air delivery 5400 m <sup>3</sup> /h – air speed 188 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead



**MOUNTED SPRAYERS**



**BANANAS**



**VINEYARD**



**VINEYARD**



**KIWI**



# 3-POINT MOUNTED SPRAYER

## NEW PLUS 50



The 3-point mounted low volume sprayer model **New Plus 50**, with pneumatic atomization based on the “Venturi Tube” principle, performs chemical treatments with a low volume of water.

Heavy and compact, precise in the applications of the quantities of chemicals, it works easily on the uneven grounds and guarantees high operation autonomy. Maximum performance with low operating costs and low maintenance.

**This sprayer is very unique in the market with hand-washing and spray-line rinsing tanks included into the main tank, and with two mixing agitations systems (hydraulic/pneumatic).**

### SPECIFICATIONS

- > 400 and 600lt. main tank in polyethylene equipped with graduated level indicator
- > 15lt. hand-washing tank and spray-line rinsing tank (GOLD models only) (40 or 60lt depending on the sprayer model)
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions - delivery from 70 to 3400 l/h
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder designed for installing optional support wheels.
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing



### SIZE AND WEIGHT

	L.400	L.600
LENGTH	144 - 162 cm	148 - 166 cm
WIDTH	112 cm	137 cm
HEIGHT (Standard model)	123 cm	122 cm
HEIGHT (GOLD model)	130 cm	135 cm
WEIGHT (Standard model)	240 Kg	255 Kg
WEIGHT (GOLD model)	248 Kg	263 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	NEW PLUS 50
TRACTOR	Minimum required power kw 48 - hp 65
SPRAYER	Absorbed power kw 24 - hp 33
FAN	500 mm. dia. steel closed radial fan 4000 rpm – air delivery 7550 m <sup>3</sup> /h – air speed 175 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead



**MOUNTED SPRAYERS**



**VINEYARD**



**OLIVE TREES**



**PALMS**



**VEGETABLES**



# 3-POINT MOUNTED SPRAYER

## NEW PLUS 55



The 3-point mounted low volume sprayer model **New Plus 55**, with pneumatic atomization based on the “Venturi Tube” principle, performs chemical treatments with a low volume of water.

Heavy and compact, precise in the applications of the quantities of chemicals, it works easily on the uneven grounds and guarantees high operation autonomy. Maximum performance with low operating costs and low maintenance.

**This sprayer is very unique in the market with hand-washing and spray-line rinsing tanks included into the main tank, and with two mixing agitations systems (hydraulic/pneumatic).**

### SPECIFICATIONS

- > 400 and 600lt. main tank in polyethylene equipped with graduated level indicator
- > 15lt. hand-washing tank and spray-line rinsing tank (GOLD models only) (40 or 60lt depending on the sprayer model)
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions - delivery from 100 to 5000 l/h
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder designed for installing optional support wheels
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing

### TECHNICAL INFORMATION

	NEW PLUS 55	NEW PLUS 55 SUPER	NEW PLUS 55 EXTRA
TRACTOR	Minimum required power kw 52 - hp 70	Minimum required power kw 58 - hp 80	Minimum required power kw 66 - hp 90
SPRAYER	Absorbed power kw 26 - hp 36	Absorbed power kw 34 - hp 47	Absorbed power kw 41 - hp 55
FAN	550 mm. dia. steel closed radial fan 3500 rpm – air delivery 12500 m <sup>3</sup> /h – air speed 150 m/sec	550 mm. dia. steel closed radial fan 3700 rpm – air delivery 14000 m <sup>3</sup> /h – air speed 170 m/sec	550 mm. dia. steel closed radial fan 3900 rpm – air delivery 15500 m <sup>3</sup> /h – air speed 180 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

### SIZE AND WEIGHT

	L.400	L.600
LENGTH	145 - 163 cm	149 - 167 cm
WIDTH	112 cm	137 cm
HEIGHT (Standard model)	122 cm	127 cm
HEIGHT (GOLD model)	127 cm	135 cm
WEIGHT (Standard model)	255 Kg	270 Kg
WEIGHT (GOLD model)	263 Kg	278 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

Values can vary according to the used distribution sprayhead



**BLITZ 45**

**BLITZ 50**

**BLITZ 55**

**BLITZ AVANT 50**

**BLITZ AVANT 55**



**STRONG POINTS**

> The components are **electrostatic painted** with polyester powder.



- > Polyethylene tank.
- > Hydraulic pre-mixer incorporated within the basket filter.
- > Two agitation systems, liquid and air.
- > Spraying ON/OFF control by remote control electro-valves from tractor seat.

- > Drawbar: adjustable in length and height.
- > Parking stand.

- > Wheel-hubs: adjustable in width and height.
- > Axle: adjustable in 3 different positions.



> Steel high pressure radial fan, polyethylene fan housing.

> The **spray-line rinsing tank**, placed under the main tank, if kept full gives a great stability even when the main tank is empty.



> Broad range of **sprayheads**, all equipped with the new anti-drip system (patent Nr. 1745689). Sprayheads' distribution devices (hands and/or cannons) are available in different sizes and heights, they can be **adjustable and interchangeable** to guarantee a better spray penetration through the canopy and a complete coverage on any type of crop.



> C.I.M.A.'S **centrifugal pump** (no diaphragms or valves) made of anticorrosive material and requiring no maintenance. Poly-V belt drive with automatic tensioner.



> **Poly-V belt drive** to absorb any stress. **Long life belt – over 5000 hours.** The automatic tensioner avoids slipping and wear. High quality spray atomization after several years of use.

> **Overrunning clutch – safety stop device** in the event the PTO is suddenly stopped



> **Rotating calibration discs**, 15 positions (patent Nr. 23238), very easy to adjust: **delivery from 70 to 3400 l/h (Blitz 45 – 50 models) and from 100 to 5000 l/h (Blitz 55 models).**



# TRAILED SPRAYERS

## LOW VOLUME

**The pneumatic Low Volume Venturi Air  
From 1974 easy, effective, unrivalled!**

Using the unique Low Volume Venturi Air system by CIMA, it is possible to save a huge quantity of water when spraying with our sprayers. The distribution generates a water fog with a very small diameter for the 90% of the droplets (usually 100 / 150 microns). The distribution results precise and uniform, therefore of **GREAT EFFICACY**. In other words, CIMA pneumatic sprayers cover the same area of vegetation treated by the “high volume” sprayers but with much less water used, that is with a “LOW VOLUME” of water.



