

The background is a dark charcoal grey. On the left side, there is a large, stylized purple shape that resembles a mountain range or a series of overlapping triangles. Below this, there is a horizontal purple bar with rounded ends. At the bottom of the page, there is another horizontal purple bar, also with rounded ends, extending from the left edge towards the right.

# COMPLEMENTARY

PROCESSING SOLUTIONS

**CORNERS** GRINDING MACHINES

**DELTA** SERIES

HORIZONTAL **DRILLING** MACHINES

**TP** SERIES

# CORNERS GRINDING MACHINES AND DRILLING MACHINES

# SOLUTIONS FOR COMPLEMENTARY PROCESSING

**Specific machines for automatically processing radius and straight corners**, thus recommended for example for glassmakers who manufacture large volumes of furnishing shelves or doors.

**Complete line of automatic, semi-automatic and manual horizontal drilling machines** with one or two opposing heads.



## performing high speed

**Corners grinding machines:** cycle time less than 30" for thicknesses up to 20 mm.



## productive smart technology

**Drilling machines:** laser centring system and supports for drilling in series.



## reliable little maintenance required

Machines with extremely long useful life and extremely easy to maintain.



## flexible customised configurations

**Corners grinding machines:** you can work on different types of corners and profiles depending on the assembled type of tools.



## smart simplicity of use

**Drilling machines:** automatic adjustment of the diamond tool speed by setting the drilling diameter.



## excellent top performance

Thanks to optionals such as the use of liquid cerium oxide, our corners grinding machines can offer high final processing quality.



# CORNERS GRINDING MACHINES

## TECHNICAL DETAILS

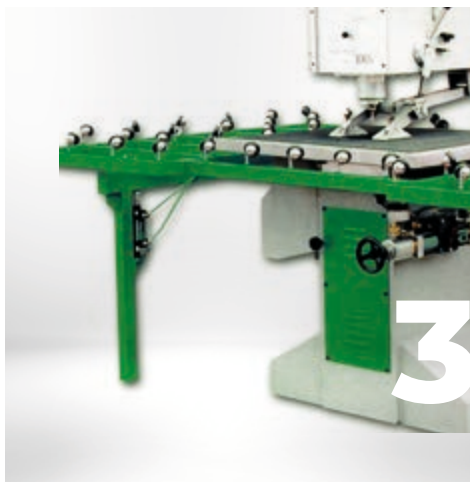
- 1 Movement of the **pneumatic wheel-holder units**.
- 2 Spindle **adjustment handwheels**.
- 3 Option to work in **automatic cycle**.
- 4 **Manual lubrication** of all rotary parts.
- 5 Integrated support for processing **medium size sheets**.
- 6 Simple and quick **positioning of the templates**.



# HORIZONTAL DRILLING MACHINES

## TECHNICAL DETAILS

- 1 **Automatic ejection** of the glass cores (not available for the TP 1000 version).
- 2 Laser **centring system**.
- 3 Pneumatic glass **support table**.
- 4 **Automatic adjustment of the diamond tool speed** by setting the drilling diameter (not available for the TP 1000 version).



# DELTA SERIES

## SPECIFIC MACHINES FOR AUTOMATIC PROCESSING OF CORNERS

The DELTA series comprises specific machines for automatically processing corners, thus recommended for example for glassmakers who manufacture large volumes of furnishing shelves or doors.

They can process radius or straight corners on thicknesses up to 20 mm in less than 30 seconds, even with liquid cerium oxide polishing.



4 - 20 mm  
5/32 - 3/4 "



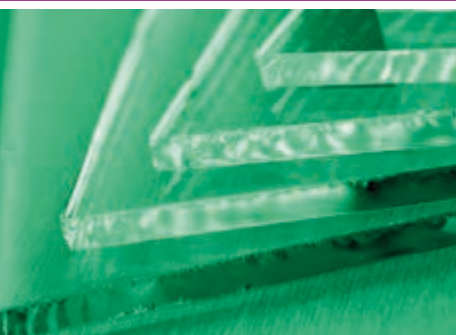
10 - 150 mm  
25/64 - 6 "



10 - 200 mm  
25/64 - 7.9 "



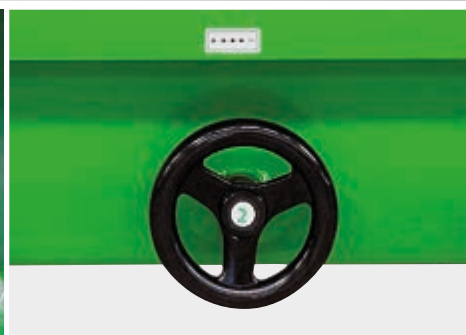
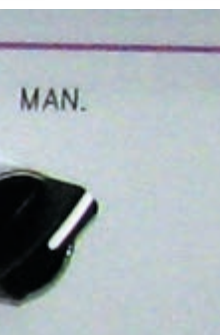
pneumatic





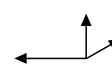
# DELTA SERIES

**Corners** grinding machines



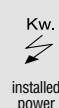
# DELTA SERIES

## Automatic machines for **processing radius and straight corners**



DELTA M3	eu	200x300 mm opt. 100x200 mm	1.000x1.000 mm (square glasses) 1.300x700 mm (rectangular glasses)	10 - 150 mm	10 - 200 mm	4 - 20 mm	8,5	2.200x1.150 xH1.750 mm
	us	7.9x11.8 " opt. 3.9x7.9 "	39.4x39.4 " (square glasses) 51.2x27.5 " (rectangular glasses)	25/64 - 6 "	25/64 - 7.9 "	25/64 - 7.9 "		86.6x45.3 xH68.9 "

