

LIMITLESS TECHNOLOGY

TECNOLOGIA SENZA LIMITE



cima[®]
SPRAYERS - DUSTERS



Since 1974 CIMA SpA 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.

WE ARE:

**EXPERIENCE, EXCELLENCE, PASSION, MADE IN ITALY, SUSTAINABILITY,
ENTHUSIASM, DETERMINATION, QUALITY, CUSTOMER SERVICE.**

These are the values in which we believe for over 40 years.

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

ITALY HEADQUARTERS



OUR STORY Since 1974

CIMA SpA was founded in 1974 by the willingness to develop an innovative technique for crop protection.

The Valle Versa, in the heart of the Oltrepò 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.



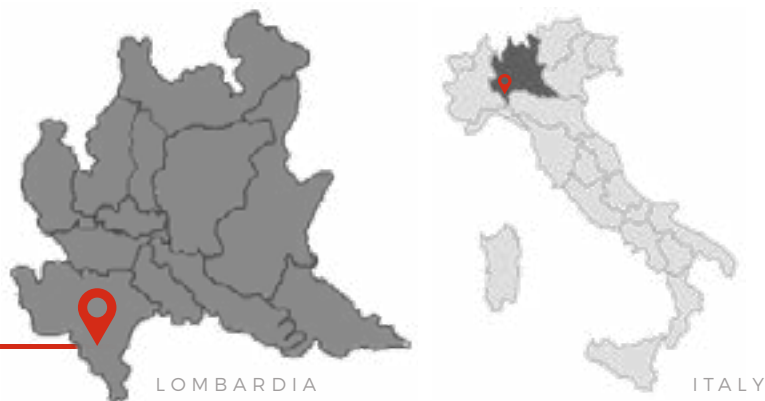
TERRITORY

Since 1974

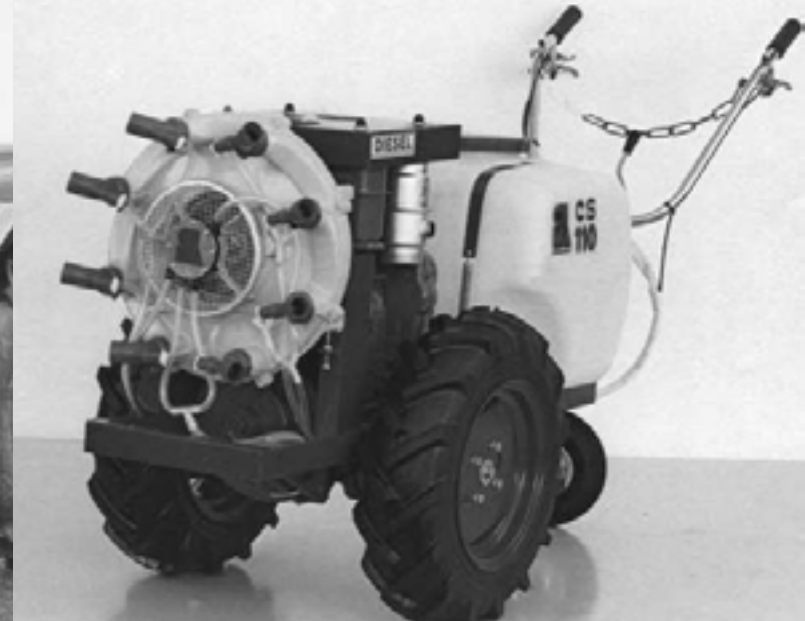
In 2000 the company made significant investments in the construction of the new headquarters right in the heart of the Oltrepò Pavese, on the 45th parallel, between quiet hills where the first quality vines are grown and where famous wines are produced. CIMA introduces latest generation machinery and the production of every mechanical part is made inside the factory to guarantee the total Made in Italy production chain.

Oltrepò Pavese

45TH PARALLEL



CIMA has been a pioneer
in the development of the
LOW VOLUME TECHNOLOGY
this has been the cornerstone
for the company's industrial
growth in the sprayer field.