**BLITZ 45 – P.17**



**BLITZ 50 – P.19**



**BLITZ 55 – P.21**



**BLITZ AVANT 50 – P.22**



**BLITZ AVANT 55 – P.23**







VINEYARD

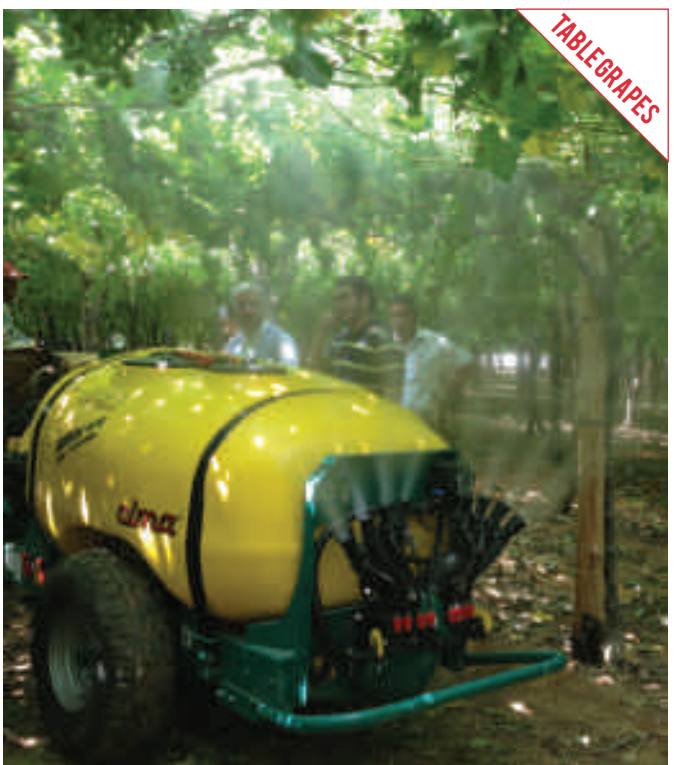


TABLE GRAPES



VINEYARD

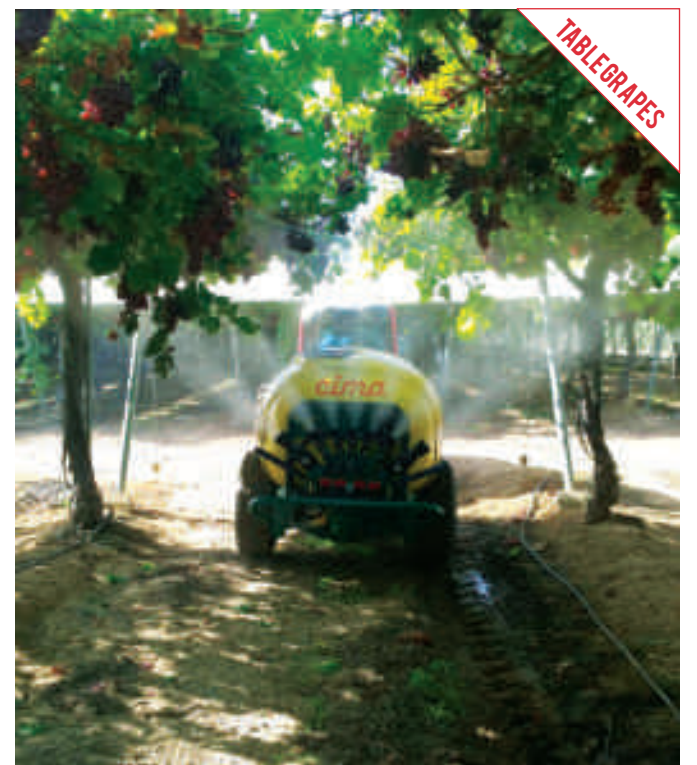


TABLE GRAPES



# TRAILED SPRAYER

## BLITZ 45



The trailed low volume sprayer model **Blitz 45**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water. Compact and of great manoeuvrability, is versatile and reliable as the whole range of CIMA's sprayers. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 600-800 and 1000lt. main tank in polyethylene equipped with graduated level indicator
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 70 to 3400 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, trail-eye drawbar adjustable in length and height, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder



### SIZE AND WEIGHT

	L.600	L.800	L.1000	L.1000 narrow
LENGTH	299 - 343 cm	327-371 cm	321 - 361 cm	327 - 371 cm
WIDTH	109 - 135 cm	109 - 135 cm	139 - 181 cm	113 - 139 cm
HEIGHT	133 - 145 cm	140 - 152 cm	141 - 153 cm	154 - 166 cm
WEIGHT	375 Kg	386 Kg	434 Kg	409 Kg
TYRES	7.00 - 12	7.00 - 12 10/80 - 12 (opt.)	10/80 - 12	10/80 - 12

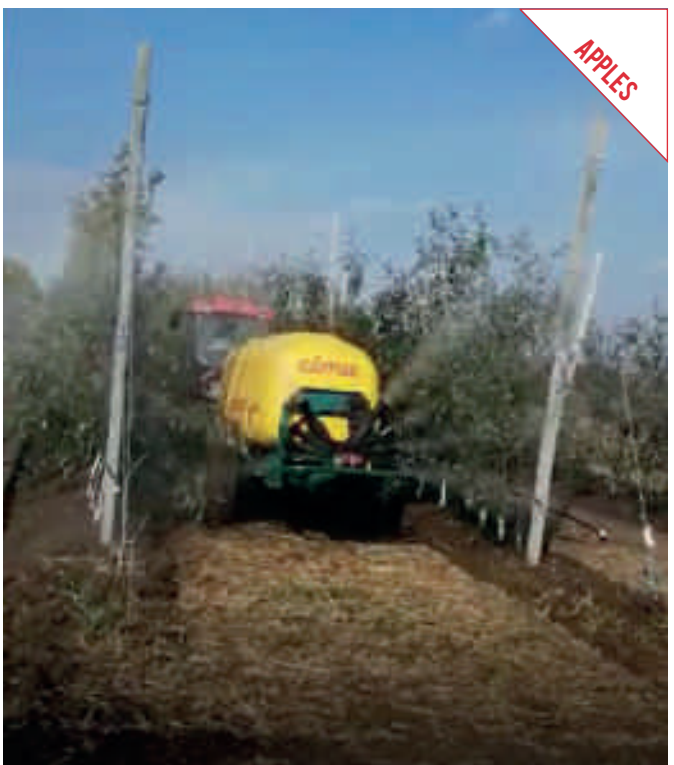
Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	BLITZ 45
TRACTOR	Minimum required power kw 33 - hp 45
SPRAYER	Absorbed power kw 17 - hp 23
FAN	450 mm. dia. steel closed radial fan 4500 rpm – air delivery 5400 m <sup>3</sup> /h – air speed 188 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead







