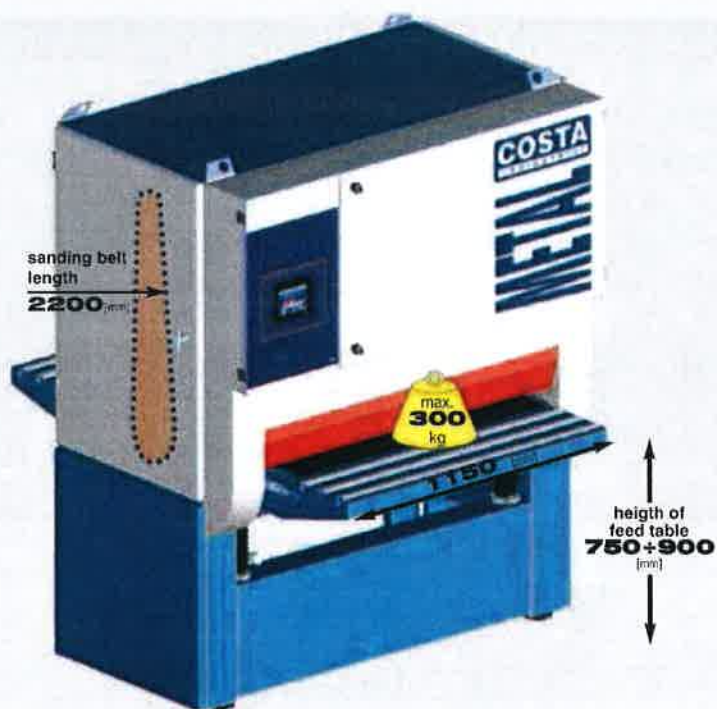


SERIE  
**MD**

UNIVERSAL MACHINES for  
**Deburring & Polishing**



metal MD EN



Universal working center for deburring and finishing ferrous and non ferrous materials. These machines are available with variable height, working width of 1150mm, and can process heavy parts of weight up to 300 Kg.

The machine utilizes 2200mm long sanding belts.

Thanks to our modular concept, it is possible to build a custom "working center" by inserting the proper working units required for each application.

The frame is engineered to hold 2-3 internal working units, and one auxiliary unit.

The high rigidity of the frame and feed of this machine - combined with the advanced mechanics and electronic features - make of this series a universal working center for deburring and finishing.



top machine available from 2 to 3 working units



working units suitable for installation in any position inside the machine frame



C20

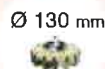
cylinder unit



SB18



SB18



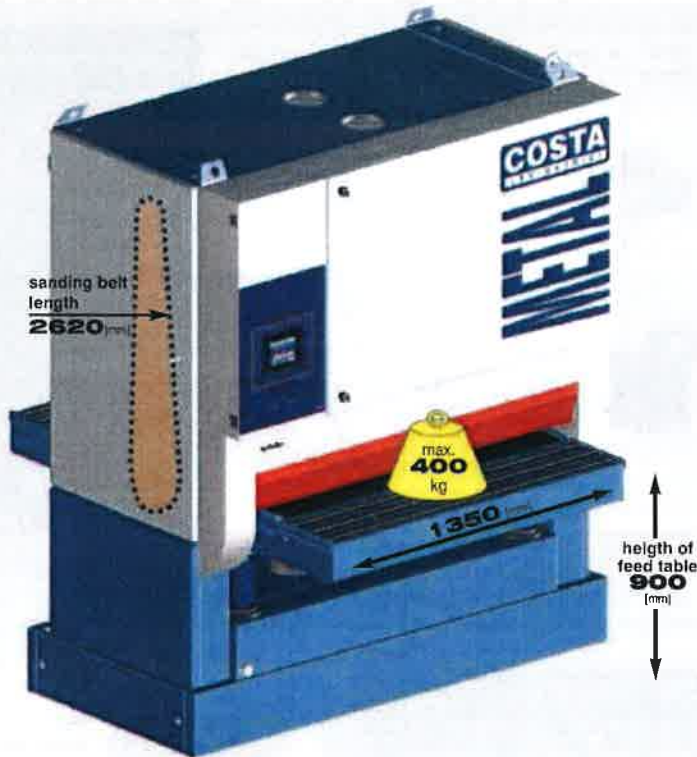
XVS130



SR

blowers

brush units



Universal working center for deburring and finishing ferrous and non ferrous materials.

