DEBURRING AND FINISHING MACHINES

DRY AND WET

ITALIAN
TAYLOR MADE
MACHINES

PRODUCT CATALOGUE



GECAM
ITALIAN MACHINES AND MORE

ITALIAN
TAYLOR MADE
MACHINES



ABOUT
COMPANY

We design and produce solutions for deburring and grinding metals following our customers' specific requests. A complete offer of products to meet the multiple needs of production following the founding value based on the attention to the high quality of the material 100% made in Italy.

The accurate selection of Italian suppliers located in a radius of 200 km from our company and the constant supervision of the internal production through an attentive planning of each company methods, allow us to respect the quality to guarantee a full satisfaction of the customer.

The technical department, equipped with avant-garde tools, works constantly planning innovative machines in a creative method where the customer is involved in every step.

A high qualified team and an efficient consultation and after-sales service allow us to boast a great presence of our products on worldwide market.



// PRODUCT CATALOGUE



Real progress happens only when advantages of a new technology become available to everybody.

"Henry Ford"

DEBURRING & FINISHING

Machines designed for deburring, finishing and rounding edge of metal surfaces with useful working width from 300 mm up to 1350 mm.

Also suitable for processing flat pieces shaped and with holes resulting from laser cutting, punching and oxy-cutting or plasma.

Each machine can be configured with multiple operating groups, up to 4 internal, to ensure the best result for the process production of the user. Simple to install and use are built with steel frame welded and normalized which guarantees stability and rigidity to withstand even heavy processing.

The work table with motorized lifting by synchronized movement of 4 trapezoidal screws with double anchoring, allows an adjustment of the thickness of the workpiece from work with fine control +/- 0,1. Conveyor belt in ultraresistant natural rubber oilproof with automatic centering system.

Variable speed from 0.2 to 6.5 m/min

ITALIAN TAYLOR MADE MACHINES

Independent motors for each group to guarantee a complete control of the machine and processing, allowing a great versatility of use. Dust extraction hoods inside of the machine for each single group of work, directly on the production point.
Complete control panel for total management of speeds, thicknesses and working pressures. Alarm diagnostic unit with display for an immediate detection of emergencies and / or breakdowns. Thickness control system for abrasive belt (GRIT SET) with possibility of memorization of the types most used.
Rubberized pressure rollers, oil and heat resistant, positioned before and after each working group. Idle support rollers at entry and exit from the conveyor belt.

WORKING GROUPS

R Abrasive belt unit with 55° shore rubber contact roller, diameter from 150 mm to 190 mm, equipped with automatic belt centering.

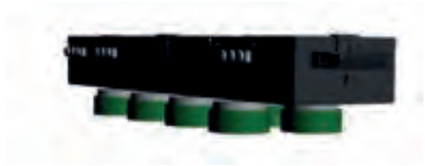


B/b Cylindrical brush group in scotch brite, diameter from 150 mm to 200 mm.

b - external cylindrical brush group in scotch brite diameter 150 mm.



X Double row of rotating and oscillating brushes, diameter 115 mm. Automatic motorized positioning.



B4 B8 Carousel unit with 4 or 8 cylindrical brushes diameter 320 mm with double rotation for rounding edges up to 2 mm, even inside the holes.



T4 Oscillating carousel group with top brushes 200 mm with double rotation for a perfect roundingof the edges even on small workpieces



G15
DRY



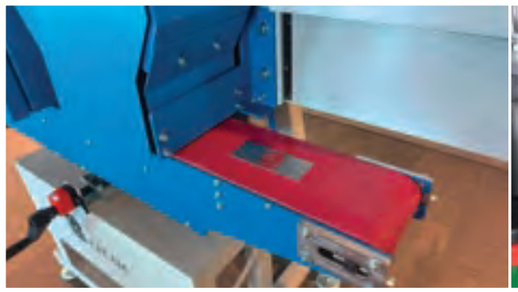
TECHNICAL DATA

Working width	**mm 150**
Abrasive belt size	**mm 150x2000**
Brushes size	**Ø mm 200**
Working thickness min/max	**mm 1/105**
Feeding speed min/max	**1 a 4**
Suction required	**2000 m³/h**
Overall dimensions L x P x H	**mm 1774x853x1929**
Approx weight from	**kg 430**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

CONFIGURABLE ACCESSORIES:

- Additional infeed and outfeed rollers





CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller.
T – Unit with single row of rotating and oscillating top brushes diameter mm 200.