# TRAILED SPRAYER

## BLITZ 50



The trailed low volume sprayer model **Blitz 50**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water. Notwithstanding it does not require high power tractors, this sprayer is the best choice for spraying large vineyard extensions. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 800-1000 and 1500lt. main tank in polyethylene equipped with graduated level indicator
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > CIMA additional agitation pump (no diaphragms or valves) made of anticorrosive material, standard supplied on the 1500 lt.tank models.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 70 to 3400 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, trail-eye drawbar adjustable in length and height, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder



### SIZE AND WEIGHT

	L.800	L.1000	L.1000 narrow	L.1500
LENGTH	337 - 381 cm	332 - 382 cm	337 - 381 cm	396 - 446 cm
WIDTH	109 - 135 cm	139 - 181 cm	113 - 139 cm	167 - 209 cm
HEIGHT	140 - 152 cm	141 - 153 cm	154 - 166 cm	150 - 162 cm
WEIGHT	456 Kg	502 Kg	481 Kg	612 Kg
TYRES	7.00 - 12 10/80 - 12 (opt.)	10/80 - 12 10.0/75 - 15 (opt.)	10/80 - 12 10.0/75 - 15 (opt.)	10.0/75 - 15

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	BLITZ 50
TRACTOR	Minimum required power kw 48 - hp 65
SPRAYER	Absorbed power kw 24 - hp 33
FAN	500 mm. dia.steel closed radial fan 4000 rpm – air delivery 7550 m <sup>3</sup> /h – air speed 175 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead





TRAILED SPRAYERS



PEACHES



CITRUS



APPLES



OLIVETREES



# TRAILED SPRAYER

## BLITZ 55



The trailed low volume sprayer model **Blitz 55**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water. With its strong structure and high performance, this model guarantees a very good production on large vineyard and orchard crop extensions. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 1000-1500 and 2000lt. main tank in polyethylene equipped with graduated level indicator
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > CIMA additional agitation pump (no diaphragms or valves) made of anticorrosive material, standard supplied on the 1500/2000 lt.tank models.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 100 to 5000 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, trail- eye drawbar adjustable in length and height, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder

### TECHNICAL INFORMATION

	BLITZ 55	BLITZ 55 SUPER	BLITZ 55 EXTRA
TRACTOR	Minimum required power kw 52 - hp 70	Minimum required power kw 58 - hp 80	Minimum required power kw 66 - hp 90
SPRAYER	Absorbed power kw 26 - hp 36	Absorbed power kw 34 - hp 47	Absorbed power kw 41- hp 55
FAN	550 mm. dia.steel closed radial fan 3500 rpm – air delivery 12500m <sup>3</sup> /h – air speed 150 m/sec	550 mm. dia.steel closed radial fan 3700 rpm – air delivery 14000m <sup>3</sup> /h – air speed 170 m/sec	550 mm. dia.steel closed radial fan 3900 rpm – air delivery 15500m <sup>3</sup> /h – air speed 180 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

### SIZE AND WEIGHT

	L.1000	L.1500	L.2000
LENGTH	337 - 387 cm	412 - 462 cm	412 - 462 cm
WIDTH	140 - 185 cm	167 - 212 cm	170 - 215 cm
HEIGHT	144 - 156 cm	146 - 158 cm	173 - 185 cm
WEIGHT	545 Kg	676 Kg	705 Kg
TYRES	10.0/75.15,3	10.0/75.15,3	11.5/80.15,3

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

Values can vary according to the used distribution sprayhead



# TRAILED SPRAYER

## BLITZ AVANT 50



The trailed low volume sprayer model **Blitz Avant 50**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water.

This trailed machine's peculiarity is its distribution sprayhead placed in front of the tank. Extremely compact and incredibly reliable on the long term.

This sprayer is the best choice for spraying large vineyard extensions, in particular way where a great manoeuvrability is needed and it does not require high power tractors. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 800 and 1000lt. main tank in polyethylene equipped with graduated level indicator
- > Polyethylene spray-line rinsing tank placed below the main tank, gives the machine an excellent stability.
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 70 to 3400 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Steel frame, drawbar adjustable in length and height, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder



### SIZE AND WEIGHT

	L.800	L.1000
LENGTH	290 cm	290 cm
WIDTH	112 - 138 cm	112 - 138 cm
HEIGHT	168 - 253 cm	170 - 255 cm
WEIGHT	428 Kg	453 Kg
TYRES	7,00 - 12 10/80-12 (opt.)	10/80 - 12

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	BLITZ AVANT 50
TRACTOR	Minimum required power kw 48 - hp 65
SPRAYER	Absorbed power kw 24 - hp 33
FAN	500 mm. dia.steel closed radial fan 4000 rpm - air delivery 7550 m3/h - air speed 175 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm - 140 lt./min delivery - 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead



# TRAILED SPRAYER

## BLITZ AVANT 55



The trailed low volume sprayer model **Blitz Avant 55**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water. This model assures high results in spraying luxuriant growing systems. Its distribution sprayhead is placed in front of the tank: the equipment is compact and with great manouvrability: Blitz Avant 55 sprayer efficiently operates with long-lasting high performances for a perfect foliage coverage. Maximum working with low operating costs and low maintenance.

### SPECIFICATIONS

- > 800 and 1000lt. main tank in polyethylene equipped with graduated level indicator
- > Polyethylene spray-line rinsing tank placed below the main tank, gives the machine an excellent stability.
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 70 to 3400 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Steel frame, drawbar adjustable in length and height, electrostatic painted with polyester powder

### TECHNICAL INFORMATION

	BLITZ AVANT 55	BLITZ AVANT 55 SUPER
TRACTOR	Minimum required power kw 52 - hp 70	Minimum required power kw 58 - hp 80
SPRAYER	Absorbed power kw 26 - hp 36	Absorbed power kw 34 - hp 47
FAN	550 mm. dia. steel closed radial fan 3500 rpm – air delivery 12500 m <sup>3</sup> /h – air speed 150 m/sec	550 mm. dia. steel closed radial fan 3500 rpm – air delivery 14000 m <sup>3</sup> /h – air speed 170 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

### SIZE AND WEIGHT

	L.800	L.1000
LENGTH	290 cm	290 cm
WIDTH	112 - 138 cm	112 - 138 cm
HEIGHT	168 - 253 cm	170 - 255 cm
WEIGHT	439 Kg	464 Kg
TYRES	7.00 - 12 10/80 - 12 (opt.)	10/80 - 12

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

Values can vary according to the used distribution sprayhead



LINK 50

LINK 55



STRONG POINTS

> The components are **electrostatic painted** with polyester powder.