These machines are available with constant feed height for in-line operation, and to simplify the processing of large parts. They are available with a working width of 1350mm, and can process parts of weight up to 400 Kg.

The machines utilizes 2620mm long abrasive belts that guarantee longer life and a consistent finishing, reducing the consumable costs.

Thanks to our modular concept, it is possible to build a custom "working center" by inserting the proper working units required for each application.

The frame is engineered to hold 2-3 internal working units, and one auxiliary unit.

The high rigidity of the frame and feed of this machine - combined with the advanced mechanics and electronic features - make of this series a universal working center for deburring and finishing.



top machine available  
from 2 to 3 working  
units



**working units** suitable for installation in any position inside the machine frame



C20

**cylinder unit**



CA16 - CA32

**pad units**



SB18



S18

**brush units**



XVS130



SR

**blowers**

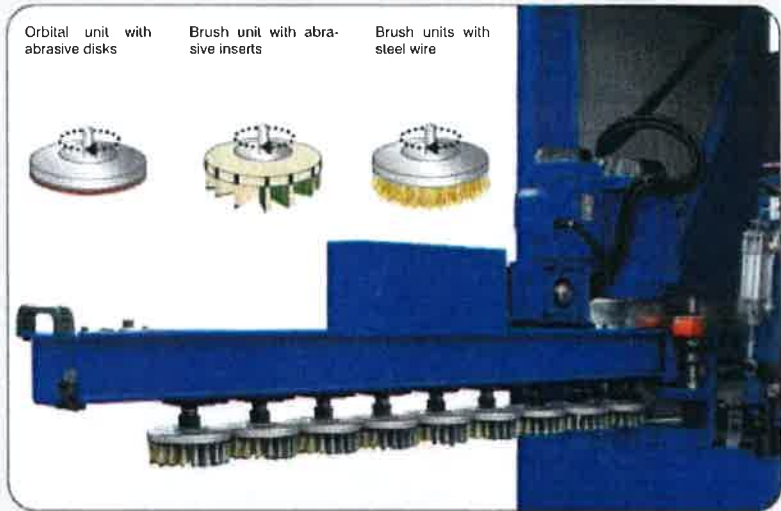




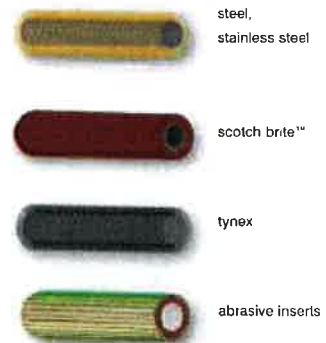
## standard & optional features



Cylinder unit - Pneumatic Grit-set with 6 position revolver to quickly compensate the thickness difference of the various types of abrasive belts.



The XVS unit is completely extractable, for quick and easy change of the brush tools. The XVS utilizes readily available, low-cost, brushes as well as more specific brush tools with different materials and diameters for special utilizations.



Longitudinal brush unit Ø 180 mm with height adjustment and mechanical thickness read-out. Lateral brush oscillation system. Our brushes are available in various materials: steel, stainless steel, scotch brite™, and many other.

Sanding belt tracking photocell.



