

renzo borganovo_{srl} at LIGNA 2019

Products List
and
Main Products Informative Sheets

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Renzo Borgonovo Srl Products List

Since 1961, Renzo Borgonovo Srl operates as an engineering and manufacturing company in the sector of automatic machineries for the finishing of wood, wood derivatives, and plastic profiles, picture frames, parquet flooring, panels, and doors.

Here below, a list of our current range of products. List in alphabetical order.

In bold, the type of machineries explained in more details in the following pages.

Abrasive Scotch Brite Wheels Shaping machines

Cross-transfer machines

Cutting machines for Foil Paper Reel

Embossing machines, Hot and Cold processing

Gilding machines, Hot Transfer processing

Loading machines for Vertical Trolleys

Loading machines, Horizontal loading

Plaster Coating machines

Plastic Film Covering machines

Sanding machines

Silicone-coated Wheel Shaping machines

Spiralling Lathe machines

Spiralling Lathe Splitting machines

Splitting machines

Spraying / Coating machines

Transfer machines

Unloading machines for Vertical Trolleys

Unloading machines, Horizontal unloading

Embossing machines, Hot and Cold processing

These machines have been designed to engrave on wood, either by heated or not-heated rollers. Heated rollers present patterns in-relief and can emboss directly on wood and wood derivatives. Not-heated rollers features hollow patterns that must be filled up by wood pulp in the cold embossing process; this pulp is essential to this kind of embossing processing and it is extruded by a pump directly on the wood, just before the roller. It then sticks to the wood resulting in an three dimensional design that ennobles the work-piece. Once the pulp is dry (after 24 hours at room temperature), it can be handled and further finished as you would treat normal wood. The Borgore series present four models: Borgore 300, 800, 1000, and 1300. These have, respectively, an embossing width of 100 mm., 450 mm., 1000 mm., and 1300 mm. Endowed with solid structures and high quality components, the machines have a considerable engraving power and are able to hot and cold emboss on any kind of wood and wood derivate material. The models' /ITI versions compared to the /I versions present the addition of a dragging motor for the lower roller (which in the /I version is in neutral), this allows more stability in the in-feed process and better final results. The /P and /RP versions are the versions of the four discussed here that feature a wood pulp pump, for cold embossing. These versions can thus come equipped for cold embossing only or for both cold and hot embossing, gathering all those features needed for these two different jobs in a single machine. The /RP version differs from the /P one in that it features a small conveyor belt (coupled with the lower roller's motor) for the automatic gathering and collection of the unused, over extruded wood pulp, that once discarded is automatically transported to the in-feed side of the machine, where it is collected in a small, extractable drawer. From here it can be easily manually re-thrown in the in-take pump's tank and re-used, for a zero waste processing of the pulp itself.



Model Borgore 800/RP



Model Borgore 1300/ITI.

Models' versions technical features

Feature\Models' versions	/I	/ITI	/P	/RP (only for Borgore 800)
Work speed	min.- max.: 1 - 15 m./min.			
Engraving width	max. depending on model: 100 or 450 or 1000 or 1300 mm.			
Piece passage width	max. depending on model: 250 or 500 or 1060 or 1360 mm.			
Piece passage height	max.: 150 mm.			
Roller outer diameter	max. depending on model: up to 400 mm.			
Hot engraving depth	max.: 5 mm.			
Cold engraving depth	Not Applicable		max.: 25 mm.	
Lower dragging motor	Not Applicable	kW 1,5 (300 and 800) or 2,2 (1000 and 1300) gear-motor with inverter and electric programmer		
Upper dragging motor	kW 1,5 (300 and 800) or 2,2 (1000 and 1300) gear-motor with inverter and electric programmer			
Coolant circulation pump	kW 0,09 - *(installed on versions /P and /RP only if the machine features hot embossing equipments)			
Conveyor belt	Not Applicable			Coupled with Lower dragging motor
Roller heating system	By Gas by irradiation (gas, no open flame) <i>OR</i> by Electric Lamps (no gas, 14 kW peak requirement) Any system complete of heater, thermal probe, and thermostat *(installed on versions /P and /RP only if the machine features hot embossing equipments)			
Hot embossing temperatures	max.: 300°C *(relevant to versions /P and /RP only if the machine features hot embossing equipments)			
Thermal probe	Raytek MI3, Comm Metal Box, LTS10 sensing head. *(installed on version /P and /RP only if the machine features hot embossing equipments)			
Touch screen	ASEM HMI25, 7" display. Premium HMI 4 Basic software..			
Wood pulp pump	Not Applicable		kW 1,1 variable-speed motor	
Machine's dimensions	Bigger size: 2300*1500*1900 mm.			
Machine's net weight	Bigger size: 3600 kg.			
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.			
Not in the scope of supply	Embossing rollers (quoted separately on demand) Transformer (if needed) Extra Chiller unit (recommended for constant high temperatures working conditions) Transport and Installation			

