

ACC. 008

CNC dresser group (axis C) The unit is mounted on the table and has fully independent rotating movement. It is has a.c.brushless motor axis controlled by encoders. This accessory is composed by:

1. Mechanical group third axis
2. Applied Software

Wheel geometry definition through macro instructions given by images.

Dressing cycle definition with automatic optimization of the grinding path and clearance of wheel-diamond angle of incidence for the forming and profiling phases.

Part-program generation.

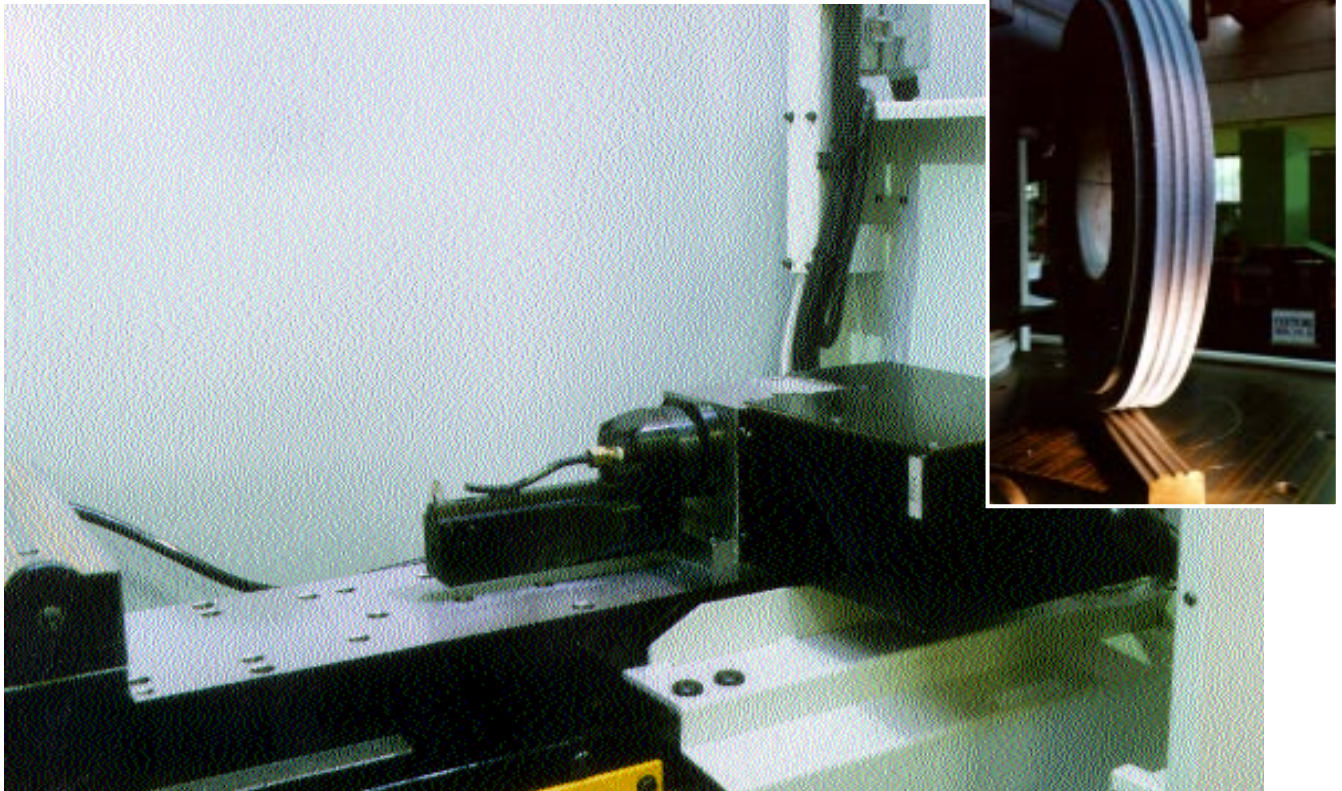
3. Personal Computer

Accessory mounted on machines without dresser fixed on crossbeam

Accessory mounted on machines with dresser fixed on crossbeam

This accessory is reducing the grinding length capacity of: 300 mm for MA and 500 mm for MB, MC, MD, ME, MF

* For MA - MB - MC - MD - ME - MF CNC version.



