



**Morandi S.r.l.**

Via Dogane, 10  
25036 - Palazzolo sull'Oglio (BS) - Italia  
C.F. 02062570177  
P. IVA 00679430983

[www.morandisrl.it](http://www.morandisrl.it)

## *Polishing and finishing barrels BTV*



- Polishing barrels for buttons, products in polyester, urea, galalith and related items.
- Strengthened model with rubber lining for finishing of metallic minuteness.
- Steel drum with oldopren lining for button finishing.
- Water feeding from the back side of drum.
- Drum rotation (up and down) by hydraulic cylinder.
- Safety device system during drum rotation by panel on the loading side and by limit switch.
- Timer for drum rotation.

### Optionals:

- Automation system of rotation cycle.
- Several types of covers for different uses.
- Two speeds of drum rotation.
- Several capacity of drums to lt.2400 on request
- Rotation motor driven by electronic inverter



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Technical data	BTV80	BTV130	BTV200	BTV330	BTV400
Drum capacity (lt.):	80	130	200	330	400
Max. capacity (Kg):	10	15-20	20-30	40-50	50-60
Drum speed (RPM):	56	45	40	40	37
Rotation motor power (Kw):	1,5	0,75	1,5	2,2	3,25
Tipping motor power (Kw):	manuale/ 0,25	0,55	0,55	0,55	0,55
Drum speed for 2 speed model (RPM):	36-56	30-45	27-40	27-40	25-37
Dimensions (mm):	1,2x1,3x1,7	1,7x0,97x1,6	1,7x0,97x1,6	1,7x0,97x1,6	1,7x0,97x1,6
Net weight (Kg):	400	420	440	610	680



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## Horizontal barrels BRT-F



- Horizontal barrels for roughing and polishing buttons in polyester, urea and galalith.
- Structure of steel plate welded.
- Using way for different products and workings.
- Octagonal and round close steel drums.
- Octagonal and round wood drums.
- On request is possible to set in a row a maximum of six drums.
- Drum dimensions: from m/m 800 to m/m 1200.
- Octagonal and round steel drums with holes.
- Timer to program drum rotation for h. 24.

Technical data	One drum model	Two drum model
Drums dimensions (mm):	800x1.000	800x1.000
Drum speed (RPM):	32	32
Rotation motor (HP):	2 at 1.400 RPM	4
Dimensions (mm):	1.200x1.900x1.500 (H.)	1.200x3.100x1.500 (H.)
Net weight (Kg):	650	770



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### Polishing barrel BVL



- Polishing barrel for M.O.P. and trocas buttons.
- Wood rotating octagonal drum with corrosion resistance.
- Liquid dosing system by small glass bottle provided with drop regulator.
- Belt drive reduction gear.
- Safety device system during drum rotation.
- Adjustable for inclination of rotating drum.
- Manual tipping system of drum.
- Variable speed of drum rotation by electronic inverter (on request)

#### Technical data

Drum capacity (Lt):	135
Drum speed (RPM):	37
Drum speed by inverter (RPM):	0-40
Rotation motor power (Kw):	0,55
Dimensions (mm):	1.450x1.250x1.700
Net weight (Kg):	235



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## *Remaking service of drum lining*



- Remaking service for rubber and oldopren lining drum of the barrels.
- Supplyng of **new** metallic or wooden drums of **various sizes**.



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## Selecting machine CT2



- Machine is suitable for the selection of buttons, discs and related item.
- Structure of steel plate welded.
- Product sliding on two belts for a better readout of both faces of discs.
- Button upsetting system by intersecting of belts.
- Product feeding by hoppers and adjustable linear buzzer for the best distribution on the belts.
- Collection boxes for faulty products situated in both sides of machine.
- Adjustable speed belt by electronic inverter.
- Electric plant installed with push-button panel and potentiometer for vibration intensity.

### Optionals:

- Buttons feeding by delivery chute hopper
- Electrical plant with pedal operated switches
- Electrical plant with knee operated switches

### Technical data

Belt speed (m/min.):	from 0 to 12
Motor (Kw):	0,37 at 1.400 RPM.
Feeding:	by buzzer
Dimensions (mm):	1.840x550x1.540
Net weight (Kg):	210



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## Gauging machine CLB 1500



- Gauging machine for buttons, discs and related products in according to the different thicknesses.
- Structure of steel plate welded.
- Machine is made up of two grinded steel cylinders with safety device preventing casing.
- Cylinders rotation by geared motor.
- Product feeding by hopper and linear buzzer.
- Discs collection by boxes for different thicknesses.
- Regulation system of distance between cylinders by hand-wheels and read out of micrometrical comparators.