G30
DRY



TECHNICAL DATA

Working width	**mm 300**
Abrasive belt size	**mm 1900x320**
Brushes size	**Ø mm 115**
Working thickness min/max	**mm 0,5/120**
Feeding speed min/max	**1 a 4**
Suction hoods	**mm 200**
Suction required	**2000 m³/h**
Overall dimensions L x P x H	**mm 620x2134x2050**
Approx weight from	**kg 540**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

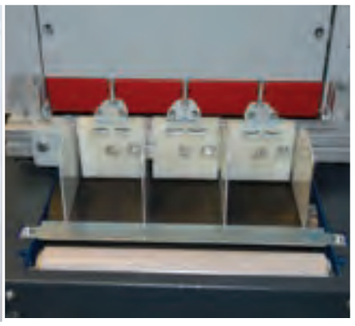
Manual grit set

CONFIGURABLE ACCESSORIES:

- Variable speed for each working group
- Conveyor belt cleaning brush
- Additional infeed and outfeed rollers
- Touch screen
- Vacuum table







CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller.
B – Cylindrical brush group in scotch brite.
b – External cylindrical brush in scotch brite.
X – Unit with two rows of rotating and oscillating top brushes (n. 4) diameter mm 115

G65
DRY



TECHNICAL DATA

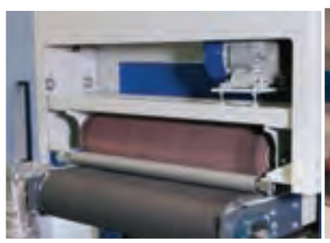
Working width	**mm 650**
Abrasive belt size	**mm 660x2200**
Brushes size	**Ø mm 115**
Working thickness min/max	**mm 0,5/120**
Feeding speed min/max	**0,6/6**
Suction hoods	**mm 150**
Suction required	**4000 m³/h**
Overall dimensions L x P x H	**mm 1176x2137x2050**
Approx weight from	**kg 1700**

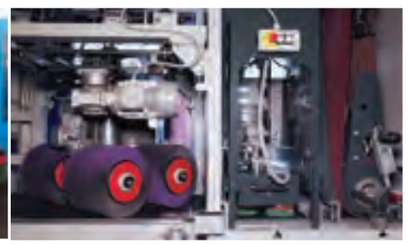
- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

Touch screen as standard
Electronic Grit set as standard
Variable speed R group as standard

CONFIGURABLE ACCESSORIES:

- Vacuum table
- Conveyor belt cleaning brush
- Powerful motors
- 4.0 ready
- Additional infeed /outfeed rollers
- Magnetic track
- Operator piece return





CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 190.
X – Unit with two rows of rotating and oscillating top brushes (n.8) diameter mm 115.
B – Cylindrical brush group in scotch brite, diameter mm 200.
B4 - Carousel group with 4 abrasive brushes diameter 250 mm.
b – External cylindrical brush in scotch brite diameter 150 mm.

G135
DRY



TECHNICAL DATA

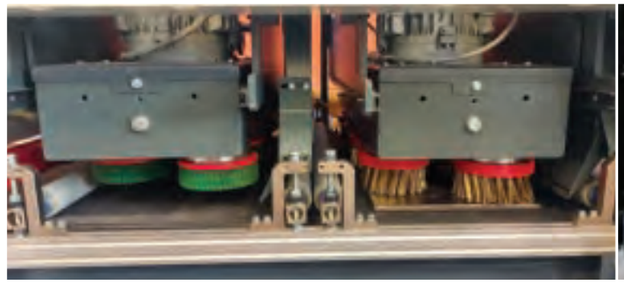
Working width	**mm 1350**
Abrasive belt size	**mm 2200x1370**
Brushes size	**Ø mm 115**
Working thickness min/max	**0,5/120**
Feeding speed min/max	**0,6/6**
Suction hoods	**mm 150**
Suction required	**6000 m³/h**
Overall dimensions L x P x H	**mm 1876x2137x2070**
Approx weight from	**kg 1800**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