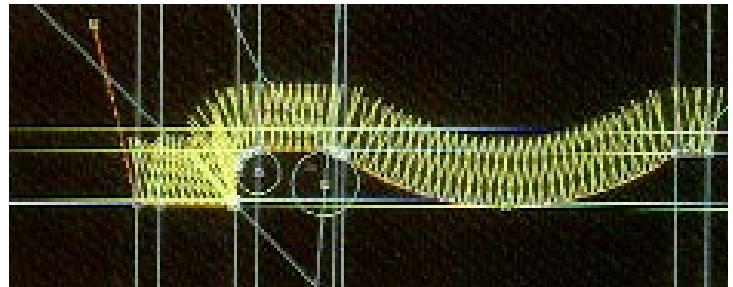
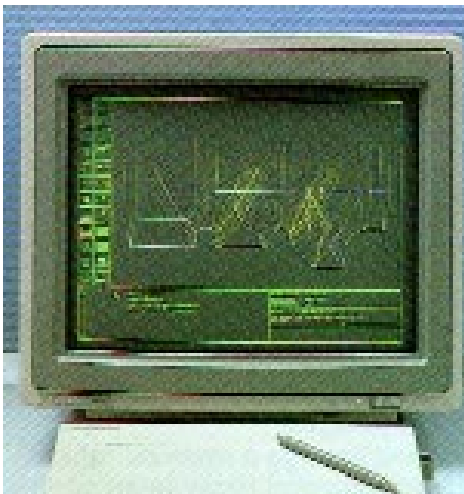
OPT. 008



CNC machines (option) Easy Mechanical work, Interactive graphic system supplied with the profiling dressing unit previously described.

Wheel geometry definition through macro instructions given by images.

Dressing cycles definition with automatic optimization of the grinding path and clearance of wheel-diamond incidence angle for the forming and profiling phases.

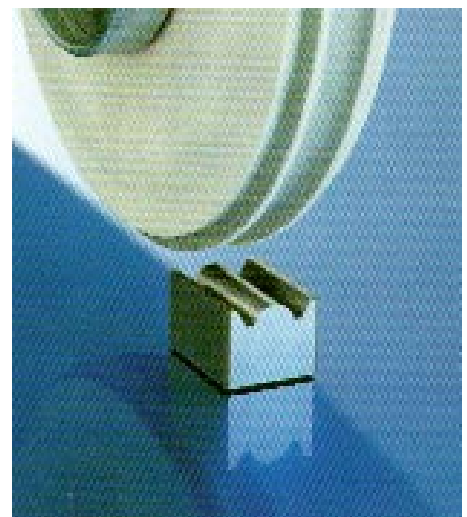


Wheel profile result and relevant ground workpieces.

Part-program written in ISO format and transferred to the control unit by means of serial port.



```
%SPF 850
(Profile for PEUGEOT)
G16 Y Z
G G90 Y0 Z0 G42
G62 G1 G91 Y-1.9 Z-0.335
G62 G1 G91 Y-0.043 Z-0.185 C0.6
G62 G1 G91 Y-1.221 Z-1.27
G62 G1 G91 Y-2.177 Z-0.926 C3.02
G62 G1 G91 Y-2.64 Z-0
G62 G1 G91 Y-2.177 Z-0.926 C3.02
G62 G1 G91 Y-1.221 Z-1.27
G62 G3 G91 Y-0.433 Z0.185 C0.6
G62 G1 G91 Y-0.08 Z0
G62 G3 G91 Y-0.433 Z-0.185 C0.6
G62 G1 G91 Y-1.305 Z-1.363
G62 G2 G91 Y-4.358 Z-0.006 C3.02
G0 G90 Y0 Z0
M17
```



