



MEGAPLOT

FOAM CUTTERS & ROUTER TABLES PRODUCER

MEGABLOCK foam cutters

*Over 1000 foam cutter
sold to 40 countries*

Algeria, Austria, Belarus, Bulgaria, Canada, China, Czech Republic, Costa Rica, Denmark, France, Germany, Greece, Hungary, Israel, Italy, Jordan, Latvia, Lithuania, Kuwait, Mexico, Malaysia, Norway, Poland, Puerto Rico, Russia, Saudi Arabia, Serbia & Montenegro, Slovakia, Slovenia, Spain, Sweden, Taiwan, Turkey, Ukraine, United Arab Emirates, United Kingdom, USA





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About us:

The MEGAPLOT company was founded in June 1995 when it produced its first prototype of a foam cutter. Since then MegaPlot has grown and has become a well-recognized manufacturer - both in Poland as well as worldwide. Out of a company known to a few, we have developed into the biggest foam cutters manufacturer in the world. So far we have produced and sold over 1000 computer-controller foam cutters.

Our main markets are: Poland, Germany, Italy, France, Spain, Canada, USA, Brasil, Saudi Arabia, Mexico as well as Former Soviet Republics. In all these countries - and many others - our foam cutters are appreciated for their highest quality and functionality.

The best proof confirming our leading position on the market is the more and more common - although not always successful - practise of immitating or simply coping of our designs by our competitors - not only in Poland but often worldwide. We do not treat it, however, as a threat to our company but rather as just another proof of our top position on the market as well as a continuous stimulus for further development and improvement of our products. Our experience as well as using the highest quality materials enable us to produce the best thought-over and deffect-proof foam cutters.

That is why we are confident enough to offer 5-year warranty for all our MEGABLOCK foam cutters, something our competitors rarely do.

It's all about research & development:

In April 2004 we sold our 1000th foam cutter. It was ordered by our distributor from the United Kingdom.

In May 2004 we intoduced:

a completely new series of MultiWire MW3000 foam cutters with pneumatic wire tensioning

In June 2004 we introduced:

automatic pneumatic wire tensioning (optional)

This feature along with the TITANIUM NCR01 wire enable you to increase the wire tensioning three times which in turn results in higher cutting speeds and better quality.

In June 2004 we introduced a new kind of cutting wire TITANIUM NCR01.

This Titanium Alloy Wire is cusom-produced for us and it has very special characteristics. As a result, it lets you cut with higher speeds and is much more durable than the wires used so far.

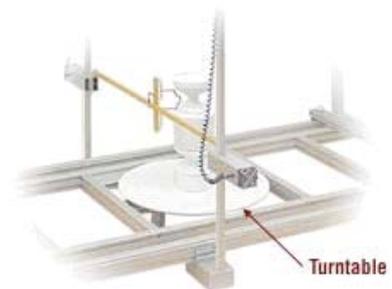
In August 2003 we introduced:

2 new series of MultiWire foam cutters:

MEGABLOCK MultiWire MW 1300

MEGABLOCK MultiWire MW 2500

Both of these series enable you to cut with up to 10 wires simultaneously. Imagine the time and cost you can save with them.





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What is a foam cutter?

The MEGABLOCK foam cutter is a machine controlled by a computer capable of cutting any 3D objects out of extruded and expanded polystyrene foams. Cutting is done by a hot wire moving in the X-Y plane through the use of micro stepping motors controlled by a computer. This allows for making fast and precise cutting of the foam material.

The precision control makes it possible to cut objects of nearly any shape given that their thickness is to be the same as the thickness of material used. By designing and cutting various views of one object it is also possible to construct even more complicated 3D objects. Through the use of a turntable (optional equipment available with our foam cutters), one can also cut out all the solids of revolution, including the sphere.

For more information regarding these and other elements (e.g. Shapeable Wire Tool), please see the following pages.

There are up to 8 **Micro-Stepping Motors** in each of our foam cutters — 4 for the X axis, 2 for the Y axis, 1 for TurnTable and 1 for Lathe. These high-quality 3 Amp motors guarantee great accuracy and longevity

The Electronic Controller is an independent unit of our own design and production responsible for the two-way communication between the foam cutter and your computer, controlling all parameters of the foam cutter.

Custom-Designed Heavy Duty Anodized Aluminum Extrusion **Profiles** make our foam cutters' construction lightweight and extremely strong which enable amazing accuracy and repeatability of cuts.

The Wire/Fan Housing is where the straight cutting wire is mounted. The box holds a fan which cools the wire while cutting and a special spring compensating for hot wire stretching.

Introduced in September 2003, this High Strength Alloy **Wire** is composed of Nickel, Chrome, Cobalt, Molybdenum and Titanium. It provides great tensile strength and lets you cut with very high speeds and lasts for a long time. Depending on the machine, we offer the following dimensions: 0.25, 0.45 & 0.55mm

The Lathe is a fully automatic tool controlled by FoamShaper software which lets you cut all possible solids of revolution, such as columns, banisters etc. The material is mounted on a steel spikes located on a spike plate and on a lathe tail-stock.