Touch screen as standard
Electronic Grit set as standard
Variable speed R group as standard

CONFIGURABLE ACCESSORIES:

- Vacuum table
- Conveyor belt cleaning brush
- Powerful motors
- 4.0 ready
- Additional infeed /outfeed rollers
- Magnetic track
- Operator piece return





CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 180.
X – Unit with two rows of rotating and oscillating top brushes (n. 20) diameter mm 115.
B – Cylindrical brush group in scotch brite, diameter mm 200
b – External cylindrical brush in scotch brite, diameter 150 mm

G135RB8
DRY



TECHNICAL DATA

Working width	**mm 1350**
Abrasive belt size	**mm 2200x1370**
Brushes size	**mm 300x532**
Working thickness min/max	**0,5/120**
Feeding speed min/max	**0,2/2**
Suction hoods	**mm 150**
Suction required	**6000 m³/h**
Overall dimensions L x P x H	**mm 2177x4277x2235**
Approx weight from	**from kg 4190**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

Touch screen as standard
Electronic Grit set as standard
Variable speed R group as standard
Rounding up to 2 mm







CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 125.
X – Unit with two rows of rotating and oscillating top brushes (n.8) diameter mm 115.
B – Cylindrical brush group in scotch brite, diameter mm 300.

GCB 25/30/40
DRY

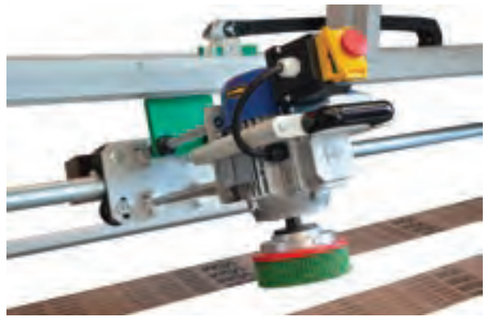


TECHNICAL DATA

Working table size Abrasive	**mm 2500/3000/4000x800**
belt size	**mm 120 x 8000/9000/10935**
Z table stroke	**mm 600**
Max piece weight on table	**kg 100**
Max weight on locking system	**kg 8**
Max weight on manipulator	**kg 37**
Overall dimensions L x P x H	**mm 1000x3750x2200**
Approx weight	**from kg 790**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

Double crossed belt
Configurable with roller or brush for multiple processes
Pneumatic tensioning of abrasive belts
Suction cup handling system available for shaped pieces
Accessories storage watrehouse





CONFIGURABLE WORKING GROUPS

R –Double belts unit with pneumatic tensioning system, high flexibility to adapt to all conditions of the pieces
T - single independent brush for rounding edges

GM65
DRY



TECHNICAL DATA

Working width	**mm 650**
Abrasive belt size	**mm 660x2200**
Brushes size	**-**
Working thickness min/max	**0,5/120**
Feeding speed min/max	**0,6/6**
Suction hoods	**mm 150**
Suction required	**2000 m³/h**
Overall dimensions L x P x H	**mm 980x1386x1990**
Approx weight from	**kg 590**

- DEBURRING
- SATIN FINISH

CONFIGURABLE ACCESSORIES:

- Magnetic track







CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 190.

GM110
DRY



TECHNICAL DATA

Working width	**mm 1100**
Abrasive belt size	**mm 1120/1524**
Brushes size	**-**
Working thickness min/max	**0,5/120**
Feeding speed min/max	**1 a 4**
Suction hoods	**mm 150**
Suction required	**2000 m³/h**
Overall dimensions L x P x H	**mm 1600x1386x1990**
Approx weight from	**kg 800**

- DEBURRING
- SATIN FINISH

CONFIGURABLE ACCESSORIES:

- Magnetic track







CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 190.