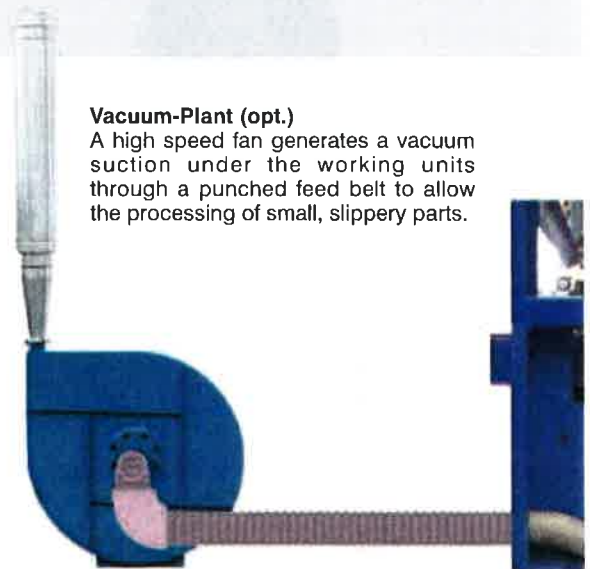
**Air jet blowers (opt.)**

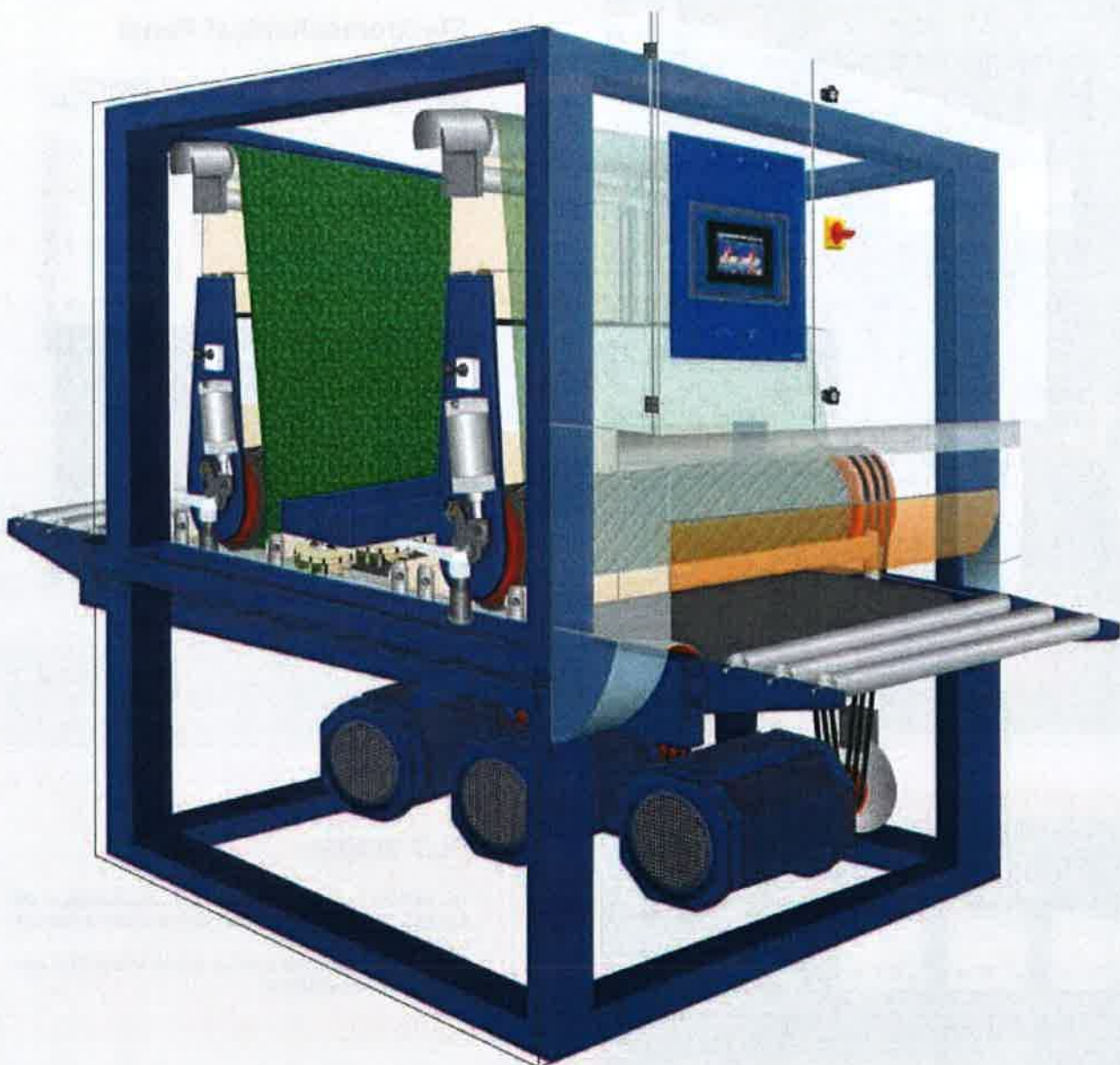
Oscillating jet blowers for an efficient cleaning of sanding belts, they activate only when the workpiece is being processed.