THE PNEUMATIC LOW VOLUME VENTURI AIR

Since 1974, easy, effective, unrivalled!

Using the unique Low Volume Venturi Air system by CIMA, you can save a huge quantity of water when spraying with our sprayers.

Discover more about the advantages against the High Volume.

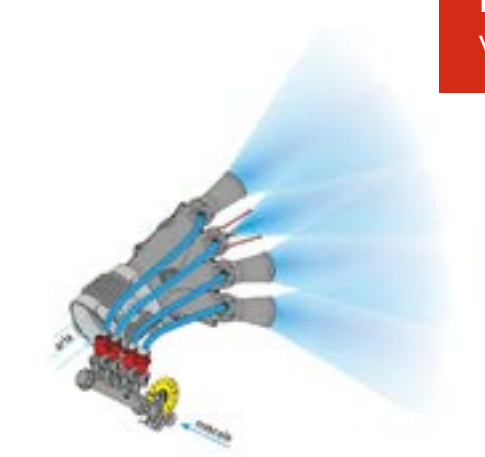
Discover more.
Visit **CIMA.IT**



"HIGH VOLUME" SYSTEM



SYSTEM BASED ON THE "VENTURI TUBE" PRINCIPLE



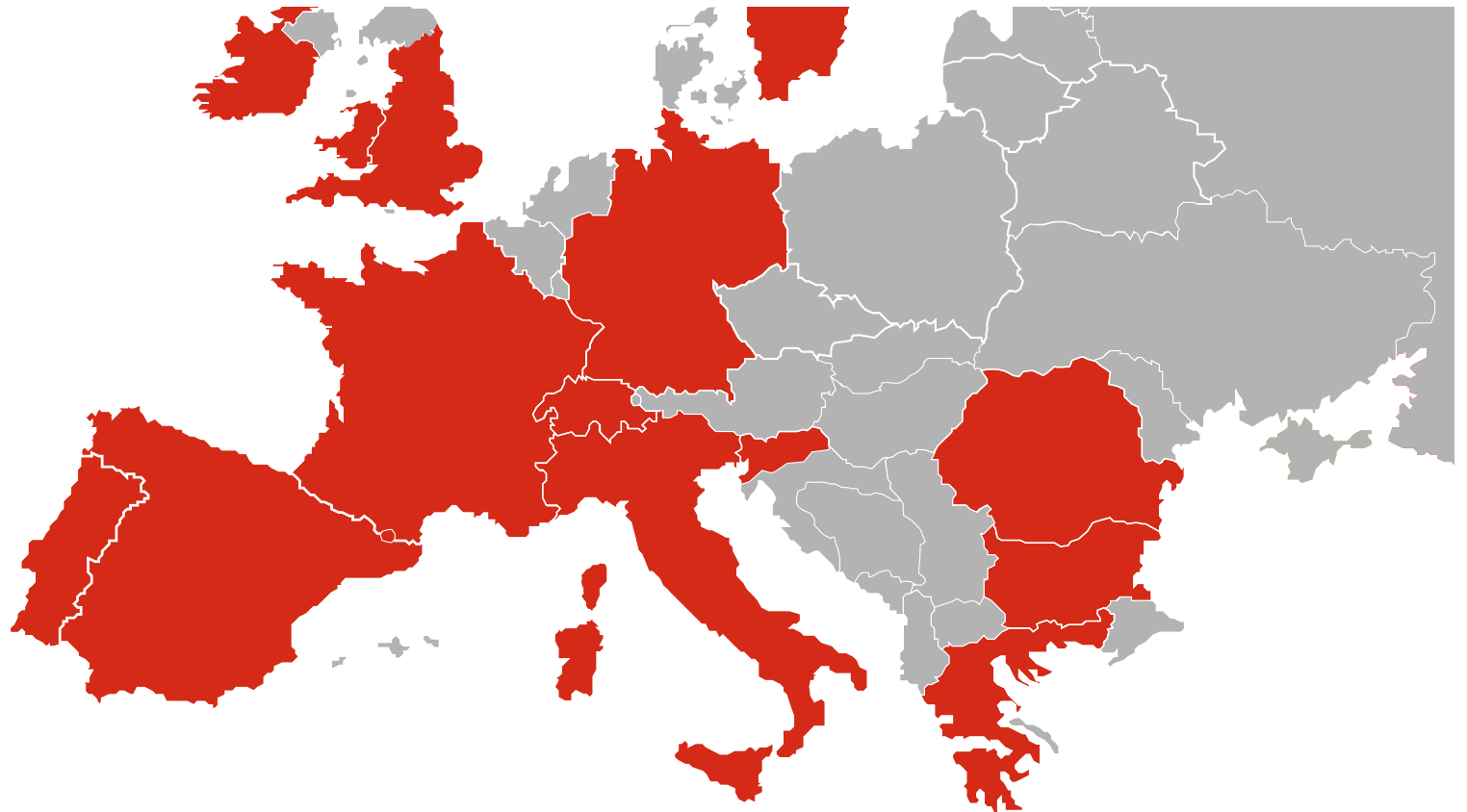
SYSTEM BASED ON THE "VENTURI TUBE" PRINCIPLE

