



Catalogue of 2024

Innovation and sustainability in service of metal surface processing





Company

SANTIOLI SRL specializes in designing, building and commissioning surface finishing lines for **stainless steel, aluminum, copper and zinc** in SHEET METAL and COILS.

Since our beginnings, the company is empowered with 20 years of experience in the machine development for leading companies in the field.

SANTIOLI POLISHING AND BRUSHING LINES are all customised, through a very accurate technical co-design, in order to offer to the customer every measure of working at high speeds, with the highest level of quality.

Innovation

**Industry 5.0
certification**

**Full
automation**

**Technology
and design
made in Italy**

**1st, 2nd and
3rd level
connectivity
systems**

**Absolute
operator
safety**

**10-year
warranty**

**After-sale
services**



About us



A factory with an area of 3200 sqm, 2500 sqm of which are intended for the assembly workshop, loading and unloading zone.
Other 700 sqm are dedicated for the customer relationship and engineering department offices.

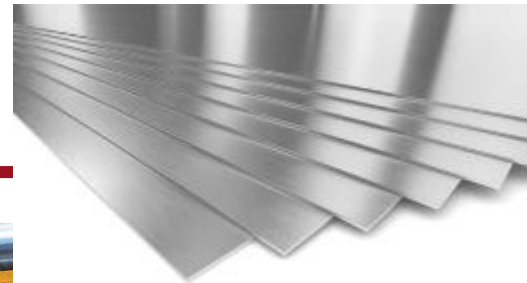
Santioli company was inspired by Nazzareno Santioli who worked in one of the leading company in Switzerland, for manufacturing of the machinery for metal finishing.

With twenty years of experience, he decided to establish the factory in Italy, Tuscany, in his hometown, and to start a manufacturing business of metal polishing and brushing machinery, while combining **Swiss quality with Italian creativity and innovation.**





Grinding and brushing SHEET-TO-SHEET LINE

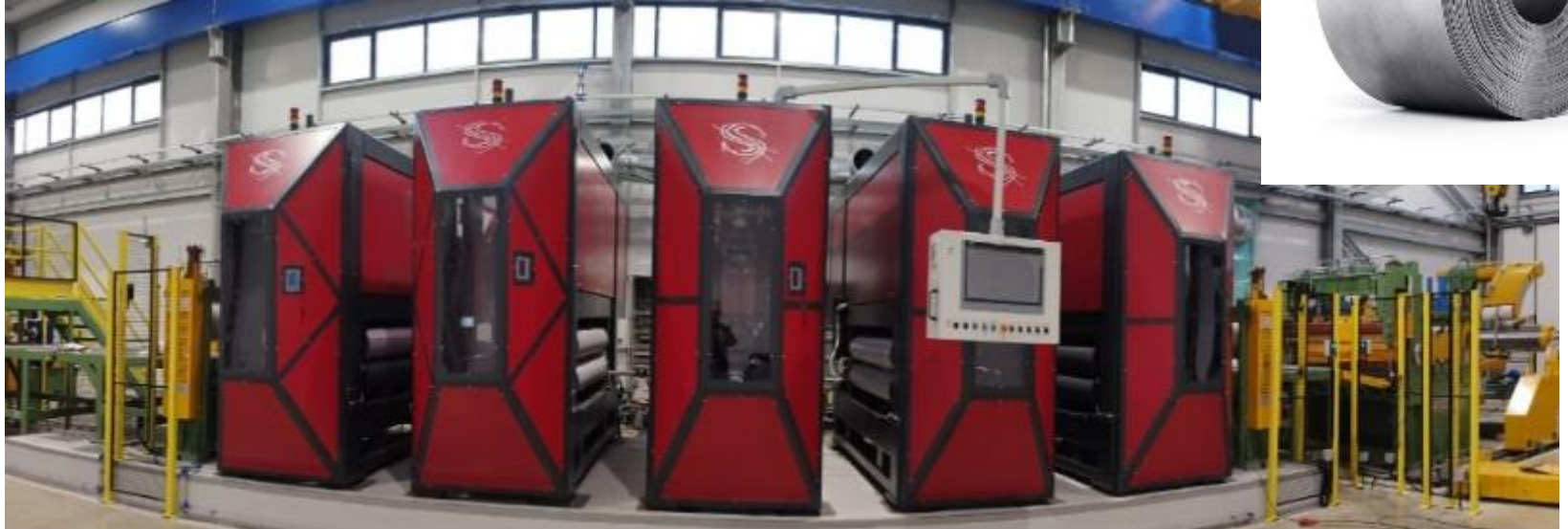


Stainless steel sheets:
thickness 0,6 – 40 mm;
width max 2.000 mm;
length max 12.000 mm.