Heating system

By Gas (no open flames)

The evolution of the original Bunsen Burners' heating system is our gas heating system by irradiation: this features no open flames in that the combustion of GPL takes place inside a dedicated and elongated burner limited by a wire mesh that encloses and controls the propagation of the gas flames. The result is a much safer and secure system that can be controlled through the machine's touch screen panel. The burner presents three sections that can be lowered or raised accordingly to the roller's height and switched on and off separately. The system is completed by a thermal probe and a thermostat.



Gas heating system with no open flames.

By Electric Lamps (no gas, no flames)

This new embossing roller heating system is made up by a series of elongated electric resistances that generate a peak-power of 7; 14; 45, and 45 kW (respectively for the model 300, 800, 1000 and 1300), which lowers down to around half the peak-power when just maintaining the reached target temperature. The system presents three sections, a central one and two side ones, that can be switched on and off independently through the touch screen of the machine. The box supporting the resistances is completed by small fans that constantly aerate the inside of the box itself, cooling down all those more fragile parts of the resistances. These electric resistance have a life expectancy of around 10 years, and, despite being more delicate than our gas burners, are particularly resistant and manufactured for heavy production scenarios.

Due to the total exclusion of natural gas usage, this system presents many benefits, which can be summarized in a few points:

- **SETTING UP HEATING SCHEDULES:** this optional feature allows starting the heating of the machine automatically, following a preset schedule. Therefore, the machine can be warm and ready for production at the beginning of the work shift.
- **ENERGY SAVING** combined with **LESS GENERATION AND DISPERSION OF HEAT INTO THE SURROUNDING ENVIRONMENT**
- **THE NEW ELECTRIC SYSTEM MEANS NO GAS, NO FLAMES IN THE PRODUCTION HALL:** this is the perfect solution for those factories who may have stricter safety regulations about fire threats. Additionally, the hot embossing machine can now be placed in line also close to machines emitting particle dusts, such as spraying machines. The electric heated version of this machine, is overall simply safer than the gas heated one.

Heating system: Gas vs. Electric Lamps

Time to reach target temperature

The time needed to reach different temperatures is roughly the same for the gas and electric heating systems (according to tests performed on our Borgore 800/ITI), with the latter taking slightly more time to reach target temperatures below 180°C, while speeding up and passing the other when the target temperature becomes higher.

Utilization costs

In the case study of Italy, the utilization costs analysis of the Gas Heating System vs. Electric Heating System (based on tests performed on models Borgore 800/ITI and Borgore 1300/ITI) ends up revealing, once again, a pretty equal scenario: in the table below we can see that, staying at a constant temperature of 200°C (after the temperature has been reached) on a 800/ITI and 1300/ITI costs are respectively, for both systems, 3,00 €/hour and 7,00-7,50 €/hour.

Machine Model	Average Gas consumption	Costs of 1 kg of Propane	Gas utilization costs	Average Electricity consumption	Costs of 1 kWh (tax included)	Electricity utilization costs
Borgore 800/ITI	3,0 kg/h	1,00 €	3,00 € / h	10,0 kW/h	0,3 €	3,00 € / h
Borgore 1300/ITI	7,0 kg/h		7,00 € / h	25,0 kW/h		7,50 € / h

Analysis of gas and electricity costs for a Borgore 800/ITI and 1300/ITI. Case study of Italy.

While these costs do vary from country to country depending on the local prices for natural gas and electricity; on average, their utilization costs are comparable and thus do not feature a significant gap between the two.

End results and choice advice

The quality of the final product is not, by any means, influenced by the choice of the hot embossing roller heating system. Either by gas or by electricity, the hot embossing process, when done in a knowledgeable way is always very satisfying. The electric heating system may be slightly cleaner in that there is no combustion and thus no dust particles can be deposited on the work-piece while this is being embossed. The choice between gas and electric lamps heating system is then mostly a choice about safety in the workplace and about freedom of placement of the machine with the electric lamps heated version that presents no gas usage and can be placed anywhere in any working environment.