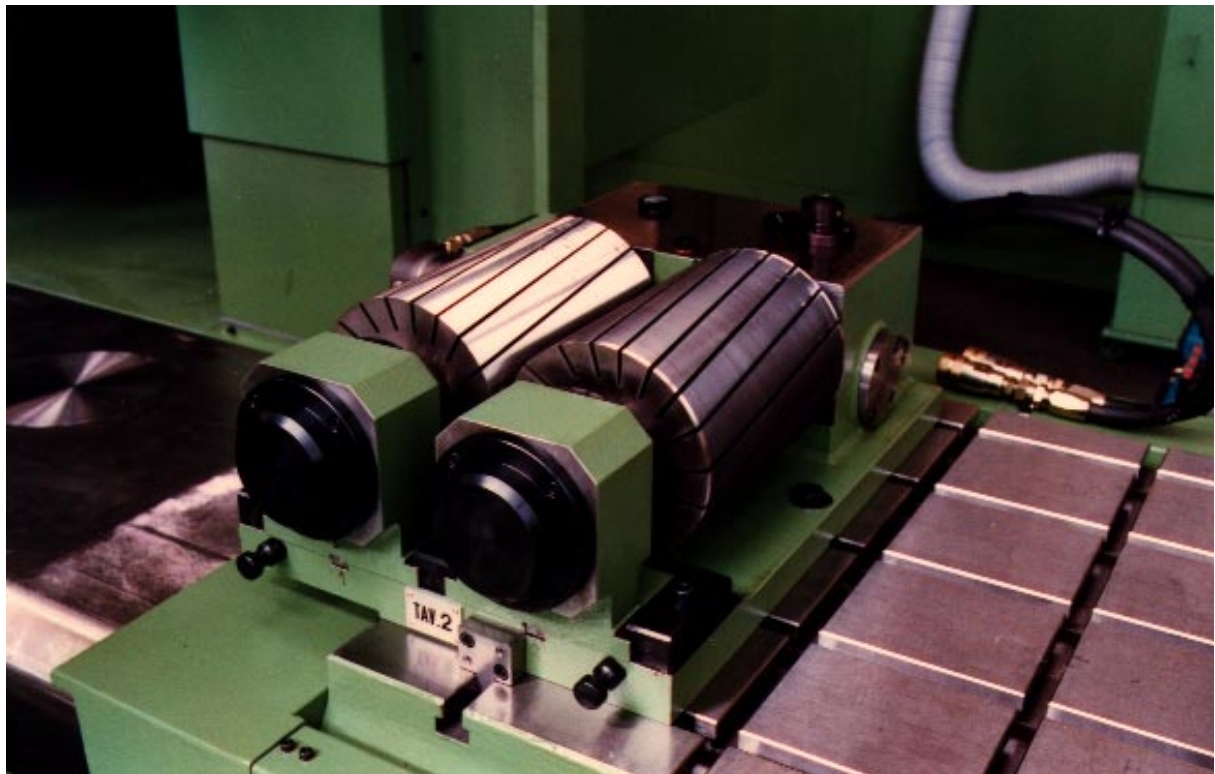
ACC. 010

Crushing wheeldressing attachment. The unit is complete with 2 rolls, one of which runs free and the other one is provided with it's own hydraulic drive system. Both roll sleeves are mounted on pre-loaded spindle ball bearings.

Max diam. 150 mm, bore 52 mm, width 102 mm (Wider sizes on special execution). The unit includes a special device for driving the wheel spindle at very low speed with hydraulic motor and reduction unit to provide adequate torque.