Fully automatic **TurnTable** controlled by our FoamShaper software makes it possible to cut rotary figures, such as columns or spheres.



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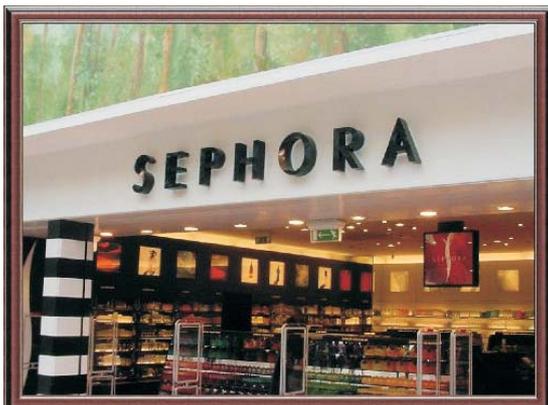
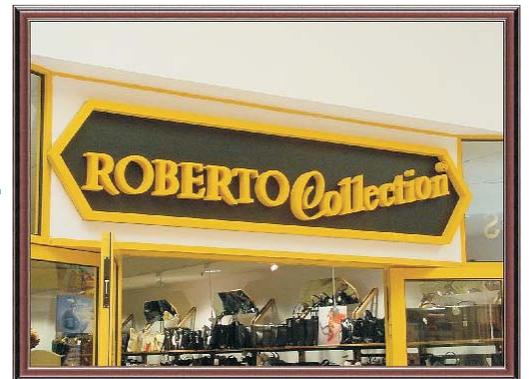
What can a foam cutter be used for?

Foam cutters have a very wide range of use and can be used for creating virtually any shapes out of extruded and expanded foams. Your imagination is their only limitation.

Below you'll find a short presentation of the most common applications foam cutters are used in.

LETTERING, LOGOS, 3-D SHAPES

How many times have you faced the problem of making complicated 3D logotypes? And all the already known methods seemed to be unsuitable or too expensive? MEGABLOCK will do everything - your imagination is its only limit.





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FAIR, THEATRE AND FILM DECORATIONS

There is no machine as useful as a MEGABLOCK when building fair stalls and film or theatre decorations. Its speed and cutting precision allow creating every set and stage design in short time and without spending a lot of money.



ARCHITECTURE ELEMENTS

Styrofoam architecture details (moulds, finials, banisters, keystones, parapet caps, balusters) covered with strengthening nets and stuccoes are becoming very popular, due to their light weight, easy assembly, precision of realization, price and the fact that they are environmentally friendly.





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ARCHITECTURE ELEMENTS





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thermal insulation:

quicker
cheaper
better



on-site report

thermal insulation of a house built in the PRAEFA system using the FS 20 foam 15,5 cm thick
total area of walls: **184 m²**.
realization time: **7 hours**
number of **workers: 2**

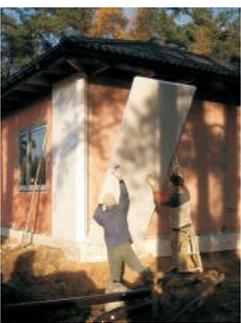
The **T 3000** Small foam cutter was installed at the construction site.
Installation time: 30 minutes. 15,5 cm-thick sheets are cut out of
50 x 120 x 300 cm blocks.



The first styrofoam element (120 x 300x 15,5 cm) is already installed on the front elevation. House corners are - in accordance with investor's wish - round.



Each element is - prior to installation - covered with a thin layer of glue. The entire element is mounted to the wall with 6 plastic pegs.



Second element is being installed.



Cutting and mounting of 5 elements/sheets of total area 18m² required only two workers and 45 minutes.



The window-area pieces will not be installed until the very end as they will be combined with the ornamental architectural elements also cut with a foam cutter.



Window-area elements. Thanks to the high precision of elements designed on a PC and cut on a foam cutters there are no thermal bridges between the adjoining elements.



Computer designing enables you to mould the surfaces in any way desired.



corner piece
(40 x 17 x 300 cm)