Standard Machine's Shaft and Bearings Cooling System vs. Extra-Chiller Unit

Any Hot Embossing Machine of the Borgore Series is equipped with an electrical pump of 0,09 kW for the circulation of the cooling fluid, which is stored in a water tank inside the frame of the machine. This cooling fluid (respectively 40, 70, 180, and 210 liters for the Borgore 300, 800, 1000, and 1300) provides cooling to the machine's upper roller's shaft and bearings. To optimize the work efficiency and life-expectancy of the machine, these latter need to be at a acceptable temperature even during intense heating and use of the machine. Depending on your working temperature and production hours, the circulation of room-temperature fluid may not be enough to keep these important machine's parts cool. In this case, the machines can be equipped with an extra chiller unit, which completely replaces the electric pump and has the double function of keeping the fluid in circulation and keeping it cool at a constant temperature.

Wood pulp and wood pulp pump

The wood pulp used along with our machineries is a paste of medium density, made with powdered wood, glues, vegetable oils and solvents. It is self drying, drying at room temperature in around 24 hours. As such, it does not need heating sources, which, on the contrary, could harm the end results, making the pulp crack if dried too fast. Once dried, the product can be ennobled with paints, gold leaf, etc., treated exactly as natural wood. When processing the work-pieces, the pulp is extruded by a screw pump and positioned directly on the wood board or profile on which is as to stick. After having passed through the embossing roller, the pulp gain the designed decorative shape, and it just have to dry before further finishing.



Pictures of wood pulp cold embossed by a cold embossing roller.

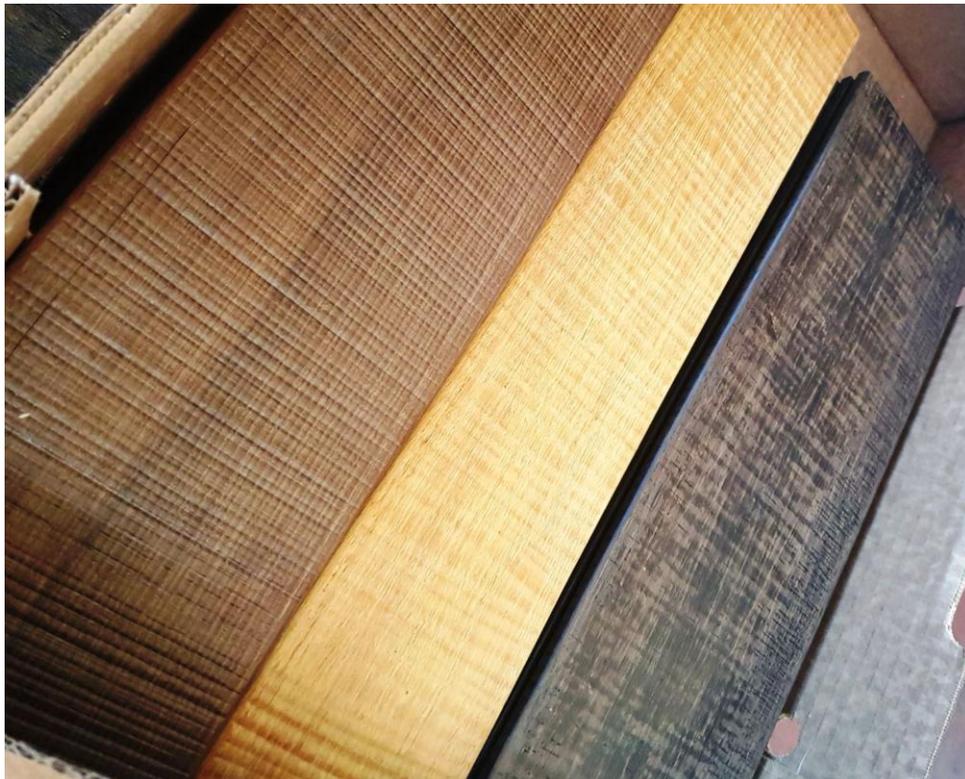
The pump features a variable-speed motor with a total power of 1,1 kW, and it has been designed for the controlled ejection of the pulp through a specifically shaped bore. The velocity of extrusion can be controlled by a manual control set on the pulp's motor. The loading of the pulp in the intake box is made manually.