This accessory is reducing the grinding length capacity of 500

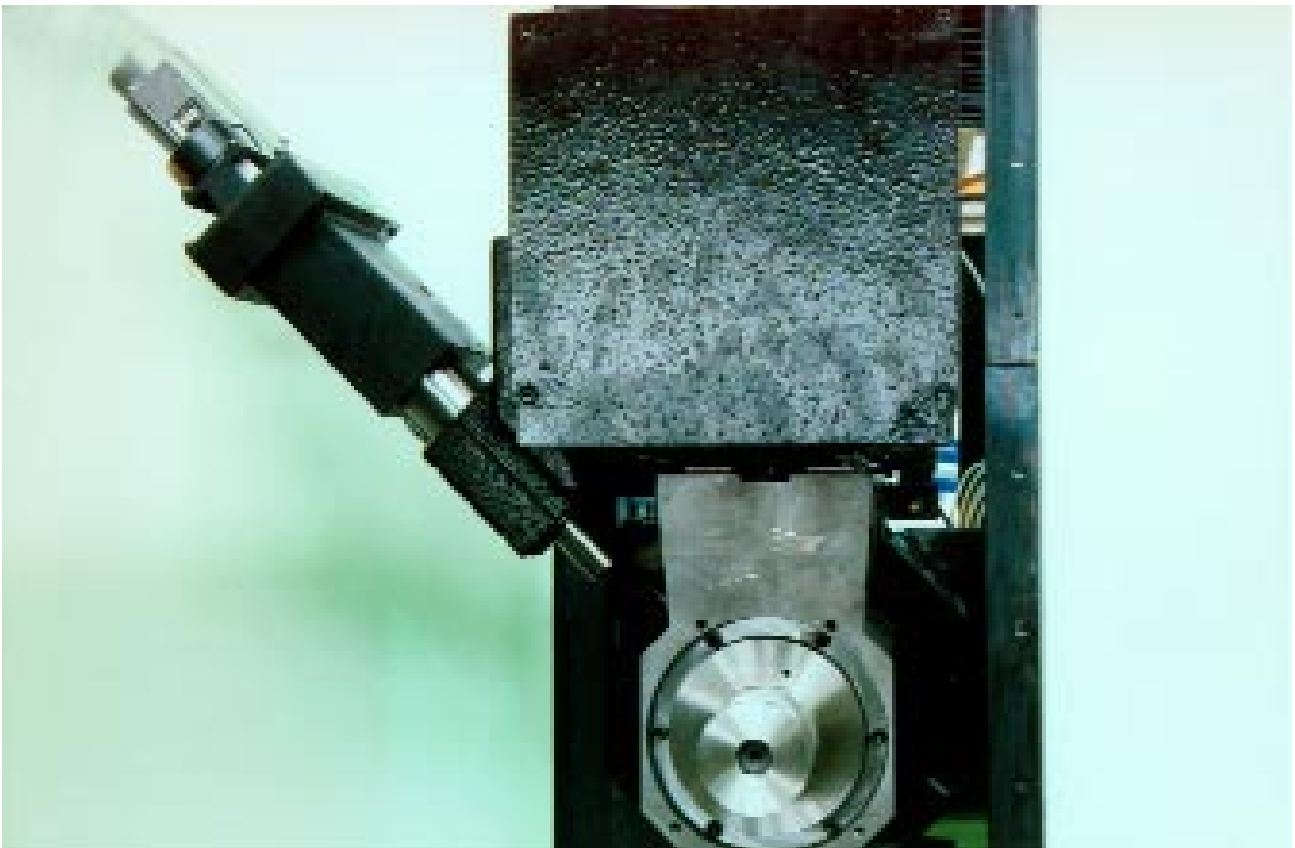
* For MB - MC - MD - ME - MF All versions



ACC.011

Wheeldressing attachment located on the crossrail.
Automatic wheeldressing increments activated by a.c. brushless motor and controlled withing a closed loop system by speedometer dynamo and encoders. Programmable wheel wear compensation. Wheeldressing by means of wheelhead transversal displacement with respect to the diamond and with differential programmable speed for roughing and finishing. Wheel profiling though circular interpolation of wheeldresser and transversal wheelhead axes.

* For MA - MB - MC - MD - ME - MF - MR
automatic and CNC version



ACC. 101

Electronically controlled permanent-magnetic chuck with push-button panel, remote control units for magnetizing/demagnetizing, potentiometer for adjusting the holding force and an electric safety device allowing table start only when the chuck is magnetized. The price includes machine pre-arrangement and installation in our workshop on newly manufactured machines.

Standard Pitch Pole 22 mm Extra charge for 5 mm pitch pole chucks 80% rices will be quoted on request for dimensions other than those given standard.