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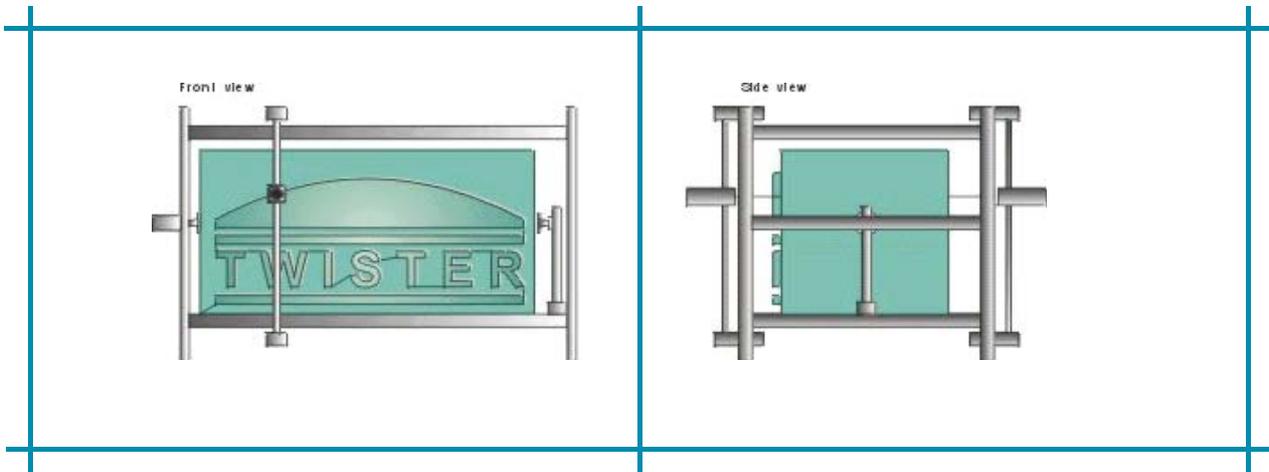
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How does a foam cutter work?

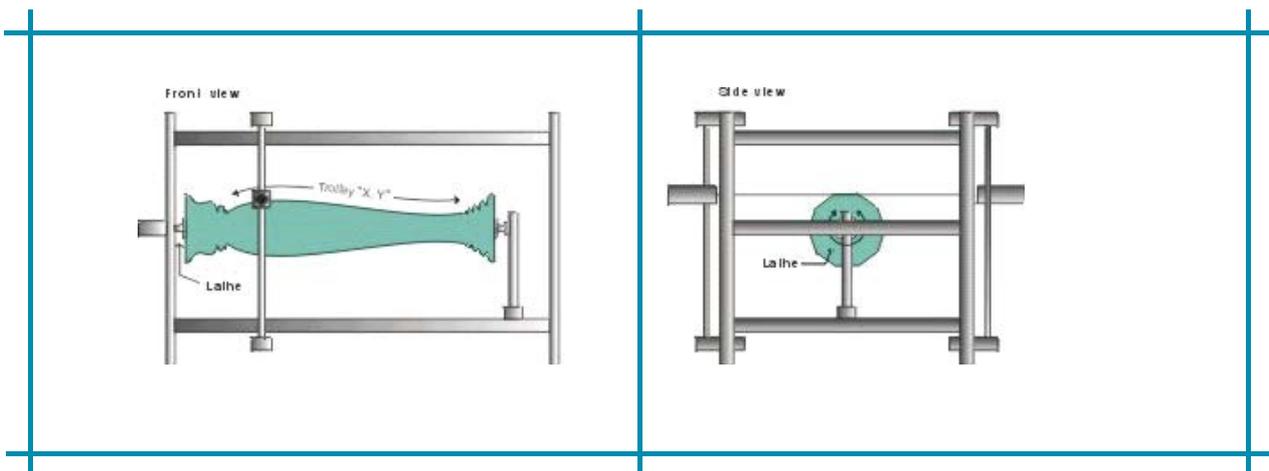
Cutting with Straight Wire

In the picture below you can see a foam cutter cutting an inscription (logo) in a block of Styrofoam. The trolleys with a resistant wire spread between them move freely in X and Y axis according to a drawing that has been generated e.g. in Corel. The third dimension corresponds exactly to a thickness of the material that is being treated. This cutting method is available in all the machines we produce.



Straight Wire + Lathe

All our foam cutters can be equipped with a lathe tool that allows cutting of all possible solids of revolution, such as columns, banisters etc. The material that is intended for treatment is mounted on steel spikes (spikes are located on the spike plate and on the lathe tailstock). Corel Draw software is sufficient for creating a solid of revolution project as the solid is defined with two lines only: axis of rotation and external shape. Depending on what is required, the number of solid sides is determined in the controlling FoamShaper software (ranging from 1 up to 2000). Thus, depending on the number of sides that was set in the software one can obtain e.g. four- or six-sided column. If the number of sides is big enough, one can obtain a perfectly smooth surface. While cutting a solid side, the lathe is also able to perform a rotational movement - it results in a spiral cutting line.





