



# OFFICINE MINGOZZI

## FLAME HEAT TREATMENT

Weeds, fungal diseases, bacteria, insects? The solution is the flame heat treatment.

Results obtained with low environmental impact and economically sustainable.

Mingozzi Group, with its thirty years of experience, is a market leader in the field of flame weeding and flame heat treatment, and has expanded its field of application from horticulture to urban green areas.



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THE MACHINES IN ACTION



The fields of application of flame heat treatment are many; our model PTR is widely used in intensive crops such as fast-cycle leafy vegetables (rocket, salad greens, valerian, etc.) and row-grown vegetables such as potatoes, carrots, onions, garlic, fennel, etc.

**Weeds, fungal diseases, bacteria, insects, suckering in Vineyards and Orchards?**  
Flame Heat Treatment: low environmental impact and economically sustainable. A ventilation system prevent heat from rising on the plants, allowing the working condition of the flame produced by the burners to be controlled



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# FALC

## FALC SRL

Since 1960, FALC has been producing very high-performance 100% made in Italy agricultural equipment.

In these years of work, research and investments, FALC has greatly diversified its production in order to offer the farmers the best solutions for each type of cultivation. The high quality of the agricultural machinery has allowed FALC to achieve a prominent position not only on the European market, but also in North America (since 1975) and worldwide. At present, FALC equipment is delivered in over 60 countries, in all five continents, with an export share that covers 85%.

FALC offers solutions suitable for all types of soils and crops.

Today the factory has 6 main assembly lines where 110 different models of machines, divided into 325 versions, are manufactured: available working widths from 3 ft to 30 ft, suitable for tractors from 15 to 400 HP. The high customization of the products allows the company to deal also with the design and implementation of special as well as specifically designed for BIO crops solutions.



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**Professional equipment for vegetables:** rotary tillers, reverse tillers (stone burier), rotary ploughs, power harrows, bed formers, motorized rollers, shredders, hydraulic forklifts for tractors.



**Professional equipment for vineyards and orchards:** rotary tillers, power harrows, pneumatic seed drills, spaders, shredders, hydraulic inter-row tools, hydraulic forklifts for tractors.



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## CABA INDUSTRIE SRL

Manufacturer of agricultural equipment for orchards and vineyards through different brands. Our equipment includes turbine sprayers (brand Vicar) in-row cultivators, trimmers and tool-carriers with interchangeable tools (brand Lotti).

Our products are particularly adapt for reduce or eliminate the use of chemicals in agriculture, helping farmers in their transition towards organic farming.



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### **TURBINE SPRAYER 456. Turbine power for your field**

Sprayer that works thanks to a turbine system, considerably reducing its drift effect in spraying, as certified by some studies done in Germany and Italy. The air unit 456 consists of 6 spraying exits equipped with 2 nozzle-jets each, with the possibility to adjust the opening/closure of each nozzle and exit. The air unit could precisely spray from all directions into your vineyard/orchard, thanks to its towers and to the adjustability of the exits. The air unit could be mounted on both trailed and tractor-mounted tanks, from 200L to 2000L capacity.



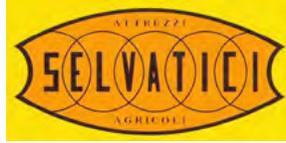
### **IN-ROW CULTIVATOR IT 115.**

#### **The machine for any tractor and work**

Independent in-row cultivator for orchards and vineyards, equipped with oil tank, oil cooler and two hydraulic pumps, able to be mounted on any tractor due to his capacity of not overlasting its hydraulic system. The IT 115 could be equipped with up to 13 different working tools to clean the row, manage the leaf canopy and do multiple soil workings under and between the trees.

**CABA INDUSTRIE SRL**  
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## SELVATICI SRL

The company was founded in 1969 by Franco Selvatici and has always been characterised from the outset by the production of high-tech tools for intensive, high-productivity agriculture. The historic headquarters have always remained in the province of Bologna. Since 2014, engineer Lorenzo Selvatici (the founder's son) has been president of Selvatici srl. The company specialises in the production of agricultural machinery for soil preparation such as spading machines, bivangas, post hole diggers and rear scrapers. In addition, there is a line for professional gardening including aerators and sand spreaders. New implements have recently been introduced to the range, such as spading machines for two-wheel tractors, stone buriers, bed formers, a small range of subsoilers and chain shredders, both fixed and movable.

[www.iowafarmequipment.com/selvatici-tractor-3point-tilling-spading-machines.html](http://www.iowafarmequipment.com/selvatici-tractor-3point-tilling-spading-machines.html)



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**The main product is the spading machine, a machine for the first tillage that can be used as an alternative to the disc plough and the rotovator.** Fundamental characteristic is that it does not leave the hardpan, typical of rotary tools such as the rotovator and plough. Not having such an inconvenience is an ideal machine at agronomic level to facilitate root growth and proper soil drainage. It mixes the residues of previous crops, fertilizers and manure. It reaches excellent working depths, up to 20" for the biggest machines. It is specific for horticulture, vineyards, orchards and also for floriculture both in greenhouse and open field. It leaves the soil very finished and thanks to the type of movement, it helps the advancement of the tractor, thus saving fuel and being able to be used on sloping ground in total safety.