*For MA, MB, MC, MD, ME, MF, MC/U

All versions

mm 600x300
mm 750x300

mm 750x400
mm 1000x400
mm 1300x400
mm 1600x400

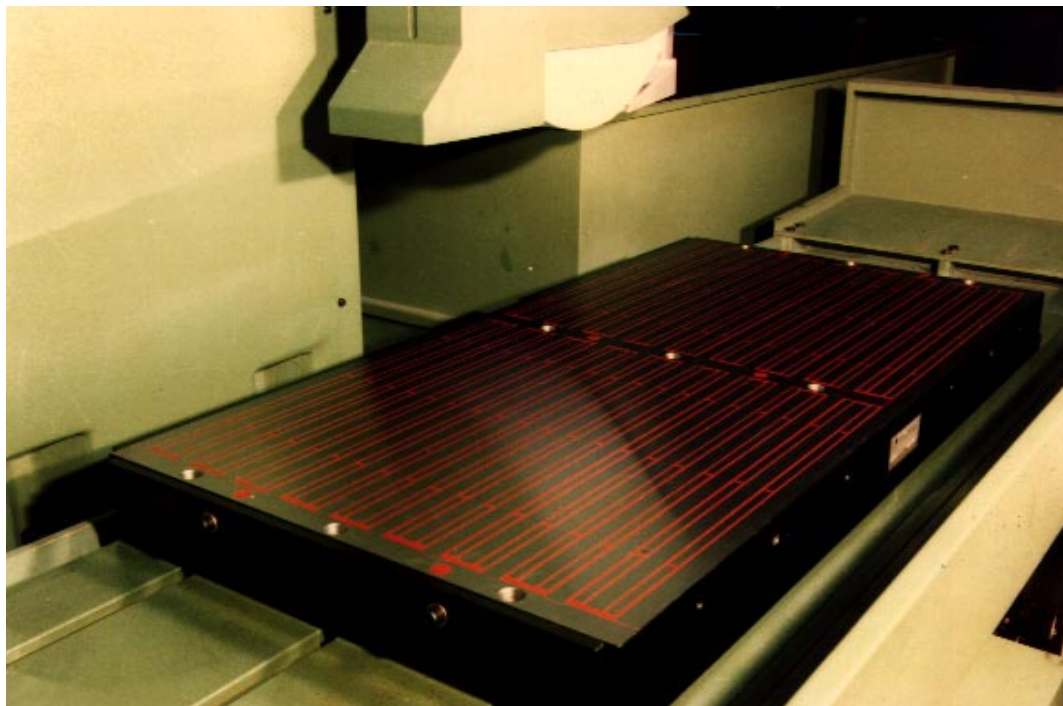
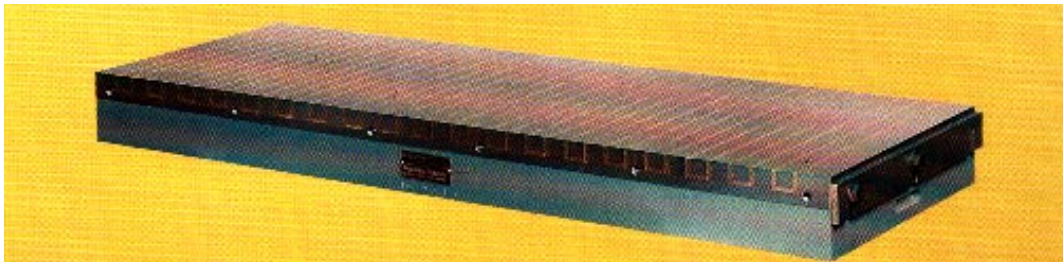
mm 750x500
mm 1000x500
mm 1100x500
mm 1300x500
mm 1500x500
mm 1600x500
mm 2000x500
mm 2500x500

mm 1000x600
mm 1200x600
mm 1300x600
mm 1600x600
mm 2000x600
mm 3000x600
mm 4000x600

mm 1200x700
mm 1600x700
mm 2000x700
mm 3000x700
mm 4000x700

mm 1500x900
mm 2000x900
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mm 5000x900
mm 6000x900