IN EUROPE AND BEYOND

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.

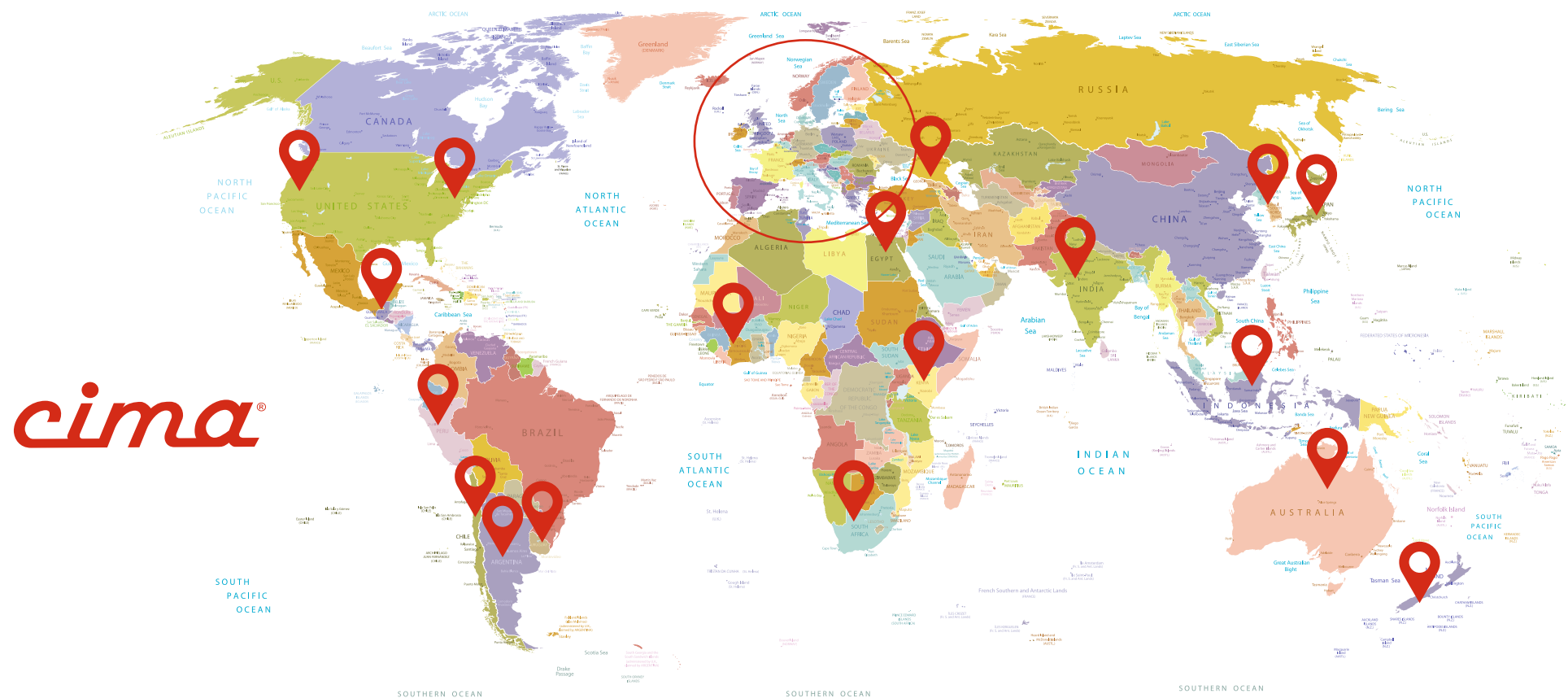
The flexibility to design quality products tailored to the needs of the end user, has enabled the company to create successful solutions even for the treatment of crops that are different to vines.

