

SERIE **MD4**

UNIVERSAL
DEBURRING POLISHING MACHINES



metal

MD

EN

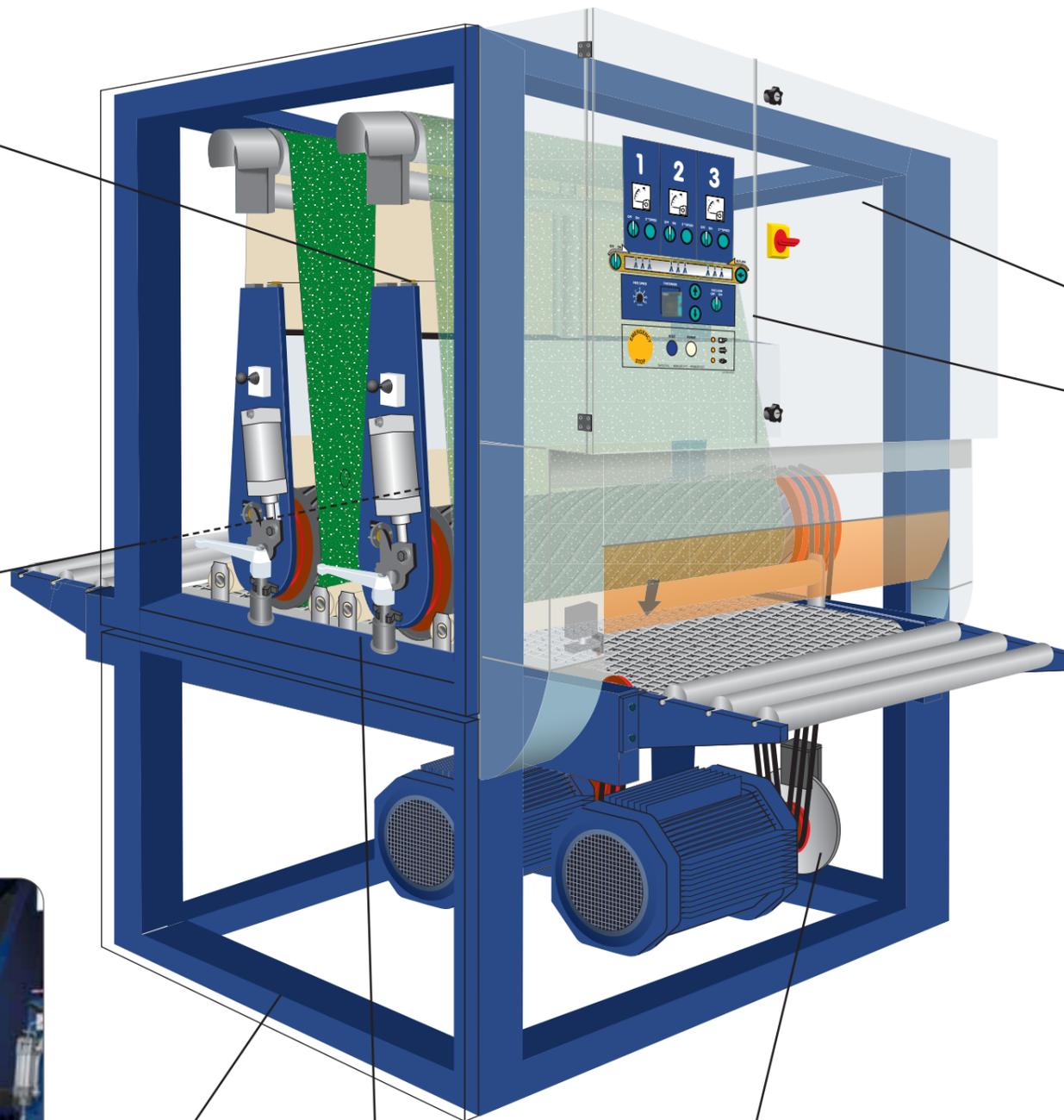
Series MD4 - Standard Features



Sanding belt tracking photocell controlled.



Cylinder unit equipped with 6 position Grit-set selector, revolver-type, for easily switching abrasive grit sequence, pneumatically activated.



Mono-block frame built in stabilized steel, to secure rigidity and lasting of machine geometries, especially important in heavy utilization (in relation to the power available).