**Vacuum-Plant (opt.)**

A high speed fan generates a vacuum suction under the working units through a punched feed belt to allow the processing of small, slippery parts.

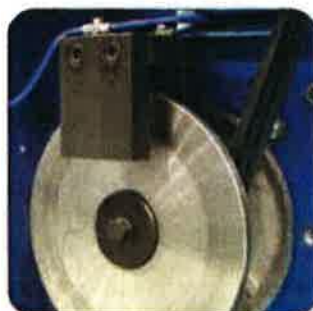




Infeed and outfeed table extensions to ease the loading-unloading of workpieces.

Each working unit motor is equipped with a disk brake to allow the machine to stop in a few seconds in the case of emergency.

Double pressure rollers with micrometric precision adjustment mounted in the front and rear of each working unit.





## control panel



### Electromechanical Panel

Intuitive and complete control panel, equipped with diagnostic leds to signal faults and emergencies.

Digital thickness display.



### PLC VISION

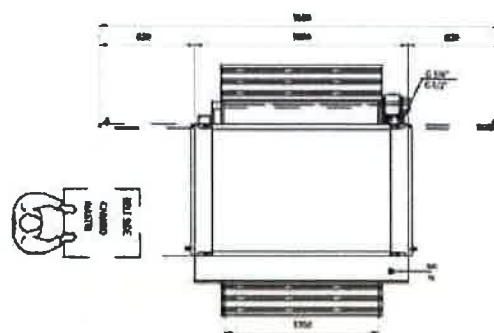