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ALL OVER THE WORLD

In the 1980's, having to make a choice between extending its product range with additional equipment to be sold in autumn/winter time or dealing with markets with opposite seasons, **CIMA preferred to enlarge its trade business** (to extend its field of sales) starting the export of equipment to **South Africa, Australia, Malaysia and New Zealand**. Ten years later to the **American continent** from North to South (U.S.A., Mexico, Argentina, Chile) and in recent years to **India, Russia and South America**.



CONSTANTLY EVOLVING

The new headquarters. A modern production site of **6,500 m²** located on a total area of over **22,000 m²**.

ITALY HEADQUARTERS

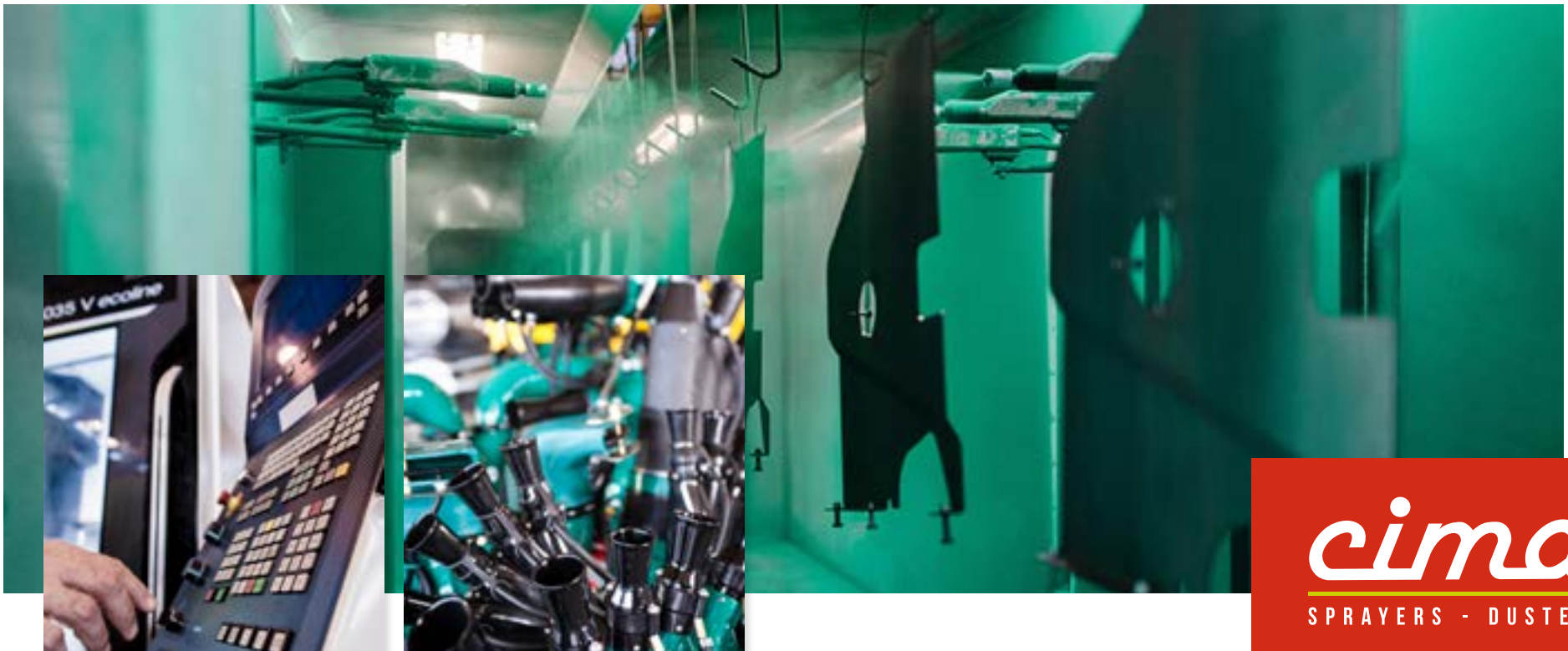


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TECHNOLOGY AND INNOVATION

CIMA SPA is able to offer all the support and experience in terms of crop protection to get excellent results.

50 employees and an experienced R&D team are continually developing and testing **innovative solutions** and processing techniques, to improve the final production.



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DOSA

DROPLET SIZE ADJUSTEMENT

The first low volume sprayer with pneumatic atomization fitted with **Anti-Drift Diffuser**.



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PATENT PENDING

VRT

Variable Rate Sprayer

- Low-volume pneumatic sprayer designed to change the distribution rate, both continuously and automatically, based on foliage vigour information provided by ultrasound sensors
- This system is integrated with a GPS to vary the chemical distribution according to the speed and to timely document all the treatments carried out
- Moreover, the sprayer is equipped with a system for the selective distribution of foliar feeding



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SPRAYERS - DUSTERS

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**.



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The control of every single part and final test provide a proven capacity to ensure and deliver **efficient and reliable equipment** for a more effective crop protection.