G65DCC
DRY



TECHNICAL DATA

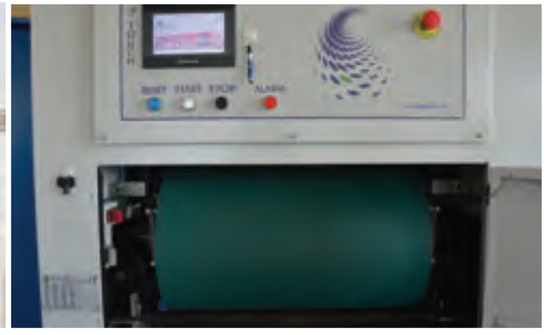
Working width	**mm 600**
Abrasive belt size	**mm 680x1500**
Brushes size	**mm 66x52**
Working thickness min/max	**10/120**
Feeding speed min/max	**0,7/7**
Suction hoods	**mm 150**
Suction required	**4000 m³/h**
Overall dimensions L x P x H	**mm 1900x1776x2130**
Approx weight from	**kg 1520**

- DESLAGGING
- ROUNDING EDGES

Touch screen as standard
Magnetic table as standard
Strips brushes for an homogeneous rounding







CONFIGURABLE WORKING GROUPS

D – Abrasive belt unit on roller diameter 420 mm 20 shores controlled by pneumatic cylinder.
C – Brushes group with 82 brushes on transverse belts, with reverse rotation, with independent motors

GT06
DRY



TECHNICAL DATA

Working width	**mm 600**
Abrasive belt size	**mm 2500x50**
Brushes size	**mm 66x32**
Working thickness min/max	**0,5 a 80**
Feeding speed min/max	**0,7/7**
Suction hoods	**mm 150**
Suction required	**4000 m³/h**
Overall dimensions L x P x H	**mm 1170x1676x2096**
Approx weight from	**kg 2000**

- ROUNDING EDGES
- DEBURRING
- FINISHING

Fixed bench with motorized rollers table
Simultaneous processing on both sides
Transversal brush groups
Touch screen as standard







CONFIGURABLE WORKING GROUPS

R – Transversal abrasive belt unit with pressure pad to facilitate the entry of pieces with independent self-breaking motor. Pneumatic tensioning system.
C - Cross belt unit with strips brushes for a perfect rounding on all the sides of the sheet even inside the holes.

CUB

DRY



- DEBURRING
- SATIN FINISH

Brushes with motorized independent pressure adjustment
Conveyor belt variable speed
Independent motors
Pressure rollers with independent adjustment

CUB 30

TECHNICAL DATA

Brushes diameter	**mm 180**
Working width	**mm 300**
Feeding speed	**m/min 1-7**
Piece minimum lenght	**mm 100**
Working thickness min/max	**mm 0,5/250**
Overall dimensions L x P x H	**mm 1120x1068x1360**
Approx weight	**kg 385**

CUB 60BB

TECHNICAL DATA

Brushes diameter	**mm 200**
Working width	**mm 600**
Feeding speed	**m/min 1-7**
Piece minimum lenght	**mm 100**
Working thickness min/max	**mm 0,5/250**
Overall dimensions L x P x H	**mm 1310x1070x1564**
Approx weight	**kg 700**

CUB 30B1B2

TECHNICAL DATA

Brushes diameter	**mm 180**
Working width	**mm 300**
Feeding speed	**m/min 1-7**
Piece minimum lenght	**mm 100**
Working thickness min/max	**mm 0,5/250**
Overall dimensions L x P x H	**mm 1150x750x1200**
Approx weight	**kg 450**





CONFIGURABLE WORKING GROUPS

B – Cylindrical brush unit in scotch brite.

EASY T

DRY



TECHNICAL DATA

Working table	**mm 800x1300**
Working height	**mm 945**
Vacuum area	**mm 250x350**
Motor Power	**kW 0.75**
Brush diameter	**mm 150**
Pieces max thickness	**mm 150**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

Double tool on 180° tilting swinging arm
Vacuum table
Suction hood inside
Tool activation buttons on handlebar





CONFIGURABLE WORKING GROUPS

T – Top brush unit quick release system, diameter 150 mm.