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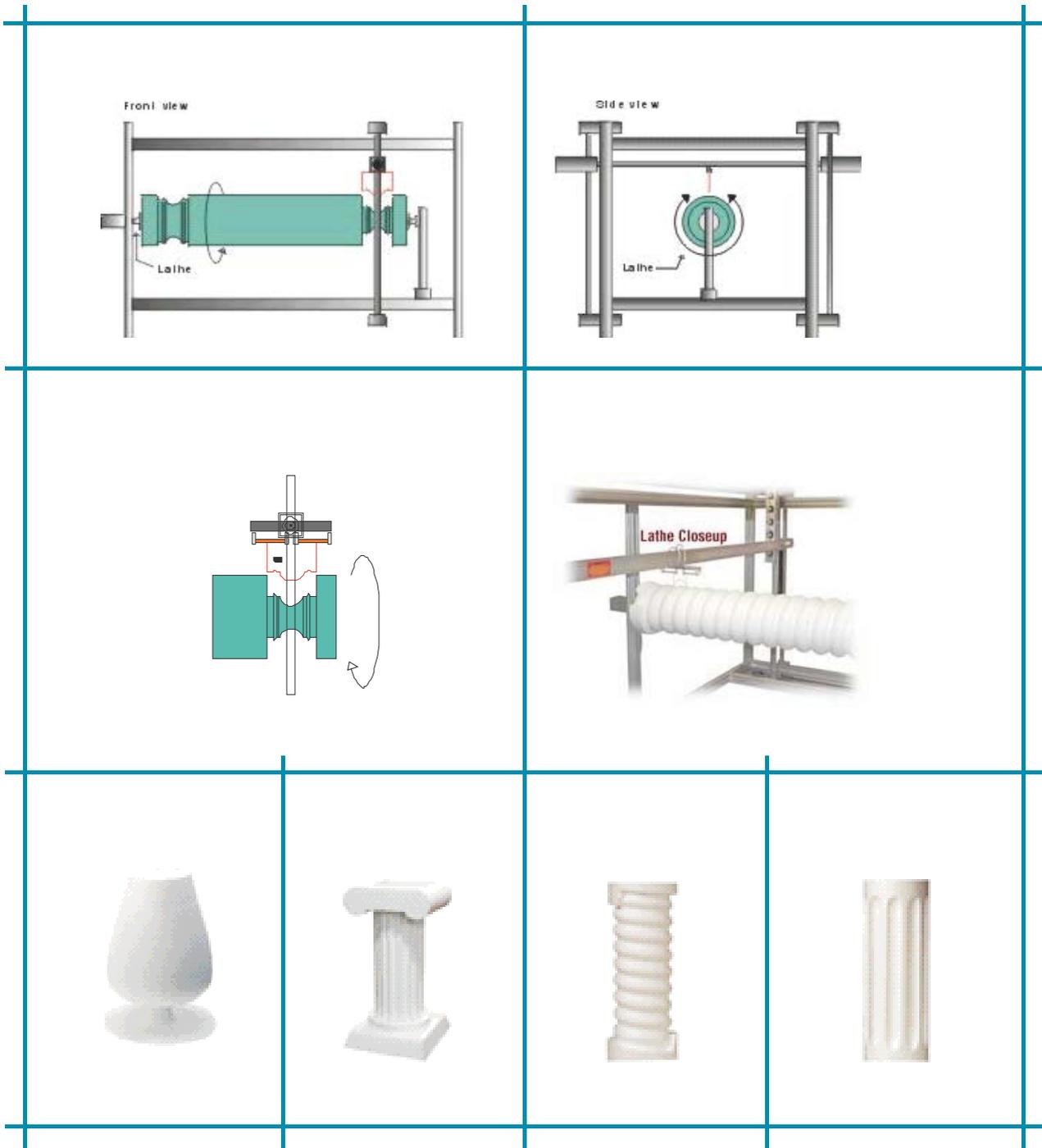
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ShapeWire Tool + Lathe

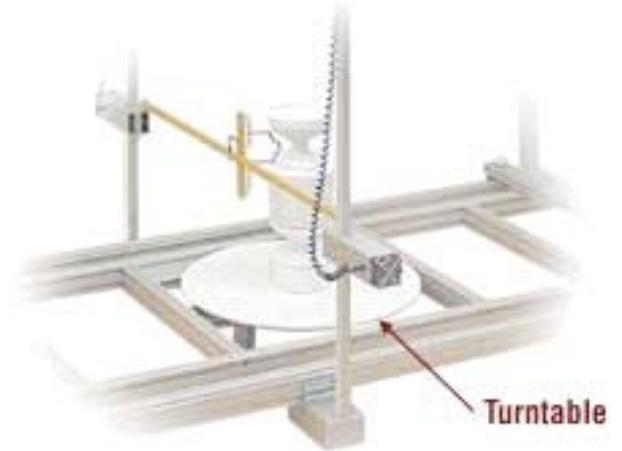
In most of our foam cutters there is a possibility of replacing the straight resistant wire with a shapeable wire tool. With a properly shaped bent wire that is mounted on the shapeable wire tool and with the use of lathe rotational movement you can do the incisions of any given shape in the previously prepared Styrofoam blocks. You can also make a longitudinal incisions (chiseling) taking advantage of the trolleys movement in X and Y axis.