- > Polyethylene tank.
- > **Hydraulic pre-mixer incorporated within the basket filter.**
- > **Two agitation systems, liquid and air.**
- > The **spray-line rinsing tank**, placed under the main tank, if kept full gives a great stability even when the main tank is empty.

- > **Wheel-hubs:** adjustable in width and height .
- > **Axle:** adjustable in 3 different positions.



> Steel high pressure radial **fan**, polyethylene fan housing.



> Broad range of **sprayheads**, all equipped with the new anti-drip system (patent Nr. 1745689). Sprayheads' distribution devices (hands and/or cannons) are available in different sizes and heights, they can be **adjustable and interchangeable** to guarantee a better spray penetration through the canopy and a complete coverage on any type of crop.



> C.I.M.A.'S **centrifugal pump** (no diaphragms or valves) made of anticorrosive material and requiring no maintenance. Poly-V belt drive with automatic tensioner.



> **Poly-V belt drive** to absorb any stress. Long life belt – over 5000 hours. The automatic tensioner avoids slipping and wear. High quality spray atomization after several years of use.



> **Rotating calibration discs**, 15 positions (patent Nr. 23238), very easy to adjust: **delivery from 70 to 5000 l/h.**



> The **articulated joint** allows the sprayer to turn with a short turning radius and **without a constant velocity cardan shaft**. Duly adjusted, the trailer wheels pass in **the same path as the tractor** (Patent Nr. 1312881).

> Spraying ON/OFF control by remote control electro-valves from tractor seat.



# ARTICULATED SPRAYERS

## LOW VOLUME



**The pneumatic Low Volume Venturi Air**  
**From 1974 easy, effective, unrivalled!**

Using the unique Low Volume Venturi Air system by CIMA, it is possible to save a huge quantity of water when spraying with our sprayers. The distribution generates a water fog with a very small diameter for the 90% of the droplets (usually 100 / 150 microns). The distribution results precise and uniform, therefore of **GREAT EFFICACY**. In other words, CIMA pneumatic sprayers cover the same area of vegetation treated by the "high volume" sprayers but with much less water used, that is with a "LOW VOLUME" of water.



**LINK 50 - P.27**



**LINK 55 - P.29**





# ARTICULATED SPRAYER

## LINK 50



The articulated low volume sprayer model **Link 50**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water.

The fan group is mounted on the 3-point hitch frame and the distribution sprayhead is directly fitted on the fan group. The articulated joint to which the trailer with the tank is connected allows the sprayer to turn with a short turning radius and without a constant velocity cardan shaft. Duly adjusted, the trailer wheels pass in the same path as the tractor. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 600-800 and 1000lt. main tank in polyethylene equipped with graduated level indicator
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 70 to 3400 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder
- > Bottom links (cat.1-2) that can be set in four positions and adjustable drawbar of the trailer.



### SIZE AND WEIGHT

	L.800	L.1000	L.1000 narrow	L.1500
LENGTH	306 cm	314 cm	306 cm	365 cm
WIDTH	109 - 135 cm	140 - 165 cm	113 - 139 cm	163 - 210 cm
HEIGHT	169 cm	172 cm	169 cm	170 cm
WEIGHT	510 Kg	540 Kg	535 Kg	668 Kg
TYRES	7.00 - 12 10/80 - 12 (opt.)	10/80 - 12 10/75 - 15,3 (opt.)	10/80 - 12 10/75 - 15,3 (opt.)	10/75-15,3

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	LINK 50
TRACTOR	Minimum required power kw 48 - hp 65
SPRAYER	Absorbed power kw 24 - hp 33
FAN	500 mm. dia. steel closed radial fan 4000 rpm – air delivery 7550 m <sup>3</sup> /h – air speed 175 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead



ARTICULATED SPRAYERS



VINEYARD



APPLES



BLUEBERRIES



VINEYARD



# ARTICULATED SPRAYER

## LINK 55



The articulated low volume sprayer model **Link 55**, with pneumatic atomization based on the "Venturi Tube" principle, performs chemical treatments with a low volume of water. The fan group is mounted on the 3-point hitch frame and the distribution sprayhead is directly fitted on the fan group. The articulated joint to which the trailer with the tank is connected allows the sprayer to turn with a short turning radius and without a constant velocity cardan shaft. Duly adjusted, the trailer wheels pass in the same path as the tractor. Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 800-1000 and 1500lt. main tank in polyethylene equipped with graduated level indicator
- > 30lt. hand-washing tank
- > Hydraulic pre-mixer incorporated within the basket filter
- > Two agitation systems, liquid and air
- > C.I.M.A.'S centrifugal pump (no diaphragms or valves) made of anticorrosive material and requiring no maintenance.
- > CIMA additional agitation pump (no diaphragms or valves) made of anticorrosive material, standard supplied on the 1500 Lt.tank models.
- > Pressure regulator with manual control and Ø 100mm pressure gauge (0÷6 atm)
- > Spraying ON/OFF control by remote control electro-valves from tractor seat
- > Rotating calibration discs, 15 positions. Delivery from 100 to 5000 l/h
- > Steel high pressure radial fan with fan disengagement, polyethylene fan housing
- > Poly-V belt drive with automatic tensioner.
- > Overrunning clutch – safety stop device in the event the PTO is suddenly stopped
- > Steel frame, electrostatic painted with polyester powder
- > Wheel-hubs adjustable in width and height, electrostatic painted with polyester powder
- > Bottom links (cat.1-2) that can be set in four positions and adjustable drawbar of the trailer.



### SIZE AND WEIGHT

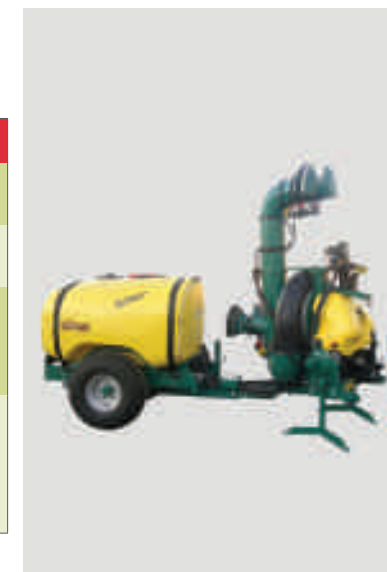
	L.800	L.1000	L.1000 narrow	L.1500
LENGTH	312 cm	320 cm	312 cm	370 cm
WIDTH	109 - 135 cm	140 - 165 cm	113 - 139 cm	163 - 210 cm
HEIGHT	169 cm	172 cm	169 cm	170 cm
WEIGHT	523 Kg	553 Kg	550 Kg	683 Kg
TYRES	7.00 - 12 10/80 - 12 (opt.)	10/80 - 12 10/75 - 15,3 (opt.)	10/80 - 12 10/75 - 15,3 (opt.)	10.0/75 - 15,3