Wood pulp pump

Examples of processed products

Hot embossed products, engraving directly on wood



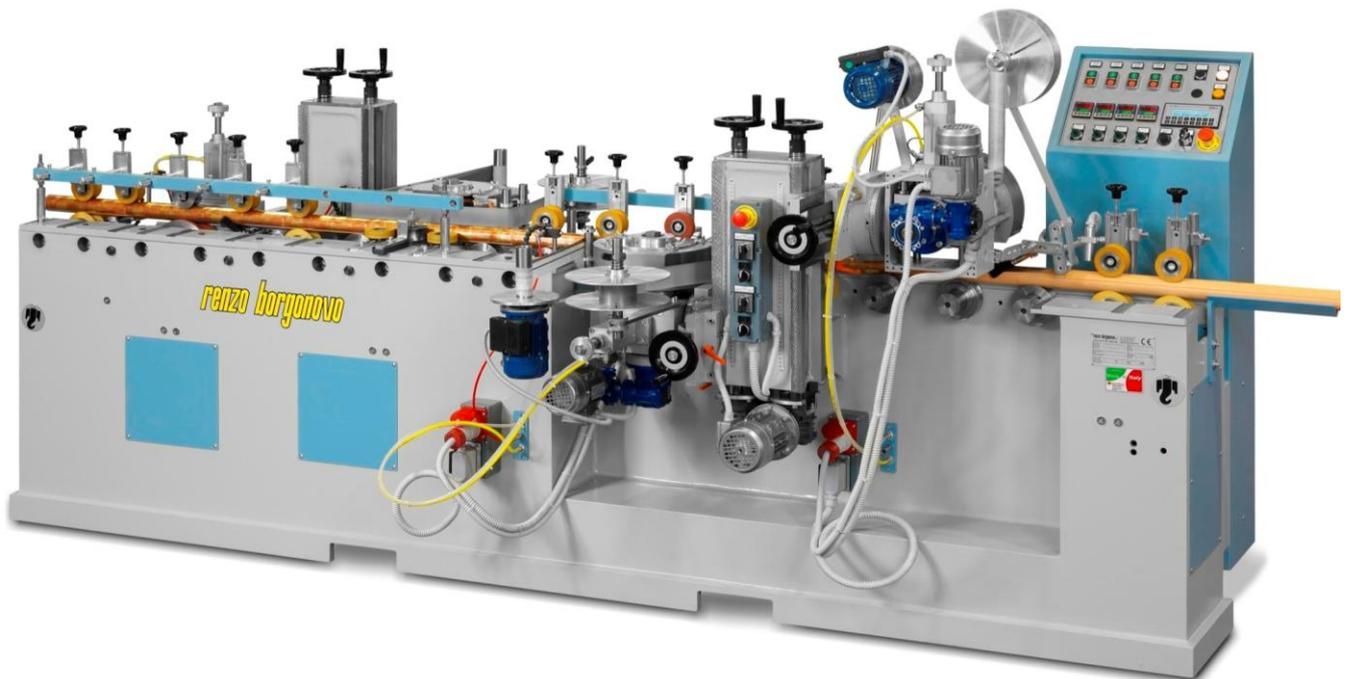
Cold embossed product, engraving with the use of wood pulp





Gilding machines, Hot Transfer processing

Renzo Borgonovo Srl hot gilding machines are able to apply foil both on wooden/wood derivate material, and plastic material, may this be stiff or flexible, flat or curved. The hot stamping foils process does not require any use of glue or adhesive and it ensure a perfect covering, including finishing material overlaps, which result totally invisible. These machines can work either in-line with extruders or sanding machines, or off-line. We offer many different models, which features, a single or multiple foiling heads with different sizes. The foiling heads are inclinable and can thus offer various positioning options, thereby providing extreme versatility for achieving and maintaining high production quality standards.



Renzo Borgonovo Hot Gilding machine, this model features four gilding units.