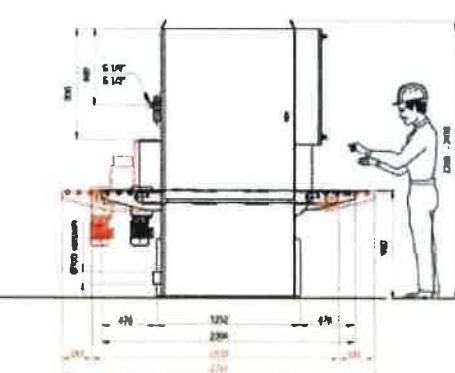
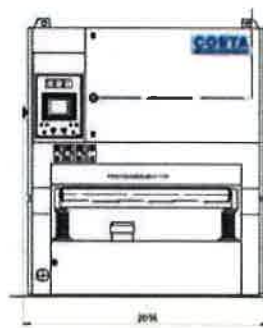
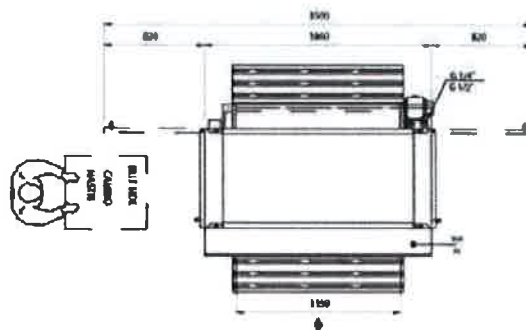
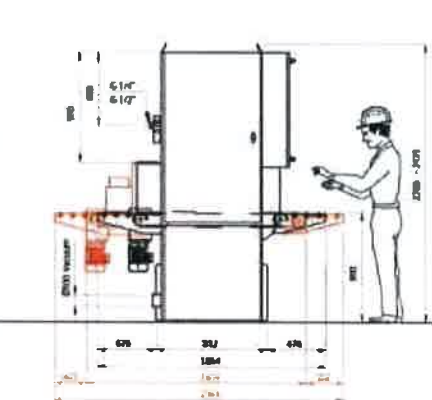
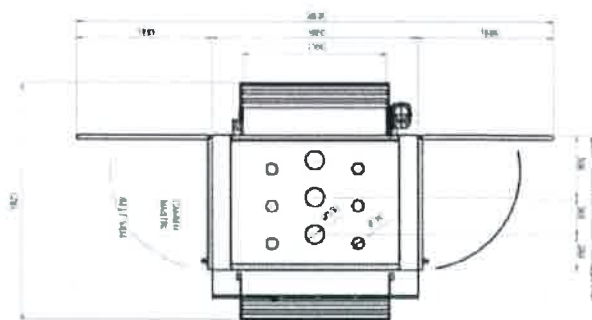
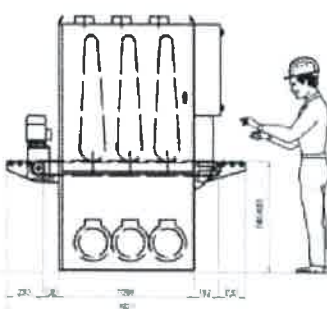
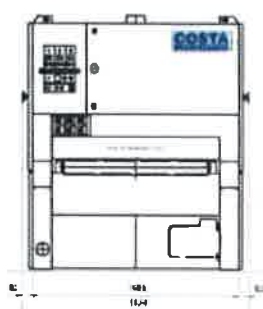
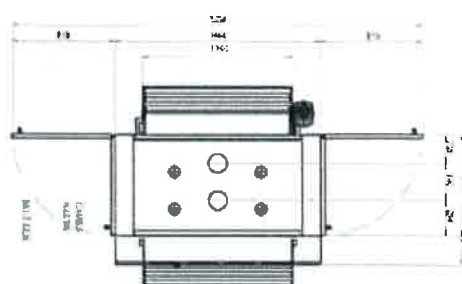
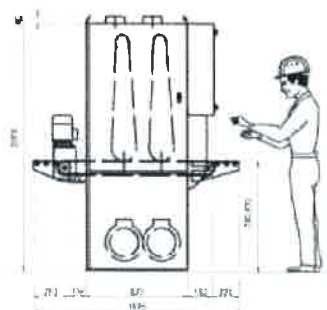
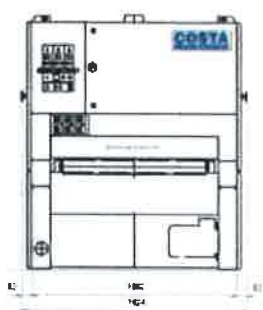
The VISION PLC panel enables the visualization of the actual setup data and the machine operations through a touch-screen monitor. All working programs can be stored in the PLC memory for future utilization.



### Power Savings Features

The power-saving features (standard), allow the use of the machine with the maximum efficiency, and respect of the environment.