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	LINK 55	LINK 55 SUPER	LINK 55 EXTRA
TRACTOR	Minimum required power kw 52 - hp 70	Minimum required power kw 58 - hp 80	Minimum required power kw 66 - hp 90
SPRAYER	Absorbed power kw 26 - hp 36	Absorbed power kw 34 - hp 47	Absorbed power kw 41 - hp 55
FAN	550 mm. dia.steel closed radial fan 3500 rpm – air delivery 12500m <sup>3</sup> /h – air speed 150 m/sec	550 mm. dia.steel closed radial fan 3700 rpm – air delivery 14000m <sup>3</sup> /h – air speed 170 m/sec	550 mm. dia.steel closed radial fan 3900 rpm – air delivery 15500m <sup>3</sup> /h – air speed 180 m/sec
PUMP	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure	centrifugal spray and agitation CIMA CD 32 pump 4250 rpm – 140 lt./min delivery – 4,5 kg/cm <sup>2</sup> max pressure

Values can vary according to the used distribution sprayhead



# SPRAYHEADS FOR SPRAYERS



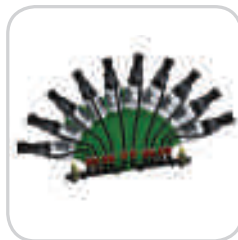
**4+4 DIFFUSER OUTLETS  
SPRAYHEAD**

New Plus 42,45,50  
Blitz 45,50  
Link 50



**5+5 DIFFUSER OUTLETS  
SPRAYHEAD**

New Plus 42,45,50,55  
Blitz 45,50,55  
Link 50,55



**10 DIFFUSER OUTLETS  
SPRAYHEAD**

New Plus 42,45,50  
Blitz 45,50  
Link 50



**TENDONE SPRAYHEAD**

New Plus 42,45,50,55  
Blitz 45,50,55



**OLIVE SPRAYHEAD**

New Plus 42,45,50,55  
Blitz 45,50,55  
Link 50,55



**DOUBLE OLIVE SPRAYHEAD**

New Plus 50,55  
Blitz 50,55  
Link 50,55



**2 LOWER CANNONS AND  
UPPER DOUBLE OLIVE  
SPRAYHEAD**

New Plus 55  
Blitz 55  
Link 55



**4 LOWER CANNONS AND  
UPPER DOUBLE OLIVE  
SPRAYHEAD**

New Plus 55  
Blitz 55  
Link 55



**4 OLIVE SPRAYHEAD**

Blitz 55



**4 HANDS SPRAYHEAD**

New Plus 42,45,50  
Blitz 45,50



**6 HANDS AT 2 DIFFUSER  
OUTLETS SPRAYHEAD**

New Plus 42,45,50  
Blitz 45,50



**2 LOWER HANDS 2 UPPER  
HANDS SPRAYHEAD**

New Plus 45,50,55  
Blitz 45,50,55  
Link 50,55



**2 HANDS 2 CANNONS  
SPRAYHEAD**

New Plus 45,50,55  
Blitz 45,50,55  
Blitz avant 50,55  
Link 50,55



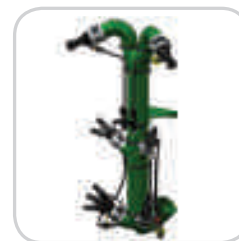
**2 HANDS 2 CANNONS  
NARROW SPRAYHEAD**

New Plus 55  
Link 55



**4 HANDS 2 CANNONS  
NARROW SPRAYHEAD**

New Plus 45,50,55  
Link 50,55



**2 CANNONS SAVOY  
SPRAYHEAD**

New Plus 45,50



**4 CANNONS SAVOY  
SPRAYHEAD**

New Plus 55



**4 HANDS 4 CANNONS  
SPRAYHEAD**

New Plus 50,55  
Blitz 45,50,55  
Blitz avant 50,55  
Link 50,55



**4 HANDS 4 CANNONS  
NARROW SPRAYHEAD**

New Plus 55  
Link 55



**4 HANDS 4 CANNONS FOLDING  
SPRAYHEAD**

New Plus 50,55  
Blitz avant 50,55  
Link 50,55



**4 HANDS 4 CANNONS  
SPRAYHEAD WITH HYDR.  
MOVEMENT**

New Plus 50,55  
Blitz 45,50,55  
Blitz avant 50,55  
Link 50,55



**4 HANDS 4 CANNONS  
NARROW SPRAYHEAD WITH  
HYDR.MOVEMENT**

New Plus 50,55  
Link 50,55



**2 HANDS 2 HANDS  
HYDRAULICALLY FOLDING  
DOURO SPRAYHEAD**

New Plus 45,50  
Blitz 45,50  
Link 50



**4 HANDS AT 4 DIFFUSER  
OUTLETS + 2 HANDS AT  
5 DIFFUSER OUTLETS  
"LYRA" SPRAYHEAD**

Blitz 50,55





2 FISHTAILS AT 3 SECTORS

Blitz 45,50,55



2 FISHTAILS AT 3 SECTORS

New Plus 42,45,50,55  
Link 50,55



2 FISHTAILS AT 4 SECTORS

Blitz 45,50,55



2 FISHTAILS AT 4 SECTORS

New Plus 50,55



2 FISHTAILS AT 8 SECTORS

Blitz 55



2 FISHTAILS AT 8 SECTORS

New Plus 55



4 SWINGING FISHTAILS  
SPRAYHEAD

New Plus 55  
Blitz 50,55  
Link 55



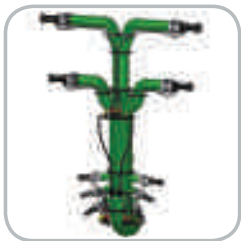
6 SWINGING FISHTAILS  
SPRAYHEAD

New Plus 55  
Blitz 55  
Link 55



POTATO SPRAYHEAD

New Plus 55



TOMATO SPRAYHEAD

New Plus 55  
Blitz 55  
link 55



CANNON JET SPRAYHEAD

New Plus 42,45  
Blitz 45



CANNON JET SPRAYHEAD

New Plus 50,55  
Blitz 50,55  
Blitz avant 50,55  
Link 50,55



VERTICAL CANNON JET  
SPRAYHEAD

New Plus 55  
Blitz 55  
Link 55



PALM VERTICAL CANNON JET  
SPRAYHEAD

New Plus 55  
Blitz 55  
Link 55



4 HANDS 4 CANNONS WRAP-  
A-ROUND BOOM

Blitz 50,55



6 HANDS 6 CANNONS WRAP-  
A-ROUND BOOM

Blitz 50,55



MANUAL PNEUMATIC BOOM

New Plus 42,45,50



HYDRAULIC PNEUMATIC BOOM

New Plus 50,55



HYDRAULIC PNEUMATIC BOOM  
FOR TUNNEL BH18

Blitz 50

## CROPS



## ACCESSORIES AVAILABLE

TANDEM AXLE  
CARDAN SHAFT  
COLLARS  
PAIR OF WHEELS  
4 ELECTROVALVE CONTROL UNIT  
HYDRAULIC SWIVELLING DEVICE  
HYDRO-MIXER  
EPA KIT  
REAR LIGHT KIT