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

Vacuum-driven hold-down system ideal for processing small / slippery workpieces. It requires a connection to an adequately sized dust extraction system.



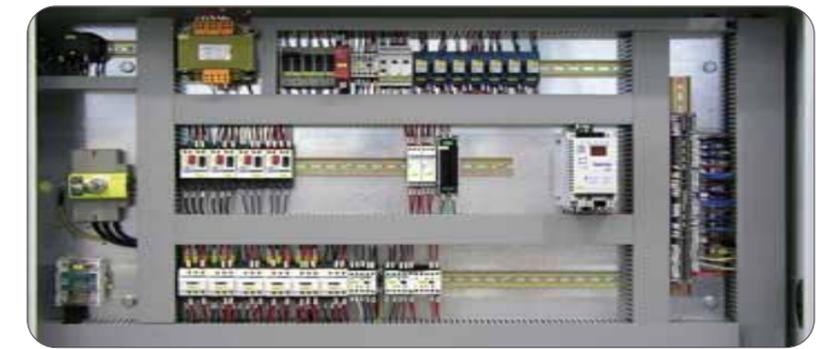
The XVS unit is completely extractable, for quick and easy change of the brush tools. The XVS utilizes readily available, low-cost, brushes as well as more specific brush tools with different materials and diameters for special utilization.



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



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



Electric plant CE certified, built with high quality components of primary brands, coded connections and electrical diagrams provided in the instruction book.



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



The PLC panel VISION (optional) enables the visualization in a touch-screen monitor of the actual setup data and operation of the machine, and to store many complete working programmes.

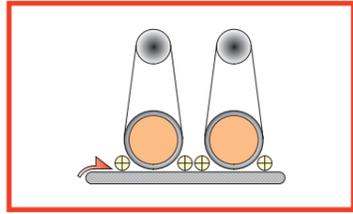
The machine can be easily inspected during operation thanks to the transparent door and inside LED light (optionals).



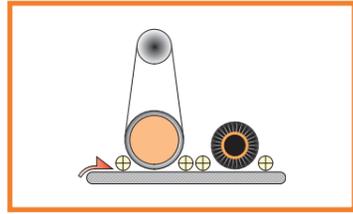
Infeed and outfeed table extensions to make easier the loading-unloading of workpieces.

Examples of working cycles on machines equipped with 2 working units

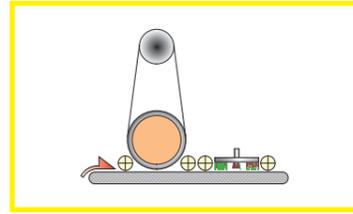
Examples of working cycles on machines equipped with 3 working units



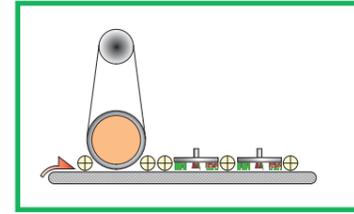
Deburring cycle for oxy-flame and plasma cut pieces with MD4 CC



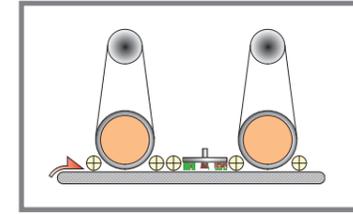
Deburring cycle for laser cut pieces with MD4 CS



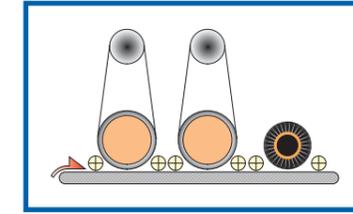
Deburring cycle for laser cut pieces with MD4 CV



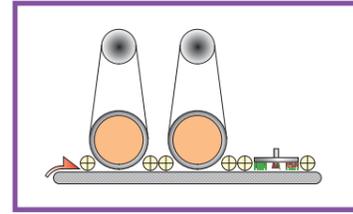
Deburring, oxide removal & edge rounding of laser cut with MD4 CVV