QUALITY AND EXPERIENCE

The best proof of the **quality of CIMA products** comes from the market: the exports represent 80% of the production. The experience achieved through many years of continuous presence in the agricultural field throughout the main international markets, working closely with growers, ensure that the products developed and offered are **highly advanced** and suit any individual agricultural needs.

CIMA SPA is constantly working on the future. The commitment and energy of all time are dedicated to the creation of avant-garde products with full respect for the environment.





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SPRAYERS - DUSTERS

BH TOP

Hydraulic pneumatic boom for tunnel

- 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
- The opening, closing, height adjustment of the arms and delivery operations are easy and intuitive, simply controlled by the operator from the cab
- Several options, such as different adjustment and orientation of the diffusers, both in width and in height, allow to operate in tunnels with different types of growing systems
- Available up to 12 mt long, equipped with multiple outlets, all the components are entirely designed and manufactured by CIMA for the best guarantee of quality and reliability.





CIMA "LOW VOLUME" system, originally developped to suit vineyard needs, is used today for a **variety of crops**, including apples, pears, peaches, apricots, prunes, citrus, kiwi, raspberries, soft fruits, for low crop types, such as vegetables, strawberries, potatoes, melons and also for exotic crops, coffee, pine-apples, mango, papaya, avocado, cacao, macadamia, bananas, palms etc.

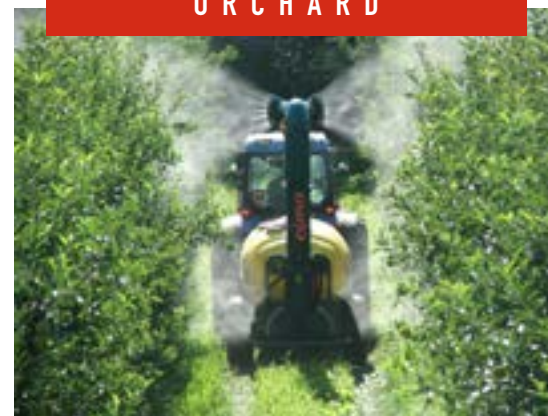
VINEYARD



OLIVE TREE



ORCHARD



CITRUS



ORCHARD



VINEYARD



CROPS PROTECTION

CIMA spraying equipment are built according to the “**low volume air shear technology**” ensuring excellent plant coverage and superb pest and disease control with a much lower quantity of spray liquid on the vegetative surface than the conventional sprayers.