**We also manufacture aerators for natural turf.** A product that approaches more to the professional gardening, useful for those who make maintenance of soccer fields, golf courses, baseball and cricket fields, racecourses, and also in vineyards / orchards.

**SELVATICI SRL**  
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## MURATORI SPA

Muratori is an Italian manufacturer of agricultural and grasscare implements for tractors and Skid Steers Loaders. Our product range is composed by Rotary Tillers, Stoneburiers, Power Harrows, Flail Mowers, Finishing Mowers and Fertilizer Spreaders. Muratori is specialized in implements for tractors from 10 to 120 HP and has a complete range of implements suitable for hydraulic driven machines.



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**ROTARY TILLERS** The Muratori rotary tillers for agricultural tractors equipped with a three-point hitch and power take-off are the ideal machine for working on any type of soil. The main working part of the rotary tillers (also called rotary hoes) is a horizontal rotor shaft on which steel hoes (blades) are fixed which, rotating in the forward direction of the tractor, crush and chop the soil. A rear hood contains and levels the worked soil, the working depth can be adjusted by side skids or by various types of rear rollers. Muratori rotary tillers are suitable for both primary tillage (i.e. on compact soil) and secondary tillage (i.e. on previously worked soil with plow, harrow etc.). Various blades options on the rotor are available based on the type of soil and the degree of crushing desired. The range includes numerous models for tractors from 12HP up to 120 HP, available in fixed, mechanical side shifting, hydraulic side shifting versions, with or without multi speed gearbox with side chain or gear drive. Suitable for the most varied uses such as in parks, gardens, vegetable gardens, orchards, vineyards as well as open fields, Muratori tillers are therefore the ideal machine whatever the crop to be processed or the work to be made.



**FINISHING MOWER.** Muratori finishing mowers for tractors are the ideal solution for turf care. These machines are mainly made up of a frame of limited height that contains horizontal blades of particular design (3 or 5 according to the versions) which rotate at high speed and effectively and accurately cut the lawn grass. According to the versions, Muratori lawnmowers can be equipped with conveyors to discharge the cut grass to the side or the rear, or with a "mulching" kit to shred the grass leaving very limited residues on the ground. The MR series models are extremely versatile as they are the only finishing mowers on the market with the possibility of having one or the other of these options on the same main frame. All Muratori finishing mowers can be supplied with rear or front 3-point linkage cat. 1 (but they can, on request, be supplied with a quick coupling cat. 0)

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**BILL GARTON**  
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## ROJ SRL

ROJ was founded in 1965 in Biella, Italy and designed its first products, which were for the textile industry, in the 1970s. In recent years ROJ has allocated part of its' resources to the field of Mechatronics and together with the other companies of the Vandewiele Group, developed its' first range of servomotors which were integrated with drives and gear units. ROJ motors are controlled by digital technology, with options for standard or dedicated protocols, wireless or wired connectivity through Control Units or dedicated mobile device apps. Since 2013 ROJ has been working in precision agriculture growth with its motors and systems for the distribution of seeds, plants and fertilizers. This culminated in the introduction of The AGRI-MOTION product range which was launched in 2017. This also signalled the start of ROJ's collaboration with the key global players in the Precision Farming sector, for both agricultural equipment and positioning systems.



Following customer feedback and market demands, ROJ improved the previous version of the PCS W1 by developing Agri-Motion X-tend, a kit that allows the user to manage seeding and fertilization with a wireless mode. This widened the range of possible applications, thanks to the extension of control to more than one motor. X-tend is based on the Agri-Motion DMD 0 drive, a highly reliable 12V brushless motor which integrated the driver board and gearbox. The X-tend kit can be installed in a short time and allows for control of more than one hopper via a mobile phone or tablet. Thanks to a miniaturised wi-fi access-point, which provides a wireless connection to the motors, it is possible to adapt settings and monitor the activity of each hopper in real time. The configuration menu allows calibration of the speed sensor and the distributor volume. The main screen shows, for each motor, the working speed, the quantity of product distributed per hectare and the hopper status.

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carrarospray®



## O.C.L.L. SRL

Carrarospray is a leader of sprayer manufacturing with 60 years of history. The production and parts are 100% Italian made. The flexibility, innovation, quality and customization are some of our points of strength. The experience of many years in the industry has led us to have a global view of the market, and the dynamism and readiness in the responses have made our solutions more and more updated. Knowing how to listen to the requirements and adapt our products to the real needs of the consumer are our strengths. We are exporting the 80% of our production, our main markets are USA, France, China, UK, Australia, New Zealand, etc.