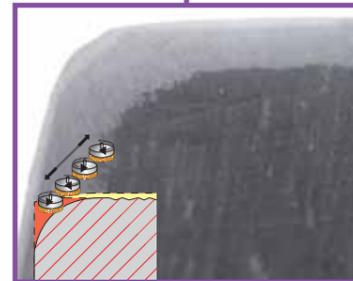
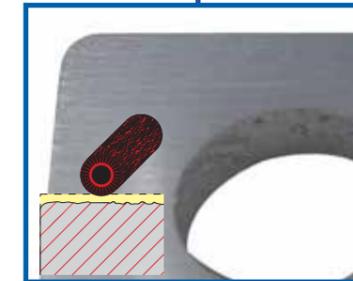
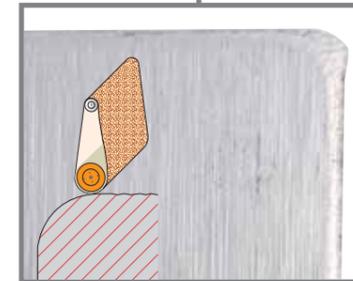
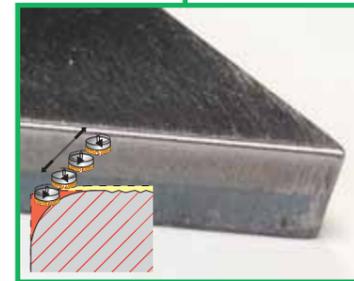
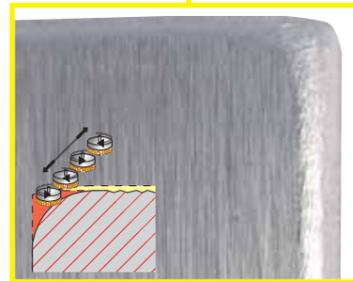
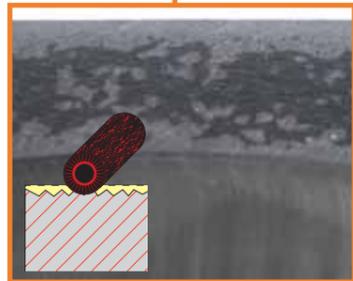
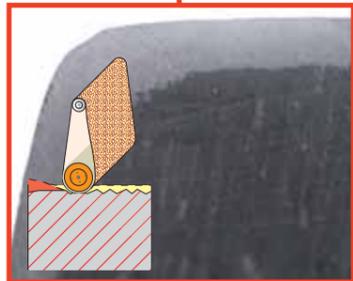
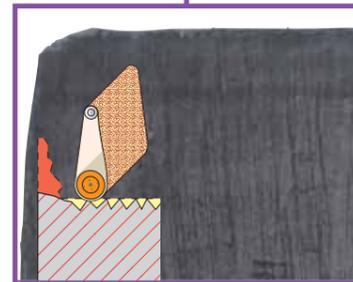
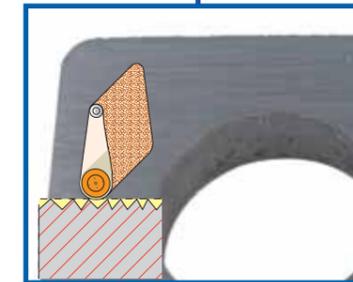
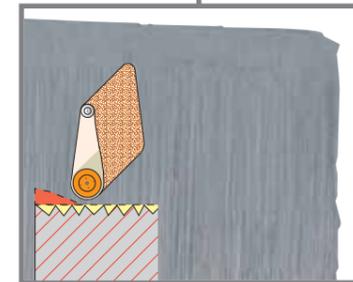
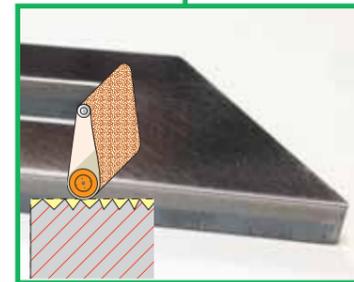
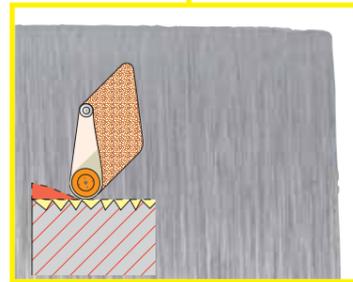
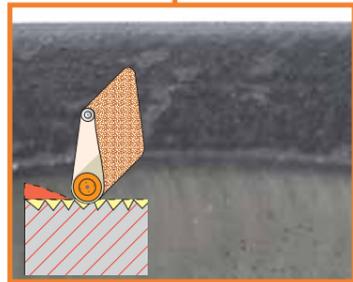
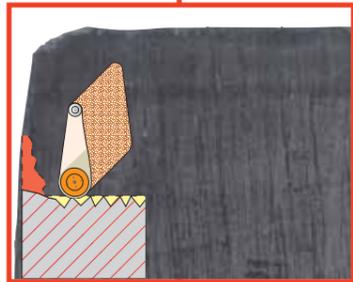
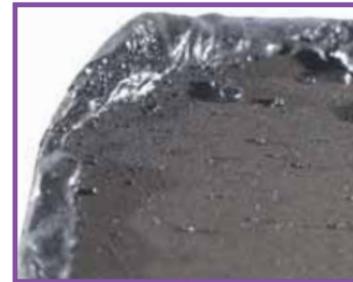
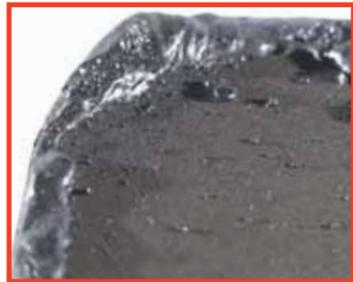
Polishing cycle for stainless steel and aluminium with MD4 CVC