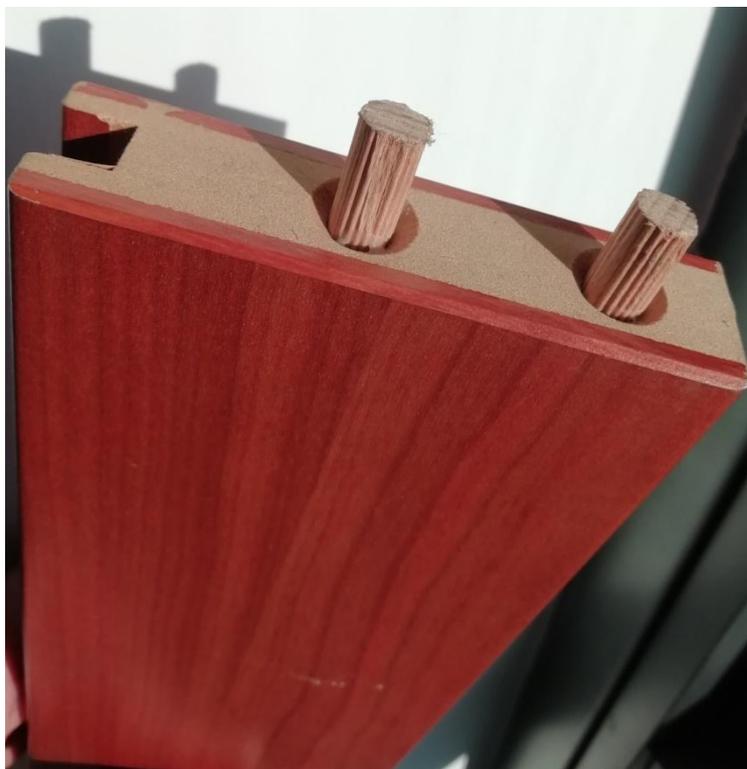
Gilding machines' technical features

Feature\Model versions	Gilding machines
Work speed	min.- max.: 2,5 – 12,5 m./min.
Piece passage width	min.- max.: 15 – 120 mm.
Piece passage height	min.- max.: 10 – 100 mm.
Silicone wheels width	min. - max.: 10 – 100 mm.
Foil coil width	max.: 110 mm.
Foil coil diameter	max.: 300 mm.
Dragging motor	kW 0,55 gear-motor with inverter
Number of Foiling unit	From 1 up to 8
Winding motor of single unit	kW 0,09
Head motor of single unit	kW 0,09
Up-down head motor of single unit	kW 0,18
Single head heating system	Ceramic resistors min. - max.: 0 – 2100 W. for the small heads min. - max.: 0 – 3000 W. for the big heads
Machine's dimensions	Variable depending on number of heads installed
Machine's net weight	Variable depending on number of heads installed
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.
Not in the scope of supply	Foil coils Transformer (if needed) Transport and Installation

Silicone wheels' Heating system

The heat necessary for the hot transfer of the foil from the foil support to the work-piece is provided by a kit of 6 ceramic resistances. Heads hosting 70 mm. thick silicone wheels can reach a heating power of 2100 W., while heads featuring 120 mm. thick silicone wheels reach a power of 3000 W. These six resistances are built-in into the crank-case supporting the silicone wheels and can be regulated by switches located on the control panel of the machine. While the machine is in operation, the temperature of the silicone wheels is constantly checked by thermocouples, which, same as the head's resistances, is fitted in the crank-case of the single head unit.

Examples of processed products



Loading and Unloading machines for Vertical Trolleys

These units are designed for the automatic handling of rods, strips and linear frames working along with special storing and drying vertical trolleys. These machines automatically unload the work-pieces onto the finishing line or load the work-pieces just processed by finishing machines such as Plaster Coating, Spraying, Gilding and/or Hot Embossing units on Vertical Trolleys. Our Loaders and Unloaders thus eliminate the manual handling by one or more workers. Sturdily built and mechanically simple, yet technologically advanced, these units solve all types of handling problems fast and precisely. The standard models include 2 arms and 3 arms versions of the machines.



Renzo Borgonovo Srl Unloader for Vertical Trolleys Model BL 92-3B.

Loaders and Unloaders' models technical features

Feature\Model version	Loaders and Unloaders' models
Stacking capacity	30 pieces per minute
Piece length	Models with 2 arms; min.- max.: 1800 – 3000 mm. Models with 3 arms; min.- max.: 600 – 3000 mm.
Piece width	min.- max.: 20 – 300 mm.
Piece height	max.: 50 mm.
Height of work table	min.- max.: 800 – 1000 mm.
Total Installed Power	kW 2,0
Number of arms	2 or 3, depending on production needs
Machine's dimensions	3400*2300*2200 mm.
Machine's net weight	Up to 1200 Kg.
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.
Accessories	n.1 Vertical Trolley included with each new machine
Not in the scope of supply	Transformer (if needed) Transport and Installation

Vertical Trolleys

These two or three-arm trolleys have been designed to be used along with our vertical loaders and unloaders. The use of these trolleys allows the use of the unloading and loading machines in a completely automatic way. Easy to use, the trolleys features four wheels with 360 degrees of freedom.