## available versions

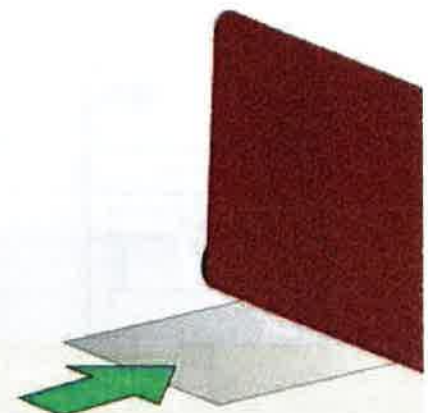
Deburring of  
using a mac



Deburring and edge  
using a ma

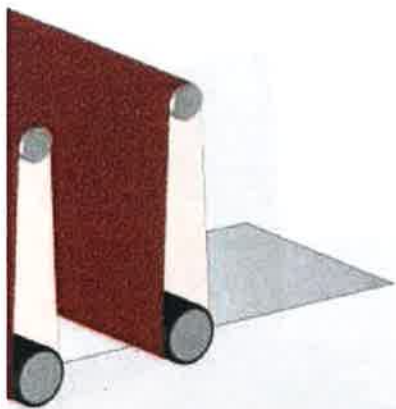


Deburring and edge rou  
using a r

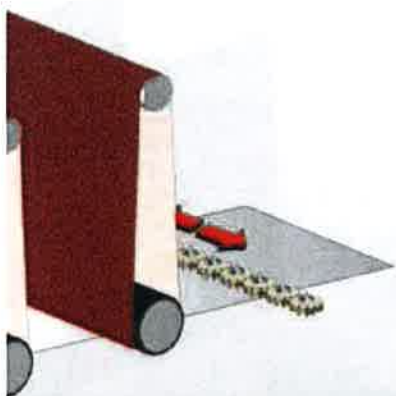




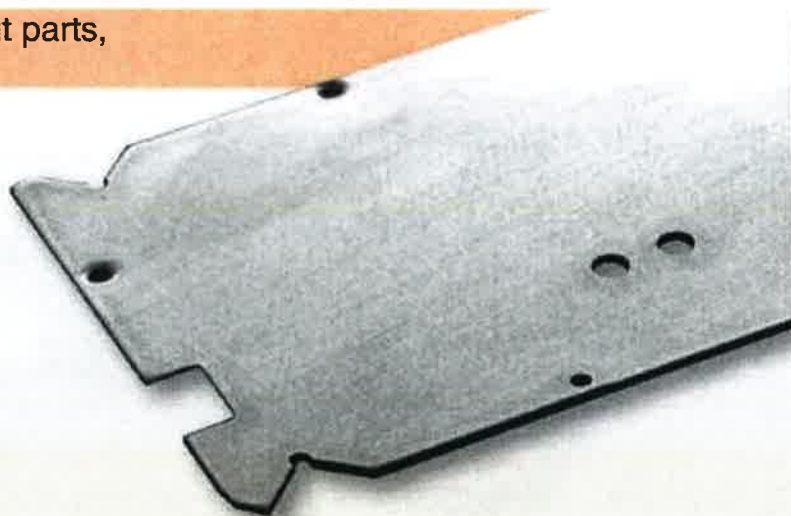
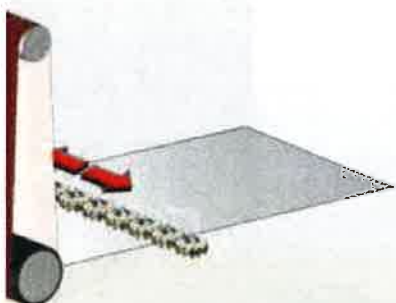
oxiflame, plasma-cut parts,  
chine in configuration "CC"



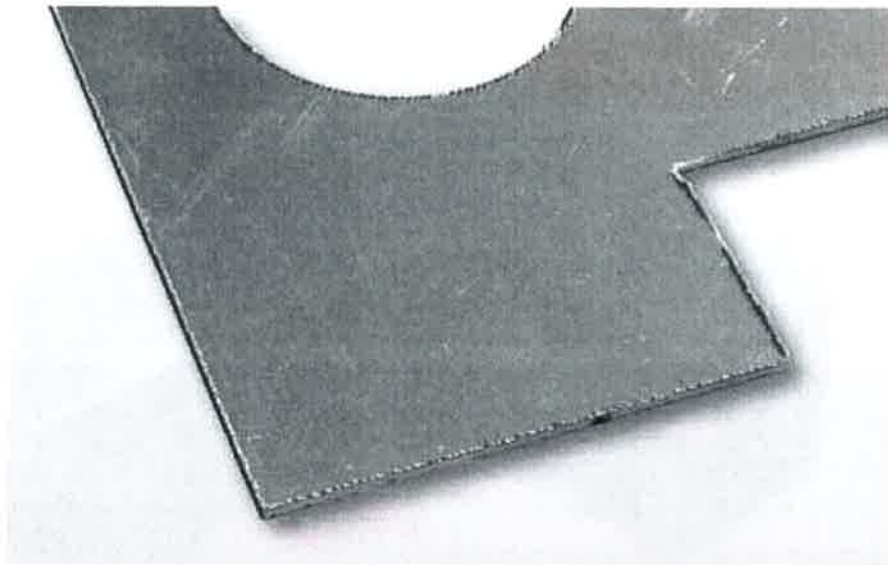
rounding of oxiflame, plasma-cut parts,  
chine in configuration "CCV"