Deburring + polishing cycle for laser cut pieces with MD4 CCS



Deburring cycle for punched pieces with MD4 CCV



Series MD4 with 2 working units

Series MD4 with 3 working units



MD4 CC 1150

Deburring Polishing Machines with:
two longitudinal abrasive belt working units.

TECHNICAL DATA		MD4 CC	MD4 CS	MD4 CV
Working width	mm	1150	1150	1150
Working thickness min/max	mm	0,8÷150	0,8 ÷150	0,8 ÷150
Feed speed	m/min	3÷18	3÷18	1÷15
Feed motor	kW	1,1	1,1	1,1
Sanding belt dimensions	mm	2200 x 1180	2200 x 1180	2200 x 1180
Compressed air requirement (6 bar)	NI/min	50	25	25
Air volume required (24 m/s)	m ³ /h	3050	3050	3050
Gross weight	Kg	1800	1700	1800

TECHNICAL DATA		MD4 CCC	MD4 CVC	MD4 CCS	MD4 CCV
Working width	mm	1150	1150	1150	1150
Working thickness min/max	mm	0,8÷150	0,8÷150	0,8÷150	0,8÷150
Feed speed	m/min	3÷18	1÷15	3÷18	3÷18
Feed motor	kW	1,1	1,1	1,1	1,1
Sanding belt dimensions	mm	2200x1180	2200x1180	2200 x 1180	2200 x 1180
Compressed air requirement (6 bar)	NI/min	75	50	50	25
Air volume required (24 m/s)	m ³ /h	4570	4570	4570	4570
Gross weight	Kg	2300	2300	2250	2300



MD4 CVV 1150

Deburring Polishing Machines with:
one longitudinal abrasive belt working unit and,
two multifunction units with vertical brushes.



MD4 CVC 1150

Deburring Polishing Machines with:
two longitudinal abrasive belt working units and,
one multifunction unit with vertical brushes.



MD4 CS 1150

Deburring Polishing Machines with:
one longitudinal abrasive belt working unit and,
one stainless steel or Scotch-Brite™ brush.



MD4 CV 1150

Deburring Polishing Machines with:
one longitudinal abrasive belt working unit and,
one multifunction unit with vertical brushes.