Trolley's technical features

Feature\Model version	2 and 3-arm Trolley
Number of arms	2 or 3, depending on Loader or Unloader model
Number of floors	11
Piece length	min.: 1800 (2-arm trolley) or 600 (3-arm trolley) mm.
Trolley's weight	100 Kg
Trolley's dimensions	1600*1100*2100 mm.
Not in the scope of supply	Transport and Installation

Plaster Coating machines

These machines have been specifically designed for the continuous cycle application of paint, bolus or plaster on all kinds of picture frames and profiles, using an iron countermould. Years of thorough research and severe tests have enabled us to obtain simply, sturdy, low-cost and versatile machines in the forefront in their specific machining sector. The use of a special technique in the construction of the countermoulds for drawing with plaster, paint or other products and the gravity application of the coating material in continuous cycle by means of a pneumatic pump directly from the product tin itself, provide solutions to numerous technical problems during machining. Thanks to their ease of use and maintenance, the machines do not require expert or skilled operators. High production levels are achieved in terms of both quality and quantity and the units can consequently meet the requirements of the most demanding customers. The sturdy construction, high functional capacity and careful choice of materials and equipment used to make these units are a sure guarantee of durability.

Model VGS 97 technical features

Feature\Model version	VGS 97
Hourly production	min.- max.: 18 – 90 m./min.
Work-piece width	min. – max.: 10 - 180 mm.
Work-piece height	min. – max.: 5 - 100 mm.
Driving motor	kW 1,1
Machine's dimensions	800*1830*1350 mm.
Machine's net weight	650 Kg.
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.
Not in the scope of supply	Transformer (if needed) Transport and Installation



Renzo Borgonovo Srl Plaster Coating Machine Mod. VGS 97

Examples of processed products



Sanding machines

These machines, designed for sanding profiles, mouldings and edges, both rough and painted, are all equipped with belt and/or disc sanders groups to fit any type of material (solid wood, MDF, veneers, etc.). The machines ensure a high level of finishing on all types of paint: polyurethane, water, polyester, UV, etc. The operating units, both with belt and with abrasive disc, are served by motors electronically variable by inverter. These series' models can come in different forms, depending on the combination of disc and belt units. Each unit can be switched on and off independently and is operated by its own inverter. Every single unit can be tiltable, ensuring that every unique product can be processed in the best possible way.

The common feature of this series is thus, the main body, which host the dragging belt of the machine. Every other feature is independent and can be added or taken off as per customer's needs.



Renzo Borgonovo Srl Sanding machine with a mix of Scotch Brite and Sanding Belt units

Disc sanding unit type Scotch Brite (SB):

The abrasive wheel sanding unit is counter-shaped to the profile to be sanded.

These units are of a motor-spindle type and they can be positioned anywhere in the working area and can use sanding wheels, abrasive disk, brushes of various hardness and grain. They are suitable for the sanding or denibbing of rough and coated profiles and thus, the disc's many variants can be operated for sanding chipboard and MDF profiles, solid wood profiles, simple profiles without deep grooves and sharp edges, and the denibbing between coats of lacquers and primers.

Each disc sanding unit is tiltable mechanically with rack and worm screw.

The motor spindle is complete with flanges and spacers.

The vertical and horizontal adjusting of the axes is equipped with a numerical position display for a rapid machine conversion. Screws for vertical and horizontal adjustment equipped with double roller bearing. Slide and carriage for the adjusting axes by ball-bushing trolleys.

Reversal of the abrasive disc rotation towards or against the advancement of the piece with a reverse command positioned on the electrical control cabinet.

The efficient suction system is equipped with openings fixed near the working zone of the units; dust and shavings are piped in the main conduct where an external exhaustor must be connected.

The wheel sanding unit can be equipped with the optional Unit Recovery System. This feature automatically compensate the abrasive disc as this latter wears out. The system is controlled by parameters adjustable on the machine's touch screen.



Example of Scotch Brite unit

Sanding group type AT h110:

Sanding unit for flat edges or profiles, with air cushion pad, counter-shaped in respect to the profile to be sanded. The pressure applied by the unit can be easily regulated. The mechanical oscillation of the abrasive belt ranges in amplitude from 0 to 20 mm, depending on the abrasive belt type. The forward and backward movement of the pad is electronically controlled. A blower for cleaning and cooling the sanding belt is fitted on the driving pulley; this opens and closes automatically and is controlled by an electronic system. The belt tension is set on the lateral pulley instead of driving pulley. The pad is fitted with a double sensibility system for a better copying with the profile to be worked; in case the pad is used like calibrating unit, the sensibility can be excluded. The pad is complete with a mechanical end of stroke. The three axes of the unit are equipped with mechanical digital readouts and the unit is tiltable. The sanding pad is interchangeable by means of a quick device with locking screws; the working pressure of the pad is pneumatically adjustable and with end of stroke's control.