### Optionals:

- Variable cylinders speed by inverter
- Cylinder length on request

### Technical data

Motor (Kw):	0,37
Cylinder turns (RPM):	80
Cylinder turns by inverter (RPM):	0-200
Cylinder dimensions (mm):	Diam. 125x1500
Thicknesses (mm):	da 0,1 a 12
Dimensions (mm):	1.950x600x1.700(h)
Net weight (Kg):	230



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## Gauging machine CLB 1500.C



- Gauging machine for buttons, discs and related products in according to the different thicknesses.
- Structure of steel plate welded.
- Machine is made up of two grinded steel cylinders with safety device preventing casing.
- Cylinders rotation by geared motor.
- **BUTTON FEEDING BY DELIVERY CHUTE HOPPER**
- Discs collection by boxes for different thicknesses.
- Regulation system of distance between cylinders by hand-wheels and read out of micrometrical comparators.

### Optionals:

- Variable cylinders speed by inverter
- Cylinder lenght on request

### Technical data

Motor (Kw):	0,37
Cylinder turns (RPM):	80
Cylinder turns by inverter (RPM):	0-200
Cylinder dimensions (mm):	Diam. 125x1500
Thicknesses (mm):	da 0,1 a 12
Dimensions (mm):	1.950x1105x1300(h)
Net weight (Kg):	320



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### Simple planisher PD1



- It is a machine suitable to planish trocas and M.P.O. discs of medium and big size.
- Structure of steel plate welded.
- It is provided with diamond-wheel for a big capacity of roughshaping and for a longlife of machine.
- Manual feeding of discs on the sliding belt.
- Sunction point to convey and to gather dusts.
- Electrical plant installed with push-button panel.

#### Optionals:

- Automatic feeding of discs by loader.
- Surface's discs reading system.

#### Technical data

Belt speed (m/min.):	2
Belt motor (Kw):	0.18 at 1.400 rotations
Belt width (mm):	80
Diamond-wheel dimensions (mm):	Diam. 180x80
Diamond-wheel motor (Kw):	3 at 2.800
rotationsDimensions (mm):	1.300x800x1.220
Weight (Kg):	210



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## Double planisher PD2

- It is a machine suitable to planish trocas and M.O.P. discs.
- It consist of two diamond-wheel: one wheel is used to rough-shaping the behind of discs, and the other one is used to finish the superior side of them
- Structure of steel plate welded.
- Manual feeding of discs on the continuous belt.
- Upsetting system of discs by means of intersection of belts.
- Suction points of dusts are situated up to wheel to convey dusts in the best way.
- Electrical plant installed with push-button panel.

### Optionals:

- Automatic feeding of discs by loader.
- Surface's discs reading system.

### Technical data

Belts speed (m/min.):	2
Belt motor (Kw):	0.18 / 1.400
giriInferior/superior belt width (mm):	80
Diamond-wheel dimensions (mm):	Diam. 180x80
Superior-wheel motor (Kw):	3 at 2.800
rotations Inferior-wheel motor (Kw):	2,2 at 2.800
rotationsDimensions (mm):	1.350x800x1.220
Net weight (Kg):	350



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## Triple planisher PD3

- It is a machine suitable to planish trocas and M.O.P. discs.
- It consist of three diamond-wheel: two wheels are used to rough-shaping the behind of discs, and the other one is used to finish the superior side of them.
- Structure of steel plate welded.
- Manual feeding of discs on the continuous belt.
- Upsetting system of discs by means of intersection of belts.
- Suction points of dusts are situated up to wheel to convey dusts in the best way.
- Electrical plant installed with push-button panel.

### Optionals:

- Automatic feeding of discs by loader.
- Surface's discs reading system.
- Superior-wheel motor 3Kw at 2.800 rotations.

### Technical data

Belts speed (m/min.):	2
Belt motor (Kw):	0.18 / 1.400
giriInferior/superior belt width (mm):	80
Diamond-wheel dimensions (mm):	Diam. 180x80
Superior-wheel motors (Kw):	2,2 at 2.800 rotations
(x2)Inferior-wheel motor (Kw):	2,2 at 2.800 rotations
Dimensions (mm):	1.750x750x1.230
Net weight (Kg):	640



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## Grinding machine RB2



- Machine to grind the bottom's edge.
- Suitable for polyester, horn and corozo buttons.
- Grinding by emery tape.
- Manual or automatic feeding.
- Automatic feeding controlled by an electronic inverter.
- Emery tape dimensions: mm 300x2.000.
- Working capacity from 14" to 36".



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## Manual cutter machine TM



- Machine suitable to obtain disks of trocas, M.O.P., horn and other natural products.



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## Manual sawing machine



- Manual sawing machine to obtain sheets from exotic fruits as corozo or other natural materials.



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## Manual lathe



- Machine suitable for obtaining washers from the plate to make buttons.



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## *Sievings machines*



- Sieving machine to separate buttons and blanks of various sizes.
- Maximum sieving capacity up to 3 levels.
- Maximum sieving work plan up to mm 1.200.



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