rounding of punched, sheared, or laser-cut parts,  
chine in configuration "CV"



## available versions



Deburring, edge rounding and  
parts, using a machine



Deburring and polishing (cosme  
using a

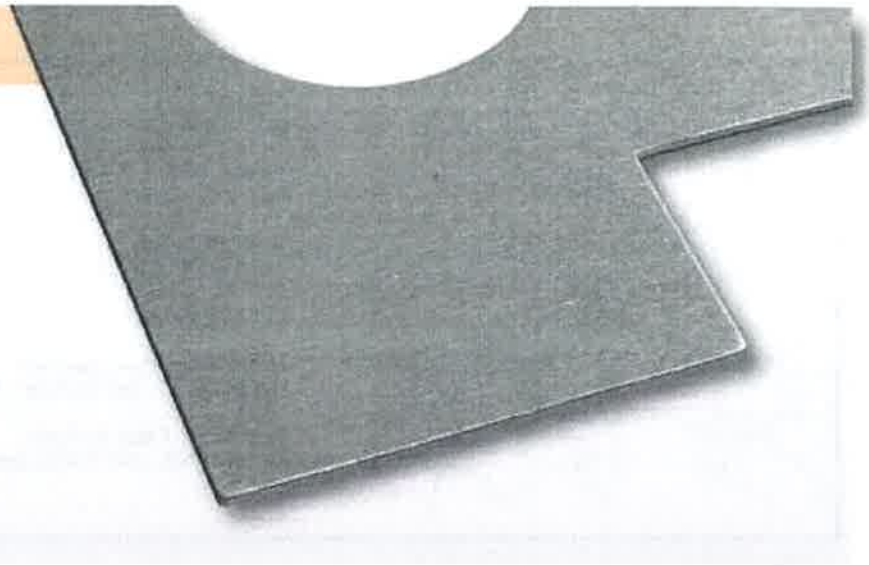
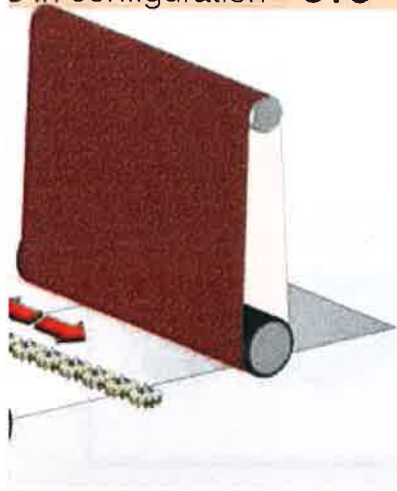