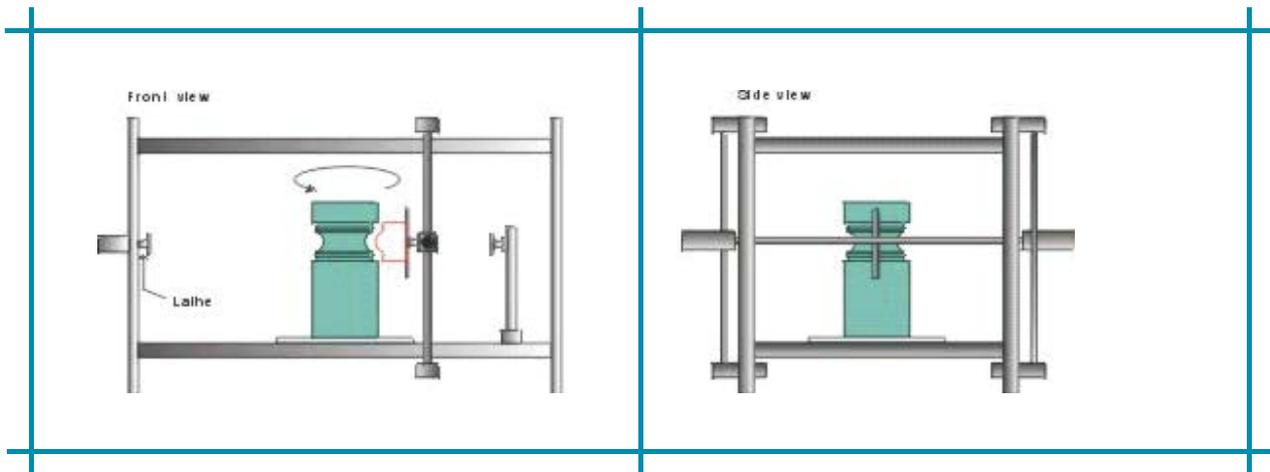
TurnTable

All our foam cutters can be equipped with a Turn Table - a very useful and offering unlimited possibilities device enabling you to cut out all the solids of revolution, including the sphere. The Turn Table is computerized and works in unison with the Hot Wire to produce "flat" 3D objects.



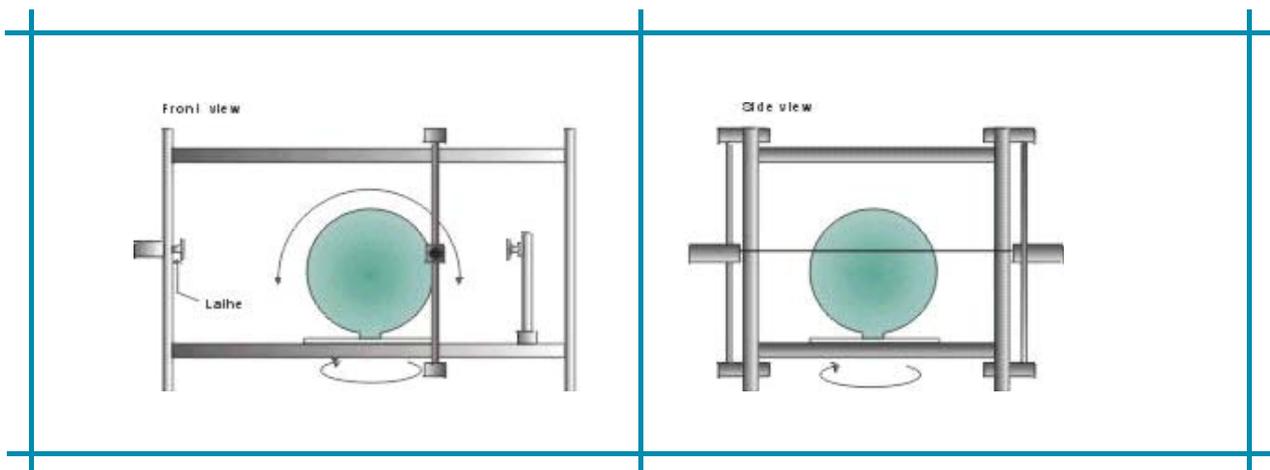
ShapeWire Tool + TurnTable

Cuts done with Lathe and Shapeable Wire can also be done with Turn Table and ShapWire Tool.



Straight Wire + TurnTable

With the use of a turntable and a straight resistant wire you can also cut a sphere and all similar shapes.