As per the disc sanding units, the suction system is equipped with openings fixed near the working zone of the units; dust and shavings are piped in the main conduct where an external exhauster must be connected.



Example of Sanding Belt unit

MVS Series' technical features

Main Body

<i>Feature\Model version</i>	<i>MVS Series</i>
Feeding speed	min.- max.: 10 – 30 m./min. variable by inverter
Work-piece width	min. – max.: 20 - 200 mm.
Work-piece height	min. – max.: 10 - 100 mm.
Worktable height	900 mm.
Compressed air	6 – 8 bar
Machine's dimensions	Depending on number of units
Machine's net weight	Depending on number of units
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.
Not in the scope of supply	Transformer (if needed) Transport and Installation

Scotch Brite disc unit

Power motor	1.5 kW
Speed of the abrasive disc	Electronically variable by INVERTER from 420 to 1700 rpm
Motor spindle diameter	Ø 30 x 140 mm. length with spacers
Disc size	Ø 200 x 100 mm
Unit tilting range	0° to 90°
Dust suction hood	Ø 100 mm
Extraction rate	700 m ³ /h at 25 mt/sec

AT h110 sanding belt unit

Power motor	2.2 kW
Speed of the abrasive belt	Electronically variable by INVERTER from 140 to 1700 rpm
Power motor oscillation	60W (4 rpm)
Inclinable	-15° to +90°
Pulleys	110 mm.
Belt size	2.770 x 100 max. mm.
Dust suction hood	Ø 100 mm
Extraction rate	1.400 m ³ /h at 25 mt/sec

Spraying / Coating machines

Renzo Borgonovo Srl spraying machines has been designed for the spray painting of profiles, rods, picture frames, strips, and parquet flooring. The machine can be used with a wide variety of products, such as base paints, thinners, nitro and polyurethane paints, paints containing pigments, acrylic paints, matt and gloss paints. The machine main body consists in four collection basins which can be equipped with up to two spray guns each, for a total maximum of eight spray guns serving the whole spraying machine. The basins, situated on an extractable carriage, serve as collector for the over-spray, which flows in simple cans in the bottom part of the machine. This over-spray can be thus collected and re-used for further use. The machine is operated from a central control panel with PLC which automatically controls spray-gun opening and closing in relation to the length of each work-piece and the current feed-speed, thereby ensuring large product savings. Operation and adjustments are independent for each spray-gun. The work-pieces are fed on solvent-resistant conveyor belts, which are operated by a toothed belt driven by a mechanical gear-motor with inverter. The suction system consists of a box, filters and an electric fan. The high performance of this system provides good protection against pollution for the operator and the whole work area. Finally, the sprayed product is fed to the spray-guns by means of a diaphragm pump. Other feed systems can also be adopted: under pressure, airmix and airless.

Standard Model

These Standard model's versions are designed for non-reagent painting products, and for work-pieces with minimum length of 800 mm. and maximum width of 300 mm.

Anti-corrosion Model

The Anti-corrosion model's versions are designed to handle reagent painting products, which tend to quickly corrode and ruin standard machines. These machines are thus equipped with a stainless steel collecting basins and carriage, while Teflon covers for the most sensitive parts of the machine itself. The work-pieces dimensions remains of a minimum length of 800 mm. and maximum width of 300 mm.

Compact Model

The Compact model is designed to solve practical problems, such as the need to save space in the working environment and the need to handle work-pieces shorter than 800mm. This model is thus shorter, with four narrower collecting basins, which can host a maximum of one spray gun each. The minimum length of the work-pieces becomes of 500 mm.

Compact Anti-corrosion Model

The Compact Anti-corrosion model is the combination of our Anti-corrosion and Compact models: it gathers all their quality in a single, well-manufactured machine. This model is designed to save space and to handle short work-pieces treated with reagent paints. The four narrower collecting basins are then made of stainless steel, and covered with Teflon material.



Renzo Borgonovo Srl Spraying Machine Model SP Standard, version 6P.