Aluminum sheets:
thickness 0,6 – 500 mm;
width max 2.200 mm;
length max 12.000 mm.



Grinding and brushing COIL-TO-COIL LINE

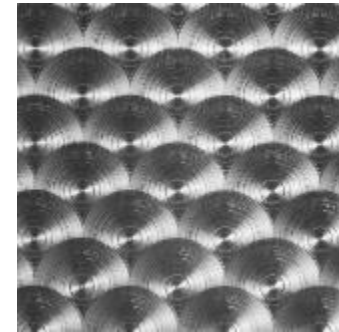
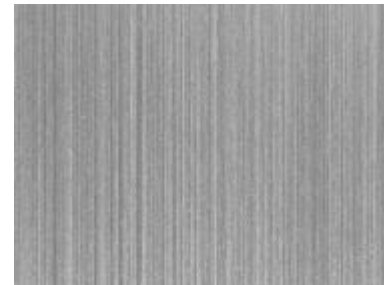
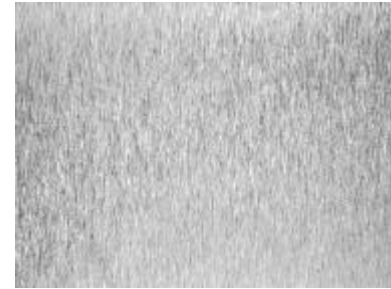
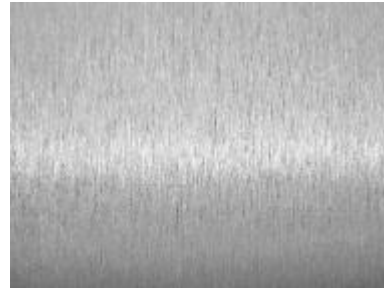


Stainless steel coils:
thickness 0,6 – 5 mm;
width max 2.000 mm.



Mechanical surface finishing

- **No. 3 or No. 4**
- **No. 5**
- **No. 6 or No. 7**
- **No. 8 a true MIRROR finish**
- **Hairline finish**
- **DUPLO finish**
- **Microlon finish**
- **Scotch-Bright**
- **Many others**





PHOENIX SERIES

Power, strength and grinding for heavy materials

TYPE OF MODULE	1 head modular
WORKING WIDTH	800-2200 mm
TICKNESS	0,8 – 40 mm
MAX SPEED FOR SHEETS	35 mt/min
MAX SPEED FOR COILS	100 mt/min
PNEUMATIC PLATE	Line bar 8
ESTIMATED TIME FOR AUTOMATIC BRUSH CHANGE	2 min
ESTIMATED TIME FOR AUTOMATIC BELT CHANGE	2 min
LENGTH OF BELT	2800 mm
MAX POWER FOR BRUSHING HEAD	55 kW
MAX POWER FOR POLISHING HEAD	120 kW
ELECTRIC SYSTEM	Independent electric panel 400 V 50 Hz
CONTROL PANEL TOUCH	22"



SAGITTA SERIES

Speed, quality, automation

TYPE OF MODULE	1 heads modular
WORKING WIDTH	800-2000 mm
TICKNESS	0,6-10 mm
MAX SPEED FOR SHEETS	35 mt/min
MAX SPEED FOR COILS	100 mt/min
PNEUMATIC PLATE	Line bar 8
ESTIMATED TIME FOR AUTOMATIC BRUSH CHANGE	2 min
ESTIMATED TIME FOR AUTOMATIC BELT CHANGE	2 min
LENGTH OF BELT	2800 mm
MAX POWER FOR BRUSHING HEAD	30 kW
MAX POWER FOR POLISHING HEAD	90 kW
ELECTRIC SYSTEM	Independent electric panel 400 V 50 Hz
CONTROL PANEL TOUCH	22''



NEW CERBERUS SERIES

Compact and fast but always high quality

TYPE OF MODULE	3/4 heads compact
WORKING WIDTH	650 – 1600 mm
TICKNESS	0,6-6 mm
MAX SPEED FOR SHEETS	35 mt/min
MAX SPEED FOR COILS	100 mt/m
PNEUMATIC PLATE	PRESSION LINE BAR 5
ESTIMATED TIME FOR AUTOMATIC BRUSH CHANGE	2 min
ESTIMATED TIME FOR AUTOMATIC BELT CHANGE	2 min
LENGTH OF BELT	2800 mm
MAX POWER BRUSH HEAD	22 kW
MAX POWER POLISHING HEAD	30 kW
MAX TOTAL POWER FOR 3 POLISHING HEADS	100 kW
MAX TOTAL POWER FOR 3 BRUSHING HEADS	70 kW
ELECTRIC SYSTEM	On board machine 400 V 50 Hz
CONTROL PANEL TOUCH	17"