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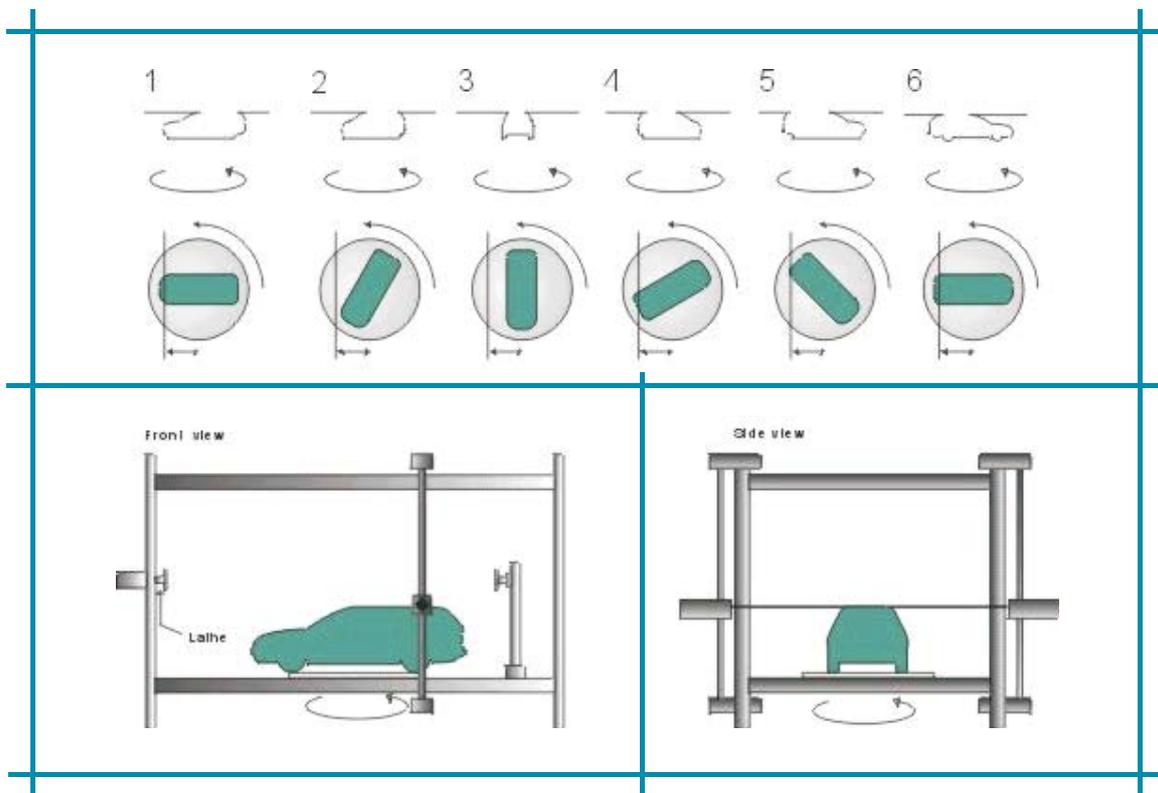
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Serial Cuts

FoamShaper software (standard for all foam cutter models) allows automatic serial cutting of multi-various objects/solids. The drawings (side views) can be created in Corel Draw. You may use pictures from a digital camera (converted to HPGL.plt files) for drawing preparation. This method (although time consuming) gives perfect opportunities of creating almost any 3D object.



The Electronic Controller is a unit responsible for the two-way communication between the foam cutter and your computer. It controls all the parameters of the foam cutter including the temperature, motors activity, etc. In the back of the controller there is a number of sockets where you plug in your Foam Cutter, Turn Table, Lathe and Shape Wire Tool. There is also a serial port which you use to connect your computer to the electronic controller. The controller has its own 4MB of RAM memory and can be supplied by either 220V or 110V.





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3 new series of MultiWire foam cutters:

MW 1300, MW 2500 & MW 3000



The MultiWire Option enables you to use as many as 10 wires at the same time. These 10 wires can be as close to each other as app. 4cm; however, this distance can be increased to 14cm. Also, you may choose to use e.g. only 2 wires, in which case you can cut 2 elements 61 cm high each.

In order to cut with up to 10 wires, the entire construction of the machine is altered. First of all it is strengthened so it remains stable regardless the size and weight of the material, as well as the fact that the trolleys go way up above the machine. Also, special planetary transmissions are used in order to enable a significant increase in the motor torque. Besides, all the cables are placed in special cable-casings so they do not interfere during cutting.

**Imagine the time and money you can save with the MultiWire foam cutters.
Up to 10 identical projects cut simultaneously.**

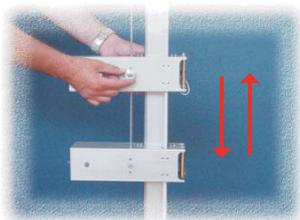
DoubleWire - 2 cutting wires

- available in the following series:

MEGABLOCK T 610
MEGABLOCK T 1300

MEGABLOCK T 2500
MEGABLOCK T 3000

In the Double-Wire Option, there is an additional Wire/Fan Housing placed above the standard one. This means you can cut with two wires simultaneously. The height of the extra Wire/Fan Housing can be adjusted so that the distance between the two cutting wires can be set as any value between 95mm and 610mm.