mm 2000x1100
mm 3000x1100
mm 4000x1100
mm 5000x1100
mm 6000x1100



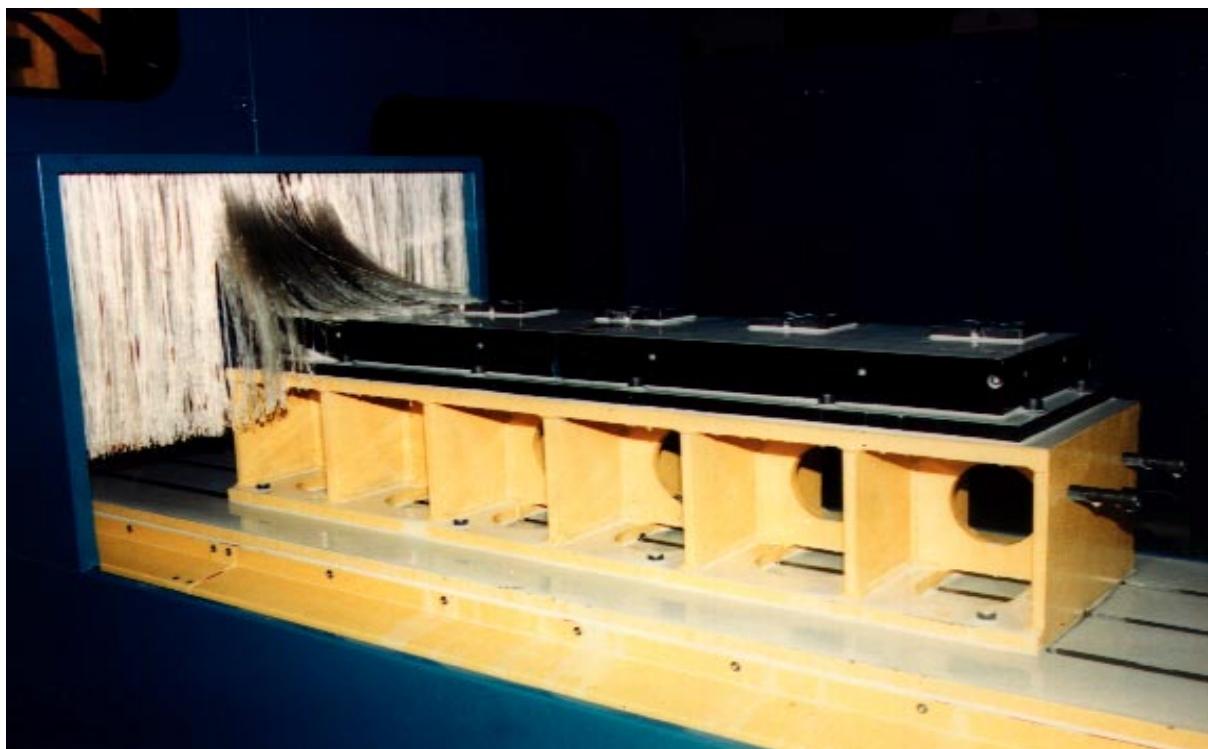
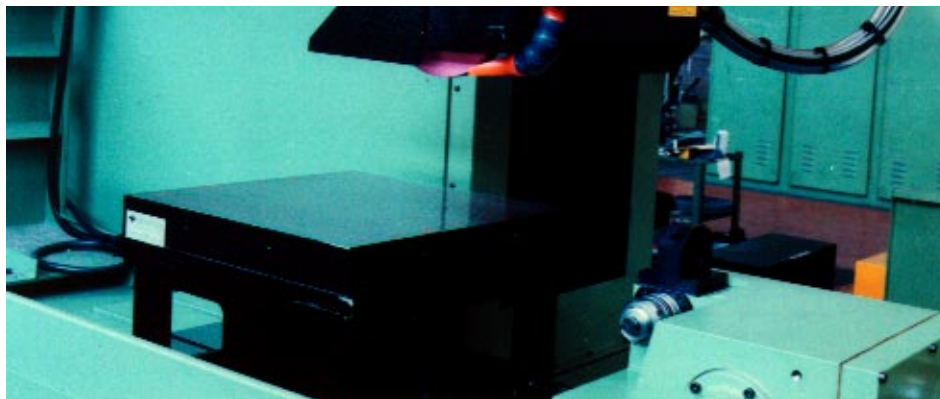
ACC. 102

Underplate for magnetic chuck which allows to bring the working surface close to the wheel for accessory 007 and close to the rolls for accessory 010.

The grinding height is shortened of 245 mm for acc. 007 and 200 mm for acc.008 and 010.

*For MB, MC, MD, ME, MF All versions

mm 600x300	mm 750x500	mm 1000x600	mm 1200x700	mm 1500x900	mm 2000x1100
mm 750x300	mm 1000x500	mm 1200x600	mm 1600x700	mm 2000x900	mm 3000x1100
	mm 1100x500	mm 1300x600	mm 2000x700	mm 3000x900	mm 4000x1100
mm 750x400	mm 1300x500	mm 1600x600	mm 3000x700	mm 4000x900	mm 5000x1100
mm 1000x400	mm 1500x500	mm 2000x600	mm 4000x700	mm 5000x900	mm 6000x1100
mm 1300x400	mm 1600x500	mm 3000x600		mm 6000x900	
mm 1600x400	mm 2000x500	mm 4000x600			
	mm 2500x500				