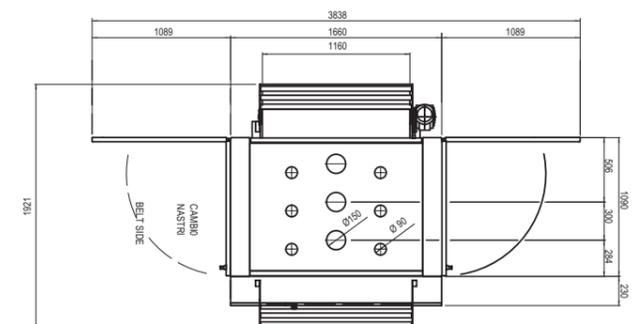
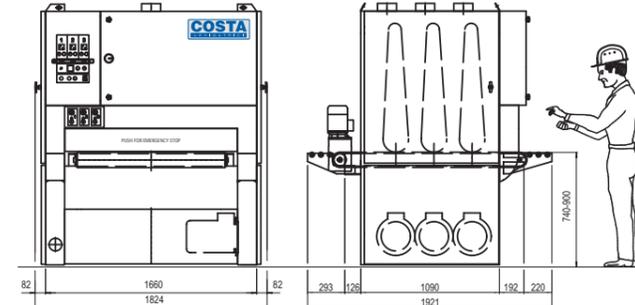
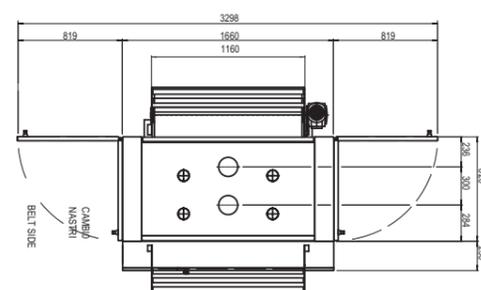
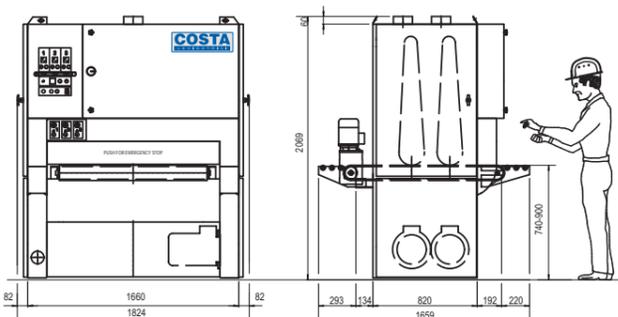
MD4 CCS 1150

Deburring Polishing Machines with:
two longitudinal abrasive belt working units and,
one stainless steel or Scotch-Brite™ brush.



MD4 CCV 1150

Deburring Polishing Machines with:
two longitudinal abrasive belt working units and,
one multifunction unit with vertical brushes.



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

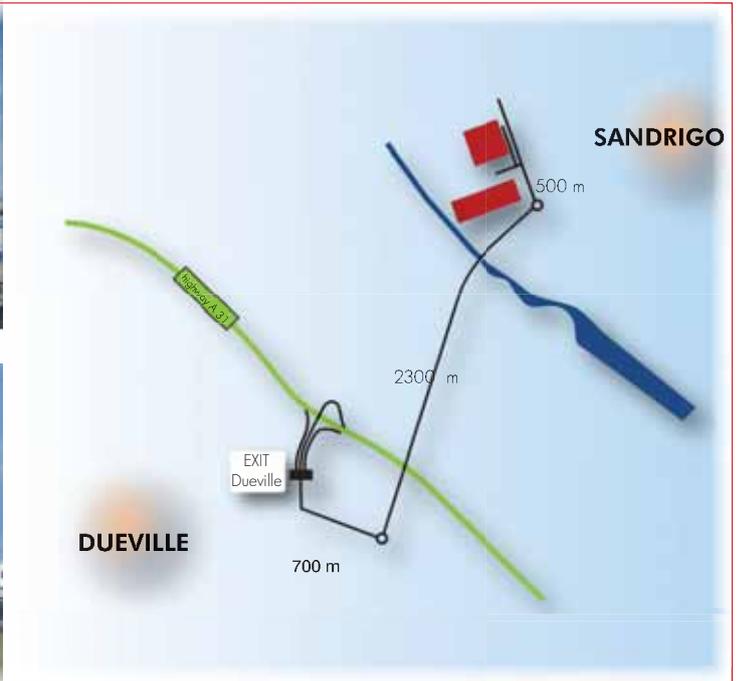
To the Main Office in Schio
 Highway A31 - Exit Thiene-Schio - 13 Km



Headquarter of Schio Via Venezia, 144 - 36015 Schio



Factory of Sandrigo 2 / Sandrigo3 Via G.Galilei, 5 / Via Galvani, 3-5 - 36066 Sandrigo



We reserve the right to change features without any notice



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