NEW

PNEUMATIC wire tensioning



In June 2004 we introduced the pneumatic wire tensioning. It's available as an extra- paid option in some models but comes as standard in cutters with 3-meter long cutting wires. This kind of wire tensioning increases the tension on the wire appr. 3 times when compared to standard spring tensioning. As a result, the maximum cutting speed is increased by over 200% with better quality cuts obtained at the same time.



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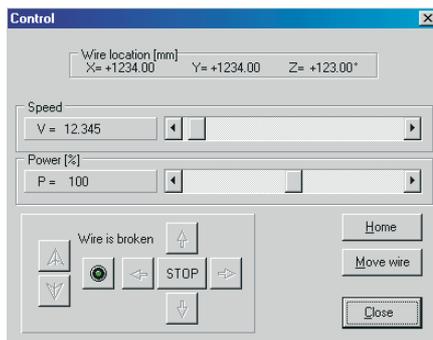
FoamShaper software

Each of our foam cutters with our in-house written Foam Software designed and written especially for foam cutters.

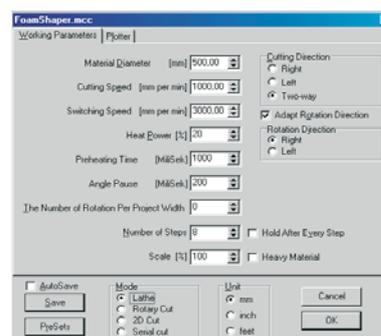
Although user-friendly and compatible with Windows 95, 98, NT, 2000 and XP, the FoamShaper software offers a variety useful features. Some of them are:

- HPGL.plt files import
- "auto-linking" of objects, e.g. letters
- scale
- project info: cutting time, speed, temperature, material size
- cutting control procedure
- cutting continuation after broken wire
- on-screen cutting simulation prior to cutting
- compatible with any graphics program exporting HPGL files, e.g. Corel Draw

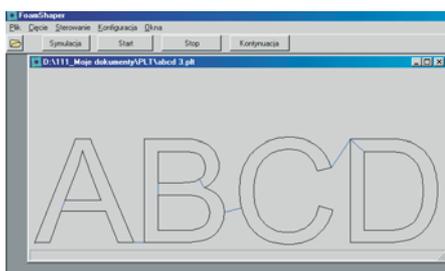
It does not matter whether you are cutting just single letters or highly complicated projects. Our FoamShaper software will help you cut just about anything, any way you want it. And it is free.



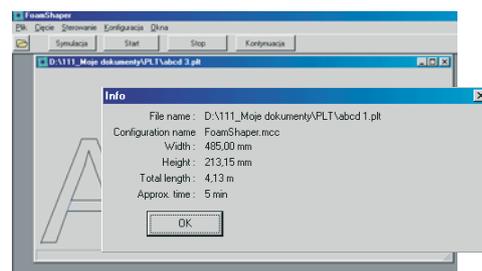
Manual Control



Working Parameters



Cutting letters



Project Info



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Technical Information

features common to all our foam cutters

(following pages will provide you with detailed information on specific models)

Wire Tensioning	automatic (spring) or pneumatic
Resolution	0,01 mm
Maximum Wire Movement Speed	3000 mm/min (1000mm/min for MultiWire series)
Wire Coolong Fans	2 micro-turbines (except for MW)
Number of Motors	6
Machine Frame	anodized aluminum
Safety Features	4 safety cut-off switches
Power Required	220V/50Hz or 110V/60Hz
Electronic Controller	autonomic, controlling the work of motors, 2-line display
PC Requirements	Pentium-class PC with a serial port (RS232)
PC Operating System Compatibility	Windows 95, 98, NT, 2000, XP
Suggested Graphics Software	Corel Draw or any other with HPGL.plt export
Warranty	5 years(ex-works; freight cost excluded)





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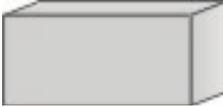
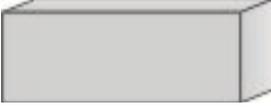
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MEGABLOCK P 60 Series

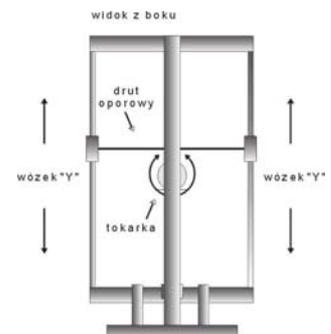
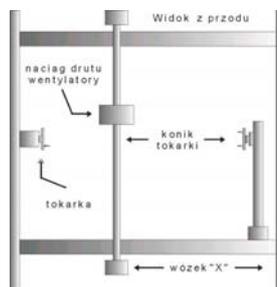
The **P 60** series - because of the wire length of 610mm - is primarily meant for lettering and logo cutting. The optional Lathe with the function of TuranTable makes it possible to cut such shapes as columns or spheres.