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**QWECTOR. THE BEST TOWERED TRAILED SPRAYERS WITH ANTIDRIFT.** This is our ultimate line of sprayers which sums all the up-to-date solutions in the industry both for technologies anti anti-pollution features. We have several variants of tower shape to fit different kind of cultivation and always propose the most customized solution for the specific need.



**ATVM. THE BEST TRAILED SPRAYER FOR QUAD.** It is the ideal implement for small vineyard, blueberry, nursery green houses, narrow row crops, and for all those working conditions where it is not possible to use a tractor with PTO. The ATVM trailer air-blast sprayer is equipped with a 9HP gasoline engine. The engine driven air-blast fan and pump are independent of the towing vehicle.



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# MASCHIO GASPARDO

MASCHIO GASPARDO Group is a leading international Group in the production of equipment for tillage, seeding & planting, fertilization, crop protection, green maintenance and haymaking.

**PRIMO EW ISOTRONIC** versions, with ISOBUS communication system features AEF certified software, developed for precision farming allowing the management of the variable rate (VR), of section control (SC) and the possibility of importing-exporting work data. The ON/OFF and dose adjustments are controlled by electric actuators, to always guarantee maximum distribution precision. The drop point control automatically adjusted. In the presence of an already treated area, the automatic closure of the sections (4 left and 4 right) maximizes distribution efficiency without waste of valuable fertilizer.



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**ORietta** is a precision vegetable planter for small seeds. The result of the experience that GASPARDO has gained over the years in precision planting, the new sowing element for vegetables offers high precision and homogeneity in the distribution of seeds. Equipped with a mounted, fixed or folding frame, ORietta can deal with over 20 rows at different inter-row spacing, depending on cultivation and management requirements. We custom build planters based on farmers needs.



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## ROTER ITALIA SRL

Forigo Roter Italia is an Italian Company who began its business journey in 1972. The production includes two lines of soil preparation machinery for:

A) Agricultural sector including orchards & vineyards: power harrows, rotary tillers, shredders;

B) Vegetable sector, landscaping, turf and special crops: stone buriers/reverse tillers, bed formers, potato ridgers, potato leaf toppers, mulch layers, mulching seed drills and tiller sterilizers (liquid or solid fumigant application into the soil).



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**Our shredders** are suited for grassland maintenance, orchard/vineyard pruning shredding, cultural residues, chopping and rough fields. The series includes front & rear mounting machines, with mechanical or hydraulic side shifting, straight or folding units up to 23ft cutting width.



**The REVERSE TILLER/STONE BURIER** tills through a standing cover crop, it creates well-formed and stable raised beds, it installs drip tapes and lays plastic, all in one pass, achieving fuel & labor savings, reduced soil compaction, increased soil health & biodiversity, as well as reduced emissions.

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[www.keithlywilliams.com/fabrication-innovations](http://www.keithlywilliams.com/fabrication-innovations)  
[www.vedafarming.com](http://www.vedafarming.com)  
[www.brookdalefruitfarm.com](http://www.brookdalefruitfarm.com)  
[www.leerain.com](http://www.leerain.com)

[www.forigo.it](http://www.forigo.it)



# FERRARI COSTRUZIONI MECCANICHE

The company specializes in the production of transplanting machines, both semi-automated and fully automated. Ferrari machines are suitable to farm a wide variety of vegetables including: lettuce, tomato, cabbage, celery, tobacco, sweet potato and many others. The guidelines of the company are based on innovation and continuous development of the products which are all proudly patented. Ferrari is by far the top quality brand on vegetable transplant. Some of the equipment produced at the factory are working with hydraulic, pneumatic and electronic components.



**What does innovation mean for Ferrari?** Just look at the Futura transplanter in action: the robot can extract and transplant the plants from all trays with incredible precision. Fast and accurate job with just one operator needed only. Pulled or self-propelled, Futura is the best mate for your work.

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## MARTIGNANI SRL

Martignani Srl was founded in 1958 by Engineer Claudio Martignani, and managed now by his son Stefano Martignani. At present, about 50 people work in the company, which has been a leader in the field of electrostatic spraying and crop treatment in the agri-food sector for years. Moreover, as the excellent results prove, the company has been committed for years to saving in pest control and environmental hygiene treatments. Martignani Srl is known for having introduced and developed important technical innovations in the sustainable use of pesticides over the years. The numbers say that Martignani sprayers: • make treatments faster because more hectares are treated in a day of work of a machine with an operator on board; • use 40% less pesticides and over: therefore less purchases, less storage and basic zeroing of the residue on the plant and on the ground; • use between 70 and 90% less water, that is to say less bulky machines for the work among rows or plantations, less trampling of the ground and less trips for tank refills.



**Electrostatic Sprayer Turbo 2:** 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.. 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).

**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°. 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.



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