NEW AIRES SERIES

Compact fast all material

TYPE OF MODULE	3 heads compact
WORKING WIDTH	650
TICKNESS	0,5 – 150 mm
MAX SPEED FOR SHEETS	25 mt/min
MAX SPEED FOR COILS	100 mt/min
PNEUMATIC PLATE	PRESSION LINE BAR 6
ESTIMATED TIME FOR AUTOMATIC BRUSH CHANGE	2 min
ESTIMATED TIME FOR AUTOMATIC BELT CHANGE	2 min
LENGTH OF BELT	2800 mm
MAX POWER BRUSH HEAD	11 Kw
MAX POWER POLISHING HEAD	11 Kw
MAX TOTAL POWER FOR 3 POLISHING HEADS	33 Kw
MAX TOTAL POWER FOR 3 BRUSHING HEADS	33 Kw
ELECTRIC SYSTEM	On board machine 400 V 50 Hz
CONTROL PANEL TOUCH	10''



VIDEO

links

Belt change new Santioli line

https://www.youtube.com/watch?v=e6T_okI3drl

Brush change new Santioli line

<https://www.youtube.com/watch?v=fblF3WXmyp0>

Laser laminator cut

<https://www.youtube.com/watch?v=jFSyga5s71c>

Sheet line SAGITTA series

<https://www.youtube.com/watch?v=5E4Agn-oKeo>



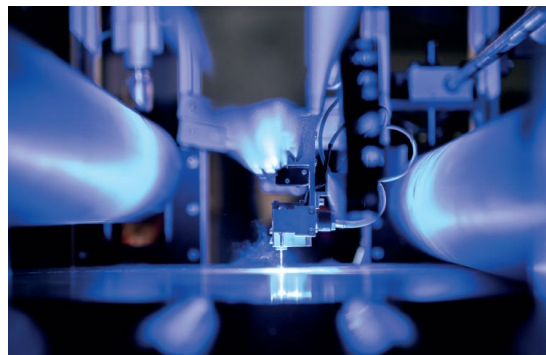
SOWFTWARE AND PROGRAMMING

LEARNING RECIPES	SELECTION OF EACH RECIPE PER CUSTOMER PRE-PROGRAMMED
PANEL WITH OPERATOR RECOGNITION AND PRE-SETTING	THE PANEL THROUGH THE ACCOUNT FOR RECOGNIZING THE OPERATOR AND HIS WORK SETTING
SIMPLE DESIGN TO VIEW THE PROCESSING OF THE COILS OR SHEET METAL	INTUITIVE INTERFACE FOR THE OPERATOR
REMOTE CONTROL FOR REMOTE ASSISTANCE	SANTIOLI WILL BE ABLE TO CONNECT FOR MAINTENANCE SYSTEMS AND OPERATOR SUPPORT IN REMOTE ASSISTANCE
SENDING OF DATA TO THE COMPANY'S MANAGEMENT PROGRAMM	THE DATA WILL BE SAVED EVERY 5 MINUTES WITH A NEW SETTING TO ENSURE THAT THE STORAGE OF THE WORK IS COMPLETE IN EVERY PHASE



ACCESSORIES

Laser laminator ALTAIR





ACCESSORIES

Laser laminator ALTAIR

INNOVATION	Laser cutting
SIZE CUT	0
ADVANTAGE	No stop machine, no film residues, more speed
WORKING WIDTH	2200 mm
TICKNESS	0,5-40 mm
MAX SPEED	35 mt
ELECTRIC SYSTEM	On board machine 400 V 50 Hz
MAX TOTAL POWER	9 kW
PANEL CONTROL	10''



ACCESSORIES

Uploading and unloading systems





ACCESSORIES

Uncoilers



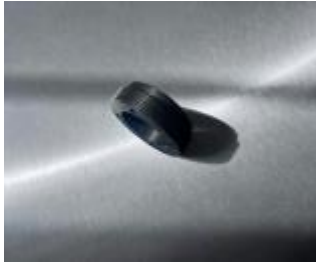
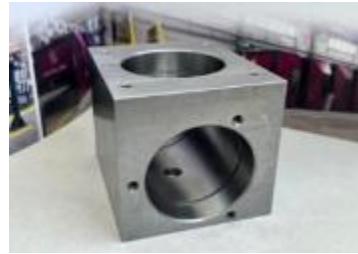


References





Additional services: mechanical workshop and industrial assembly for third parties



The mechanical workshop, within the company, allows us to directly manage the creation of mechanical components, based on the data processed during the design phase and transmitted directly to the CNC machine tools.

Industrial assembly for third parties allows industries to save on the huge costs due to the creation of internal assembly lines, especially in the presence of sudden peaks in productivity and urgent changes in orders.



THANK YOU !



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