G30
WET

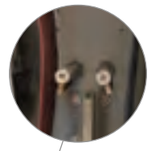


TECHNICAL DATA

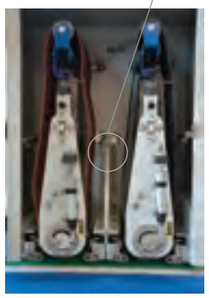
Working width	**mm 300**
Abrasive belt size	**mm 320x1900**
Working thickness	**mm 140**
Feeding speed min/max	**m/min 5/10**
Overall dimensions	**mm 1430x860x2100**
Approx weight	**da kg 660**
working groups	**max 2**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

External sludge collection tank
Fixed bench at 900 mm
Configurable with touch screen
Independent management of water sprinklers



Water sprayers directly on the working tool





CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 125.
T – Unit with single row of rotating and oscillating top brushes diameter mm 115.
B – Cylindrical brush group in scotch brite, diameter mm 150.

G65/135
WET



TECHNICAL DATA

Working width	**mm 1300**
Working thickness min/max	**mm 0,8 to 140**
Abrasive belt size	**2200x1320**
Variable feeding speed	**m/min 0,5 to 10**
Approx weight	**kg 4000**
Overall dimensions	**mm 2300x1600x2380**

- DEBURRING
- SATIN FINISH
- ROUNDING EDGES

External sludge collection tank
Fixed bench at 900 mm
Configurable with touch screen
Independent management of water sprinklers

CONFIGURABLE WORKING GROUPS

R – Abrasive belt unit with 55° shores rubberized contact roller, diameter mm 125.
T – Unit with single row of rotating and oscillating top brushes diameter mm 115.
B – Cylindrical brush group in scotch brite, diameter mm 150.
b – External cylindrical brush in scotch brite, diameter mm 150.

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BRUSHES

TOP GREEN BRUSHES



Top brush scotch brite and canvas suitable for rounding edge, available in different grits depending on the required processing

STEEL WIRE BRUSH



Intertwined steel wires top brush for removing oxide on the edges

PIN BRUSH



Top brush with steel pins fixed on flexible bearing suitable for removing burrs after plasma and oxyfuel cutting.

SYNTHETIC TOP BRUSH



Top brush with synthetic abrasive and canvas for rounding edges on wet machines that prevent the penetration of water and therefore the kneading of the canvas

ABRASIVE B BRUSH



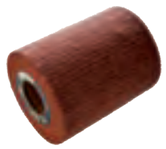
Cylindrical brush in abrasive canvas with ceramic grit, which guarantees a very high degree of removal, used in the rotatry group mainly for strong rounding edge even inside the hole

STRIP BRUSH



Strip brush in scotch brite and very flexible abrasive canvas strips for edge rounding, available in different grits and also without scotch brite for an even more aggressive rounding.

SCOTCH BRITE B BRUSH



Cylindrical brush in scotch brite for surface finish. A different result depending on the type of scotch brite.

The top brushes have a quick release system which allows considerable time savings during tools change.

SAMPLES WORKED

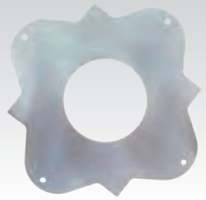
Deburring and rounding with RX



Deburring and finishing with RB



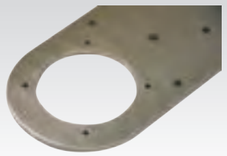
Deburring with R



Oxide removal with X group



Deburring and rounding holes



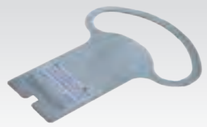
Deburring and rounding with RXX



Rounding R2 with B8 group



Hairline finishing



Deburring and rounding with RB8



Satin finish with RBB



Satin finish with R



Scotch brite finishing with B group



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Can’t find your finishing solution yet? We’ll create it for you.

Let’s discuss how we can help your business reach new heights.



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