ELECTRO-CYLINDER KIT  
HYDRAULIC CYLINDER KIT  
CONTAINER WASHING DEVICE  
ELECTRICAL PRESSURE REG.VALVE  
EXTENSIONS  
STEERING DRAWBARS  
FILLING PIPE WITH FOOT VALVE AND FILTER

MINISOLF

S 420-S 430

S 520-S 530

NEW MAXI 600



STRONG POINTS

STRONG POINTS

> Tank with large hinged lid



> **Over-gear:** crown wheel and pinion with helical teeth

> Remote control **delivery**



> The components are **electrostatic painted** with polyester powder.



> Steel high pressure radial **fan**, aluminium fan housing.



> **Poly-V belt drive** to absorb any stress. **Long life belt** – over **5000 hours**. The automatic tensioner avoids slipping and wear. High quality dusting after several years of use.

> **Overrunning clutch** – safety stop device



> **Delivery electrical control** (ON/OFF) from tractor seat.



> **Blade agitation system.** Spiral conveyor with triturator/distributor. Safety clutch for agitator and feed screw



> 30 litres **fresh water polyethylene tank** included.

> 600 lt. (approx.420 kg) steel **tank**, steel frame. Adjustable drawbar and axle. Sprayhead protection bar. Mud-scrapers



> **Delivery:** mechanical mixing, suction by “Venturi” pneumatic delivery



# DUSTERS



**MINISOLF - P. 34**



**S420 - S430 - P. 35**



**S520 - S530 - P. 36**



**NEW MAXI 600 - P. 37**

# 3-POINT MOUNTED DUSTER

## MINISOLF



The 3-point mounted **Minisolf** is the smallest of our range and guarantees the highest level of reliability, with a precise and uniform distribution. Two distribution sprayheads are available (Espalier and Tendone)  
Compact, easy to use, low maintenance.

### SPECIFICATIONS

- > 2 lateral fish-tail distribution sprayhead vertically adjustable.
- > 80 lt. - 50 kg tin tank, electrostatic painted with polyester powder
- > Metal lid with rubber hook closure, electrostatic painted with polyester powder
- > Mechanical – pneumatic delivery, delivery control by graduate scale
- > Mechanical triturator agitator
- > Steel frame, electrostatic painted with polyester powder
- > Control level for opening/closing/delivering control
- > PTO shaft protection cover



### SIZE AND WEIGHT

	MINISOLF
LENGTH	60 cm
WIDTH	100 cm
HEIGHT	107 cm
WEIGHT	45 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	MINISOLF
TANK CAPACITY	Lt. 80 - kg 50
TRACTOR	Minimum required power kw 5,9 - hp 8
DUSTER	Absorbed power kw 3 - hp 4
FAN HOUSING	Aluminium with two lateral outlets
FAN	280 mm. dia. steel closed radial fan 3000 rpm – air delivery 800m <sup>3</sup> /h – air speed 67 m/sec
PTO	1"3/8 SAE (DIN 97 11/A): 540 rpm

Values can vary according to the used distribution sprayhead



# 3-POINT MOUNTED DUSTERS

## S 420 – S 430



The 3-point mounted **S420 – S430** serie is compact, easy to use and guarantees the highest level of reliability, with a precise and uniform distribution.

The spraying treatment on any type of crops is guaranteed by our broad range of distribution sprayheads for a perfect coverage.

Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 200 lt. - 150 kg (for S420) and 300lt. - 200 kg (for S430) polyethylene tank
- > Hinged plastic lid
- > Mechanical – pneumatic delivery, delivery control by graduate scale
- > Mechanical triturator agitator
- > Steel frame designed for installing optional support wheels, electrostatic painted with polyester powder
- > Control level for opening/closing/delivering control from tractor seat
- > Sprayhead protection bar
- > PTO shaft protection cover



### SIZE AND WEIGHT

	S 420	S 430
LENGTH	123 cm	123 cm
WIDTH	94 cm	94 cm
HEIGHT	118 cm	133 cm
WEIGHT	109 Kg	111 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	S 420	S 430
TANK CAPACITY	Lt. 200 - kg 150	Lt. 300 - kg 200
TRACTOR	Minimum required power kw 11 - hp 15	Minimum required power kw 11 - hp 15
DUSTER	Absorbed power kw 6 - hp 8	Absorbed power kw 6 - hp 8
FAN HOUSING	Aluminium with d.175 mm rear outlet	Aluminium with d.175 mm rear outlet
FAN	400 mm. dia. steel closed radial fan 3130 rpm – air delivery 2100m <sup>3</sup> /h – air speed 90 m/sec	400 mm. dia. steel closed radial fan 3130 rpm – air delivery 2100m <sup>3</sup> /h – air speed 90 m/sec
PTO	1”3/8 SAE (DIN 97 11/A): 540 rpm	1”3/8 SAE (DIN 97 11/A): 540 rpm

Values can vary according to the used distribution sprayhead

# 3-POINT MOUNTED DUSTERS

## S 520 - S 530



### SIZE AND WEIGHT

	S 520	S 530
LENGTH	123 cm	123 cm
WIDTH	94 cm	94 cm
HEIGHT	130 cm	145 cm
WEIGHT	138 Kg	139 Kg

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

The 3-point mounted **S520 – S530** serie is compact, easy to use and guarantees the highest level of reliability, with a precise and uniform distribution.

Its high performances fulfil the needs to cover the growing systems that need a high volume of air to duly penetrate the vegetation. The spraying treatment on any type of crops is guaranteed by our broad range of distribution sprayheads for a perfect coverage.

Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 200 lt. - 150 kg (for S520) and 300lt. - 200 kg (for S530) polyethylene tank
- > Hinged plastic lid
- > Mechanical – pneumatic delivery, delivery control by graduate scale
- > Mechanical triturator agitator
- > Steel frame designed for installing optional support wheels, electrostatic painted with polyester powder
- > Control level for opening/closing/delivering control from tractor seat
- > Sprayhead protection bar
- > PTO shaft protection cover

### TECHNICAL INFORMATION

	S 520	S 530
TANK CAPACITY	Lt. 200 - kg 150	Lt. 300 - kg 200
TRACTOR	Minimum required power kw 18 - hp 25	Minimum required power kw 18 - hp 25
DUSTER	Absorbed power kw 9 - hp 12	Absorbed power kw 9 - hp 12
FAN HOUSING	Aluminium with d.175 mm rear outlet	Aluminium with d.175 mm rear outlet
FAN	500 mm. dia. steel closed radial fan 2800 rpm – air delivery 3740m <sup>3</sup> /h – air speed 90 m/sec	500 mm. dia. steel closed radial fan 2800 rpm – air delivery 3740m <sup>3</sup> /h – air speed 90 m/sec
PTO	1”3/8 SAE (DIN 97 11/A): 540 rpm	1”3/8 SAE (DIN 97 11/A): 540 rpm

Values can vary according to the used distribution sprayhead





# TRAILED DUSTER

## NEW MAXI 600



Heavy and compact, the trailed duster **New Maxi 600** is the best choice for dusting large vineyard and orchard extensions.

Easy to use, highly reliable also when in work on great extensions.

Its high performances fulfil the needs to cover the vines and trees that require a high volume of air to duly penetrate the vegetation; the delivery of the dust is uniform and accurate with great autonomy of operation.

The spraying treatment on any type of crops is guaranteed by our broad range of distribution sprayheads for a perfect coverage.

Maximum performance with low operating costs and low maintenance.

### SPECIFICATIONS

- > 600 lt. - 430/440 kg all-steel tank, electrostatic painted with polyester powder
- > 30lt. hand-washing tank
- > nr. 2 filling openings with protection grid and hinged lid
- > Delivery: mechanical mixing, suction by "Venturi" pneumatic delivery
- > Electrical control on/off of the delivery from tractor seat
- > Blade agitation system
- > Spiral conveyor to ensure an accurate distribution
- > Safety clutch for agitator and feed screw
- > Steel frame, mud-scrappers, adjustable drawbar and axle, electrostatic painted with polyester powder
- > Sprayhead protection bar
- > PTO shaft protection cover



### SIZE AND WEIGHT

	NEW MAXI 600
LENGTH	280 cm
WIDTH	110 - 130 cm
HEIGHT	130 cm
WEIGHT	430 Kg
TYRES	7.00 - 12 10/80 - 12 (opt.)

Weight empty without distribution device and installed accessories. The value are indicative only, and may vary depending on the configuration of the machine.

### TECHNICAL INFORMATION

	NEW MAXI 600
TRACTOR	Minimum required power kw 30 - hp 40
DUSTER	Absorbed power kw 15 - hp 20
FAN	450 mm. dia. steel closed radial fan 4500 rpm - air delivery 5400 m <sup>3</sup> /h - air speed 188 m/sec
GEAR-BOX	fan control pulley poly-V belt with automatic tensioner PTO 540 rpm

Values can vary according to the used distribution sprayhead







VINEYARD



VINEYARD



VINEYARD



STRAWBERRIES



# SPRAYHEADS FOR DUSTERS



**2 SWINGING FISHTAILS I2V**

S420, S430  
S520, S530  
New Maxi 600



**2 SWINGING FISHTAILS WITH RIGHT/LEFT SIDE CLOSING I.2V.CH**

S420, S430  
S520, S530



**2 SWINGING FISHTAILS WITH EXTENSION I.2V.L**

S420, S430  
S520, S530



**2 SWINGING FISHTAILS WITH EXTENSION AND RIGHT/LEFT SIDE CLOSING I.2V.L.CH**

S420, S430  
S520, S530



**2 CANNONS I.2C**

S520, S530  
New Maxi 600



**SWINGING CANNON JET I.GC0**

S420, S430  
S520, S530  
New Maxi 600



**SWINGING CANNON JET WITH ADDITIONAL FISHTAIL I.GC2**

S420, S430  
S520, S530  
New Maxi 600



**2 LOWER FISHTAILS 2 UPPER CANNONS I.2V2C**

S420, S430  
S520, S530  
New Maxi 600



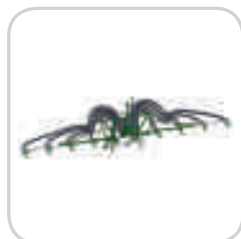
**SWINGING CANNON JET HYDRAULICALLY CONTROLLED WITH FISHTAIL I.GC2**

S420, S430  
S520, S530  
New Maxi 600



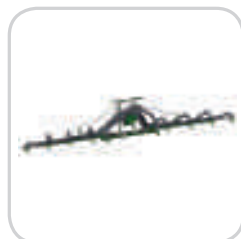
**2 SWINGING FISHTAILS 2 FOLDING CANNONS I.TCF2V2C.M**

New Maxi 600



**MANUAL FOLDING BOOM I.BR**

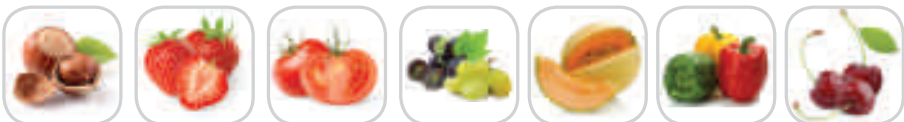
S520, S530



**HYDRAULIC FOLDING BOOM I.BI**

S520, S530

# CROPS



# ACCESSORIES AVAILABLE

- CARDAN SHAFT
- CARDAN SHAFT WITH GUARD
- PAIR OF WHEELS WITH HUBS AND MUD-SCRAPERS
- HYDRAULIC SWIVELLING DEVICE
- PTO FAN DISENGAGEMENT
- REAR LIGHT KIT
- HYDRAULIC CYLINDER TCF KIT
- STEERING DRAWBARS

# EPA

## DELIVERY PROPORTIONAL TO THE ADVANCE



**THE EPA SYSTEM – DELIVERY PROPORTIONAL TO THE ADVANCE – GUARANTEES A CONSTANT DELIVERY OF LITERS/HA REGARDLESS OF THE SPEED OF TRAVEL.**

On the base of the monitored speed, the system adjusts the pressure and delivers the quantity of chemicals determined for the area to cover.

**PROTECTION** > uniform distribution of the chemicals - **SAVING** > high accuracy of delivered amounts of product - **QUALITY** > assurance of a more efficient protection

The EPA system is suitable for any model of CIMA sprayers.