Above picture: Renzo Borgonovo Srl compact-anti corrosion model

Technical features

Feature\Model version	Standard / Anti-corrosion / Compact / Compact Anti-corrosion
Work speed	min.- max.: 20 – 100 m./min.
Piece passage length	min.- max.: 800 – infinite mm. (non-compact models) min.- max.: 500 – infinite mm. (compact models)
Piece passage width	min.- max.: 15 – 300 mm.
Piece passage height	min.- max.: 10 – 100 mm.
Height of work table	900 mm.
Dragging motor	kW 2,5 gear-motor with inverter
Number of collecting basins	4
Number of spraying guns	max.: 8 (non-compact models) max.: 4 (compact models)
Number of pumps	min.- max.: 1 – 2 mm.
Spray guns and pumps	Low pressure, high pressure, Airless. Airmix, depending on the production needs
Diameter of suction	300 mm.
Air delivery suction	4000 m ³ /h
Compressed Air consumption	1500 – 2000 Nliter/min
Special features	Anti-corrosion stainless steel carriage and Teflon covered parts in all the Anti-corrosion models
Machine's dimensions	3000*2900*2220 mm. (non-compact models) 2500*1700*2100 mm. (compact models)
Machine's net weight	800 Kg.
Voltage	400 V. / 50 Hz. / 3 Ph. - For other voltages a transformer may be required.
Not in the scope of supply	Air suction connection to the main suction system Transformer (if needed) Transport and Installation

Final notes and contact details

The technical details and/or drawings contained in this informative document are purely indicative and may be changed by Renzo Borgonovo Srl any time for any technical modification considered necessary. Despite we try our best to always keep these documents up to date, information shared here may not be updated.

FOR FURTHER INFORMATION, QUOTATION REQUESTS, AND ANY OTHER NEEDS, PLEASE CONTACT US

EITHER USING THE CONTACT FORM ON OUR WEBSITE www.borgonovo.com

OR DIRECTLY AT info@borgonovo.com

OR CALL US AT THE NUMBER **+39 0362 90 13 47**.

WE WILL BE GLAD TO PROCESS YOUR QUERY AND BE BACK TO YOU IN THE SHORTEST POSSIBLE TIME.

In case of contact, Renzo Borgonovo Srl, in the quality of data controller, informs you accordingly to art. 13 of the Italian D.Lgs. 196/2003 and to the art. 13 EU Regulation n. 2016/679 ("GDPR") that your data will be processed in the manner and for the purposes visible at the following link:

[Privacy Policy](#)

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How to reach us

Renzo Borgonovo Srl is located in a beautiful and very convenient area to be reached, in the heart of the historical region called Brianza. Located on the outskirts of a small town, Verano Brianza, Renzo Borgonovo is half-way between the beautiful Lake of Como and the metropolitan city of Milano. Due to this favorable conditions, Renzo Borgonovo Srl is very well connected to all the major airports and highways of Northern Italy. Here below just a few data about how to reach us, by plane, railway, or car.

National and International Airports nearby:

Renzo Borgonovo Srl can be easily reached by 3 major Northern Italian airports

- Milano-Malpensa (MXP) International Airport; ~ 55 km by Highway "A36" and "SS35", driving time around 40 minutes (with clear traffic conditions).
- Milano-Linate (LIN) International Airport; ~ 32 km by Highway "A51" and "SS36", driving time around 25 minutes (with clear traffic conditions).
- Milan-Bergamo Orio al Serio (BGY) International Airport; ~ 56 km by Highway "A4" and "SS36", driving time around 45 minutes (with clear traffic conditions).

Main Railway Stations nearby:

- Milano Central Station; ~ 30 km by route "Viale Fulvio Testi" and Highway "SS36", driving time around 35 minutes (with clear traffic conditions).
- Seregno Railway Station; ~ 7 km by local routes, driving time around 15 minutes (with clear traffic conditions).

How to reach us by Car

Coming from the Swiss border, take the Highway "A9" towards Milano, follow then the exit for Highway "A36" towards "SP35" (Milano/Meda) and continue on "SP35" until exit number 12 (Meda). Exit here and then follow for Verano Brianza and for via Comasina, 125, 20843 Verano Brianza (MB).

Coming from any other major Italian highway and having reached Milano, follow the signs for "SS36" towards Monza, and then Lecco. Exit at the exit "Verano Brianza" (often shortened in "Verano B.") and follow for via Comasina, 125, 20843 Verano Brianza (MB).

Interesting Points near Renzo Borgonovo Srl

As said, Renzo Borgonovo Srl is in the middle of a beautiful region for its sceneries, lakes, mountains, cities of art and history, as well as in the center of the Milano business and industrial area. Major points of interests near Verano Brianza (Renzo Borgonovo Srl) are: the Lake of Como, with the city of Como (~ 28 km) and its nearby historical villas, Lecco (~ 27 km), Bellagio (~ 42 km); the city of Monza (~ 15 km) with its park, Royal Villa, and the Italian F1 Grand Prix circuit, and obviously the city of Milano (~ 30 km) with its arts, history, science, business, and night life. From Verano Brianza and the Milano-region is also very easy to reach pretty much any major city of Northern Italy.