DELTA M4	eu	200x300 mm opt. 100x200 mm	1.000x1.000 mm (square glasses) 1.300x700 mm (rectangular glasses)	10 - 150 mm	10 - 200 mm	4 - 20 mm	11	2.680x1.300 xH1.750 mm
	us	7.9x11.8 " opt. 3.9x7.9 "	39.4x39.4 " (square glasses) 51.2x27.5 " (rectangular glasses)	25/64 - 6 "	25/64 - 7.9 "	25/64 - 7.9 "		105.5x51.2 xH68.9 "
								4 3 2 1





DELTA M4 C	eu	200x300 mm opt. 100x200 mm	1.000x1.000 mm (square glasses) 1.300x700 mm (rectangular glasses)	10 - 150 mm	10 - 200 mm	4 - 20 mm	11	2.680x1.300 xH1.750 mm		
	us	7.9x11.8 " opt. 3.9x7.9 "	39.4x39.4 " (square glasses) 51.2x27.5 " (rectangular glasses)	25/64 - 6 "	25/64 - 7.9 "	25/64 - 7.9 "		105.5x51.2 xH68.9 "		
								4	3	2

DELTA M5	eu	200x300 mm opt. 100x200 mm	1.000x1.000 mm (square glasses) 1.300x700 mm (rectangular glasses)	10 - 150 mm	10 - 200 mm	4 - 20 mm	13	3.000x1.300 xH1.750 mm			
	us	7.9x11.8 " opt. 3.9x7.9 "	39.4x39.4 " (square glasses) 51.2x27.5 " (rectangular glasses)	25/64 - 6 "	25/64 - 7.9 "	25/64 - 7.9 "		118.1x51.2 xH68.9 "			
								5	4	3	2



# TIP SERIES

## SEMI-AUTOMATIC AND AUTOMATIC MANUAL HORIZONTAL DRILLING MACHINES

Complete line of automatic, semi-automatic and manual horizontal drilling machines with one or two opposing heads (bottom automatic and top manual). Common features are the automatic locking of the glass during the drilling cycle and the option to adjust the drilling depth on the bottom head. Just like for all of our models, they come in various options, thus allowing utmost customisation and adaptation of the product to the various needs.



Ø 4 - 200 / 250 mm  
Ø 5/32 - 7.9 / 9.8 "

Ø 4 - 130 mm  
Ø 5/32 - 5.1 "

50 mm  
2 "

1,000 / 1,065 / 1,200 / 1,665 mm  
39.3 / 41.9 / 47.2 / 65.5 "





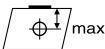



## TP SERIES

**Manual** and **semi-automatic**  
horizontal drilling machines



## TP SERIES

### Manual horizontal drilling machines


							
TP 1000.1H	eu	Ø 4 - 200 mm	-	1000 mm	50 mm	1,5	1.700x1.300 xH1.800 mm
	us	Ø 5/32 - 7.9 "	-	39.4 "	2 "		66.9x51.1 xH70.8 "
TP 1000.2H	eu	Ø 4 - 200 mm	Ø 4 - 130 mm	1000 mm	50 mm	2,5	1.700x1.300 xH1.800 mm
	us	Ø 5/32 - 7.9 "	Ø 5/32 - 5.1 "	39.4 "	2 "		66.9x51.1 xH70.8 "
						Available also the automatic version	

## TP SERIES

### Semi-automatic/automatic horizontal drilling machines





TP 1065	eu	Ø 4 - 250 mm	Ø 4 - 130 mm	1.065 mm	50 mm	3	1.700x900 xH1.760 mm
	us	Ø 5/32 - 9.8 "	Ø 5/32 - 5.1 "	41.9 "	2 "		66.9x35.4 xH69.2 "
						Available also the automatic version	

TP 1200	eu	Ø 4 - 250 mm	Ø 4 - 130 mm	1.200 mm	50 mm	3	1.900x900 xH1.760 mm
	us	Ø 5/32 - 9.8 "	Ø 5/32 - 5.1 "	47.2 "	2 "		74.8x35.4 xH69.2 "
						Available also the automatic version	

TP 1200 VSE	eu	Ø 4 - 250 mm	Ø 4 - 130 mm	1.200 mm	50 mm	3	4.920x2.483 xH1.760 mm
	us	Ø 5/32 - 9.8 "	Ø 5/32 - 5.1 "	47.2 "	2 "		193.7x97.7 xH69.2 "
						Available also the automatic version	

TP 1665	eu	Ø 4 - 250 mm	Ø 4 - 130 mm	1.665 mm	50 mm	3	2.700x900 xH1.760 mm
	us	Ø 5/32 - 9.8 "	Ø 5/32 - 5.1 "	65.5 "	2 "		106.2x35.4 xH69.2 "
						Available also the automatic version	

#### LEGEND


  
drilling diameter  
(with 1 head)

  
drilling diameter  
(with 2 heads)

  
useful depth

  
max glass  
thickness

  
installed  
power

  
dimensions