# VRT

## TECHNOLOGY RATE VARIABLE



**THE VRT SYSTEM CAN CHANGE THE DISTRIBUTION BY ITS ULTRASOUND SENSORS, BOTH CONTINUOUSLY AND AUTOMATICALLY ACCORDING TO THE FOLIAGE VIGOUR.**

The system is integrated with a GPS to vary the chemical distribution according to the speed and to timely document the treatment.

The sprayer is equipped with a system for the selective distribution of foliar feeding.

The VRT system is suitable for any model of CIMA sprayers.

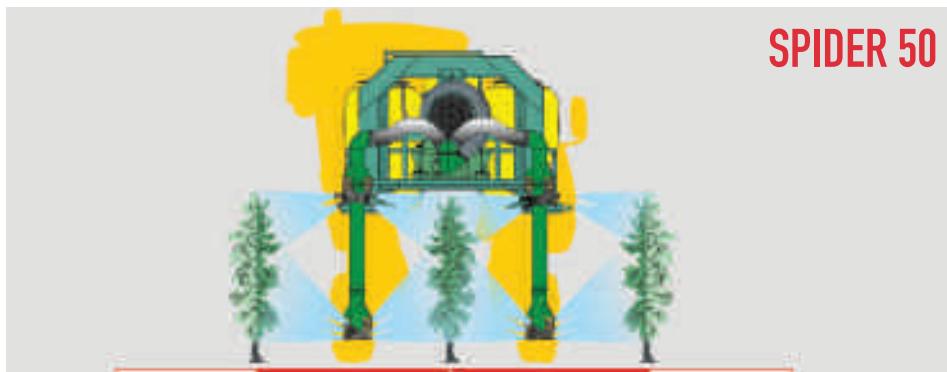


# LOW VOLUME SPRAYERS

## SPIDER 50 – SPIDER 55



The sprayer model **SPIDER 50 – SPIDER 55** with pneumatic atomization is designed to be mounted on the multifunction carriers (self-propelled harvesters) to take advantage of their versatility for a multi-rows protection.



### TECHNICAL INFORMATION

	SPIDER 50	SPIDER 55
HYDRAULIC PTO	Required power: 24 kW - 33 hp	Required power: 33 kW - 45 hp
FAN	500 mm dia. steel closed radial fan - 4000 rpm air delivery: 7550 m <sup>3</sup> /h - air speed: 175 m/s	550 mm dia. steel closed radial fan - 3700 rpm air delivery: 14000 m <sup>3</sup> /h - air speed: 170 m/s
PUMP	n.2 - centrifugal spray and agitation CIMA CD 32 pumps - 4250 rpm 140 l/min. max delivery - 4,5 Kg/cm <sup>2</sup> max pressure	

MAIN TANKS CAPACITY	2000 litres	SPRAY-LINE RINSING TANK CAPACITY	100 litres
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# ROB3

## THE EVOLUTION OF THE WRAP-A-ROUND BOOM



**THE ROB3 DISTRIBUTION DEVICE COVERS 3 ROWS AT THE SAME TIME UP TO 3 METERS WIDE, A SUCCESSFUL COMBINATION OF MANOUVRABILITY AND HIGH OPERATING EFFICIENCY THROUGH A NEW LEVERAGE SYSTEM.**

The control software automatically opens and closes the arms returning them to the width previously set and adjusts each individual movement in a smooth, quick and efficient way.

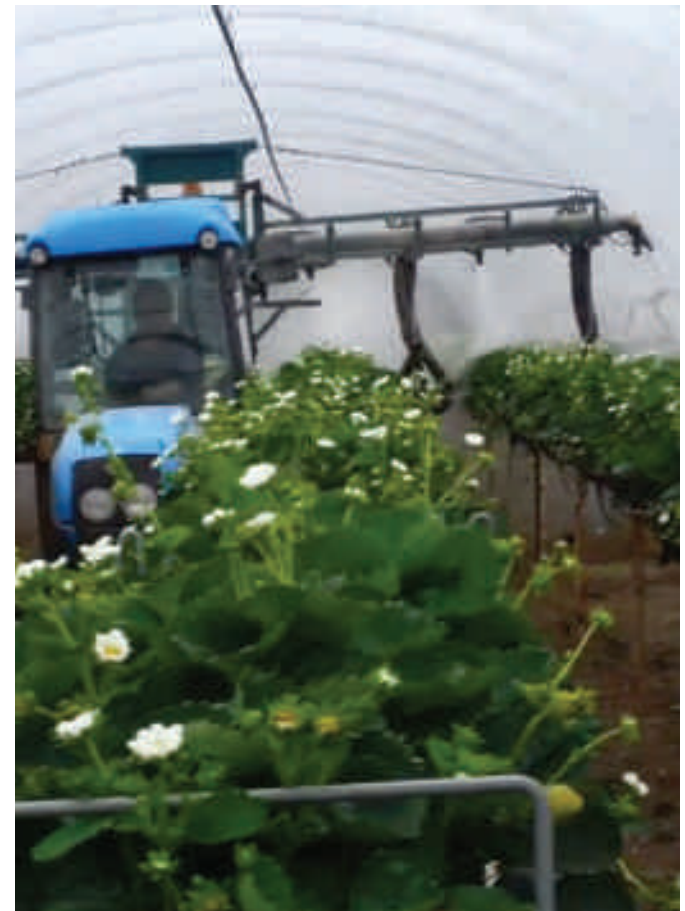


# BH TOP

## HYDRAULIC PNEUMATIC BOOM FOR TUNNEL



THE BH TOP DISTRIBUTION DEVICE, AVAILABLE UP TO 12 MT LONG, FOR THE MOST EFFECTIVE COVERAGE OF THE CROPS GROWN ON TABLETOP SYSTEMS, WHERE IT IS ESSENTIAL TO COVER THE VEGETATION ON ALL SIDES, INCLUDING THE LEAF SIDE FACING DOWNWARDS.





# SPECIAL APPLICATIONS



## **SPRAYER ON OVER-ROW TRACTOR**

Sprayer with pneumatic boom mounted on a over-row tractor performing treatments in the Champagne vineyards, France.

## **SPRAYER ON TRACKED MINIDUMPER**

Sprayer mounted on a tracked minidumper for treatments in vineyards in very aslope terrains or high mountain areas.

## **SPRAYER EQUIPPED WITH A 6 HANDS DISTRIBUTION HEAD**

Sprayer equipment with 6 hands distribution head for the treatment of Christmas tree nursery, mounted on a "high clearance" tractor.

LOW  
VOLUME



DNA  
TECHNOLOGY



CUSTOM  
PRODUCTS



FOCUSED  
ON CROP



MANUFACTURED  
IN ITALY



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SPRAYERS - DUSTERS