Deburring and polishing (cosme  
for Duplo finish and/or Sc

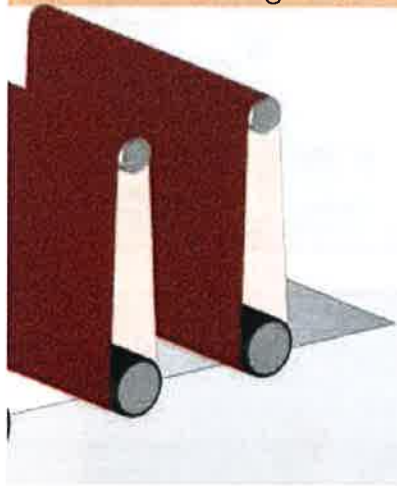




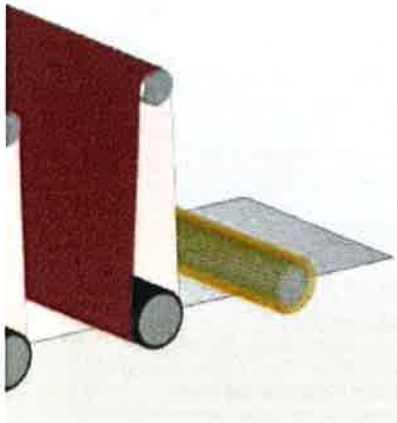
of laser-cut, punched, or sheared  
e in configuration **"CVC"**



etic grinding) hot/cold rolled stainless steel, or aluminum,  
machine in configuration **"CCC"**



tic grinding) of hot/cold rolled stainless steel, or aluminum,  
otch-Brite <sup>™</sup>, using a machine in configuration **CCS**



# Location - Italy - Veneto



## Airports

Venezia: 90 Km - 1h drive  
Treviso: 75 Km - 1,5 h drive  
Verona: 65 Km - 45 min drive  
Bologna: 160 Km - 2h drive

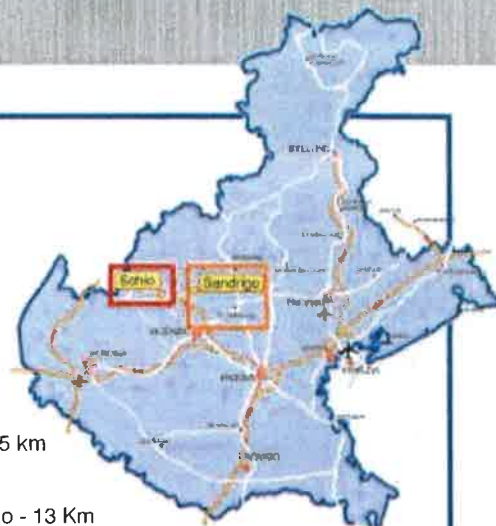
## Train Station

Vicenza: 30 km - 30 min drive

## Car Directions

To the Factories in Sandrigo  
Highway A31 - Exit Dueville - 3,5 km

To the Main Office in Schio  
Highway A31 - Exit Thiene-Schio - 13 Km



**Headquarter of Schio**

Via Venezia, 144  
36015 Schio



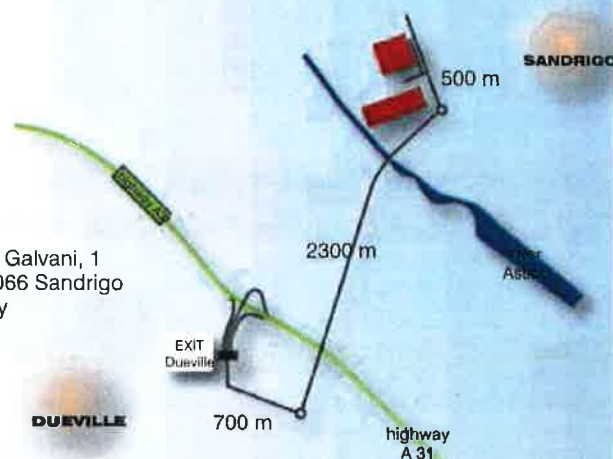
**Factory of Sandrigo 2**

Via G. Galilei, 5  
36066 Sandrigo  
Italy



**Factory of Sandrigo 3**

Via Galvani, 1  
36066 Sandrigo  
Italy



We reserve the right to change features without any notice



**COSTA LEVIGATRICI S.p.A.**  
Via Venezia, 144 - 36015 Schio (VI) Italy  
Tel. (+39)0445-675000 - Fax (+39)0445-675110  
[www.costalev.com](http://www.costalev.com) - [info@costalev.com](mailto:info@costalev.com)