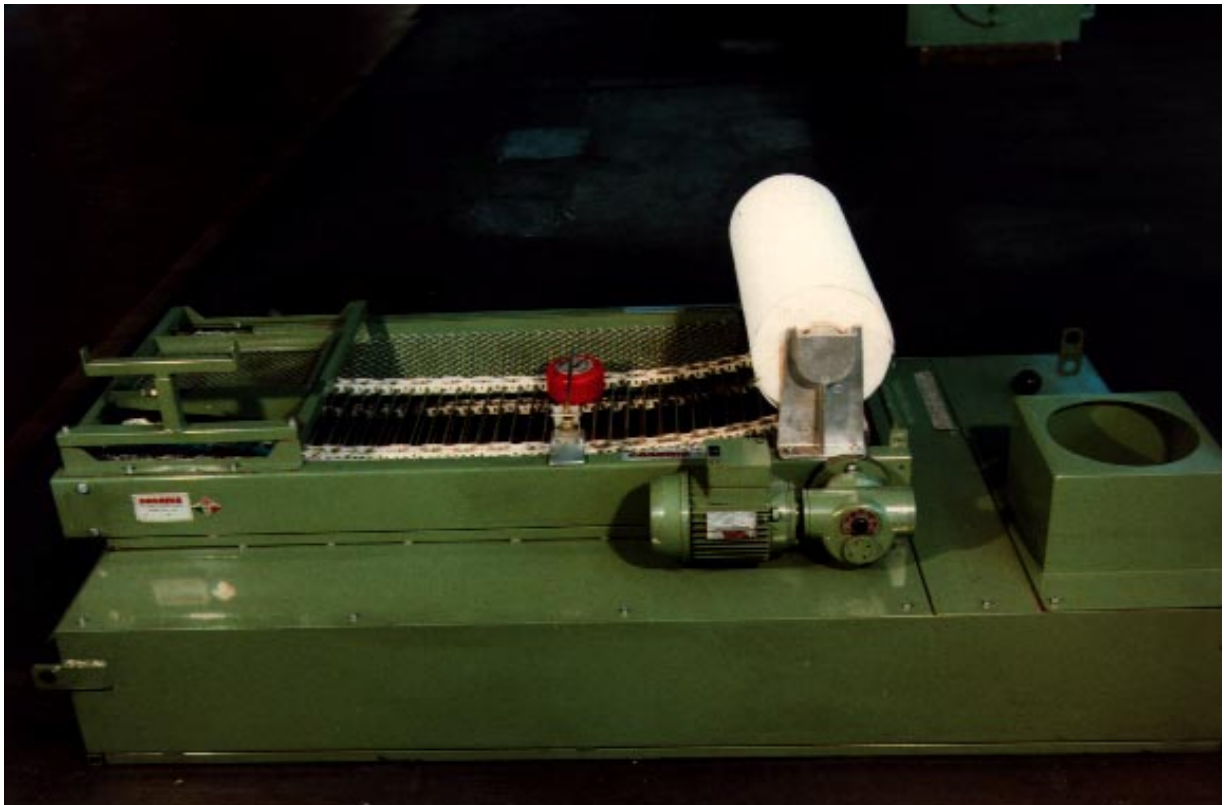


ACC. 203

COSEMA type endless paper-belt type mechanical swarf separator for coolant equipment.

- * Tank 350 l - Flow rate 100 l/min. MA - MB - MR
- * Tank 600 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U - MR till 2000 mm included
- * Tank 1500 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U - MR Over 2000 mm
- * Tank 2000 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U Over 2000 mm

*For MA, MB, MC, MD, ME, MF, MC/U, MR All versions



ACC. 204

COSEMA type magnetic drum and endless paper belt swarf separator for all wheel grit and metal particles contained in the coolant.

* Tank 350 l - Flow rate 100 l/min. MA - MB - MR

* Tank 600 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U - MR till 2000 mm included

* Tank 1500 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U - MR Over 2000 mm

* Tank 2000 l - Flow rate 200 l/min. MC - MD - ME - MF - MC/U Over 2000 mm

*For MA, MB, MC, MD, ME, MF, MC/U, MR

All versions