H I G H V O L U M E



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L O W V O L U M E



The basic concept of this technology is very simple: to atomize the liquid in very fine droplets carried on vegetation by a current of air.

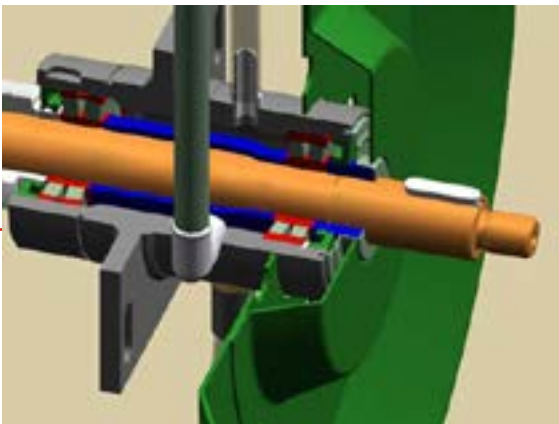


Low Volume

This important difference of low volume spraying in comparison to air blast sprayer, is fundamental. Low volume air shear sprayers cover a higher vegetative surface using the same quantity of water as the “high volume” machines, or in other words, to cover the same area, a much lower volume **“LOW VOLUME”** of water is used.

RELIABILITY AND SECURITY

Another important concept for C.I.M.A. is to provide growers with the finest, **most reliable and simple to use machines.**





To satisfy all specific needs of the market, CIMA's complete range of **spraying equipment** includes 3-point hitch mounted, trailed and articulated models, matching tractors from 25 to 100 HP.

MOUNTED
NewPlus



TRAILED
Blitz

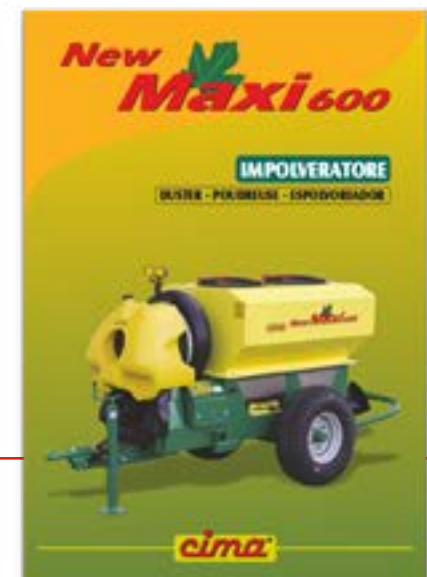


ARTICULATED
Link



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BROCHURES - [Click here](#)

The CIMA production also includes **sulphur dusters**. The wide range includes: the 3-point hitch mini duster “Minisolf” (80 lt. capacity); the S420 - S430 (normally used in vineyards) and S520 - S530 (suitable for treating fruit trees or low crops, eg. potatoes, melons, strawberries, salads, vegetables, etc.), both models are available in 200 and 300 lt. capacity; the trailed MAXI, represents the ideal unit for dusting large areas with a 600 lt. capacity tank and pneumatic distribution.



Explore all the
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SPRAYERS - DUSTERS

The **weeding machines** complete CIMA range products, available in 200, 300, 400 litres capacity and equipped with different lengths spray booms according to row spacing.

THE WEEDING MACHINES

Ds 200-300-400



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BROCHURES



CUSTOM-MADE PRODUCT



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Tecnologia senza limite.

Limitless Technology.

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