	P 60 Small	P 60 Medium	P 60 Large
Maximum material thickness	610 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,15 mm		
Maximum cutting speed	2800 mm/min		
Resolution	0,01 mm		
Lathe (with TurnTable feature)	option		
ShapeWire Tool	option		

		
<p>Material thickness: 61 cm Height: 122 cm Length: 129 cm</p>	<p>Material thickness: 61 cm Height: 122 cm Length: 244 cm</p>	<p>Material thickness: 61 cm Height: 122 cm Length: 305 cm</p>

**Modular frame -
size upgrades possible.**

**Cutting continuation
after the wire breaks.**





MEGABLOCK T 610 Shape Master + Series

The foam cutters of the MEGABLOCK T 610 series are - because of the wire length of 610 mm - mainly meant for cutting letters and logotypes. It differs from the P 60 series significantly: it has the dual X-axis drive (4 motors), strengthened and more stable TurnTable and Lathe construction. The option of installing a lathe makes it also possible to use these foam cutters for cutting rotary figures, such as columns or spheres.

	T 610 Small	T 610 Medium	T 610 Large
Maximum material thickness	610 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,15 mm		
Maximum cutting speed	3000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
ShapeWire Tool	option		
DoubleWire - 2-cutting wires*	option		

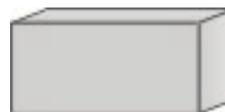
*ShapeWire Tool is not available with DoubleWire - please choose one of these options only

Modular frame - size upgrades possible.

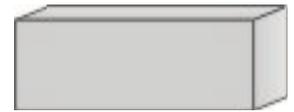
Cutting continuation after the wire breaks.



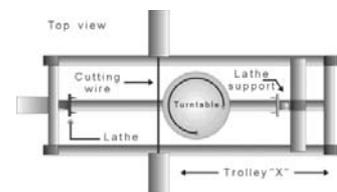
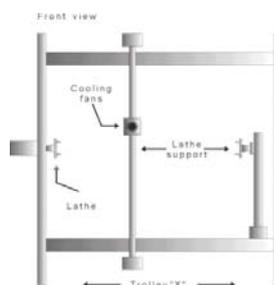
Material thickness: 61 cm
Height: 122 cm
Length: **129 cm**



Material thickness: 61 cm
Height: 122 cm
Length: **244 cm**



Material thickness: 61 cm
Height: 122 cm
Length: **305 cm**





MEGABLOCK T 1300 Shape Master + Series

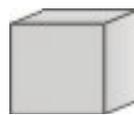
The foam cutters of the MEGABLOCK T 1300 series are because - of the wire length of 1300 mm - meant for cutting letters and logotypes, but there are also suitable for producing architectural details, such as moulds, finials, banisters. The option of installing a lathe makes it also possible to use these foam cutters for cutting rotary figures, such as columns or spheres. Also, thanks to the double-wire and multi-wire options these machines are perfect for serial production because of their great efficiency.

	T 1300 Small	T 1300 Medium	T 1300 Large
Maximum material thickness	1300 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,25 mm		
Maximum cutting speed	3000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
ShapeWire Tool	option		
DoubleWire - 2-cutting wires *	option		
Titanium Wire - TITANIUM NCR01	option		

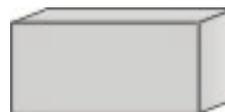
*ShapeWire Tool is not available with DoubleWire - please choose one of these options only

Modular frame - size upgrades possible.

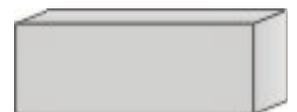
Cutting continuation after the wire breaks.



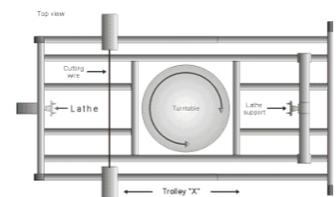
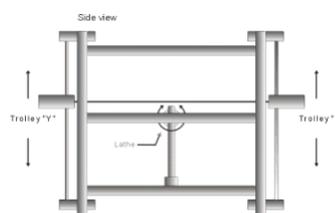
Material thickness: 130 cm
Height: 122 cm
Length: **129 cm**



Material thickness: 130 cm
Height: 122 cm
Length: **244 cm**



Material thickness: 130 cm
Height: 122 cm
Length: **305 cm**





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MEGABLOCK T 1500 Shape Master + Series

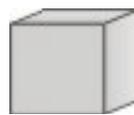
The foam cutters of the MEGABLOCK T 1500 series are because - of the wire length of 1500 mm - meant for cutting letters and logotypes, but there are also suitable for producing architectural details, such as moulds, finials, banisters. The option of installing a lathe makes it also possible to use these foam cutters for cutting rotary figures, such as columns or spheres. Also, thanks to the double-wire and multi-wire options these machines are perfect for serial production because of their great efficiency.

	T 1500 Small	T 1500 Medium	T 1500 Large
Maximum material thickness	1500 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,25 mm		
Maximum cutting speed	3000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
ShapeWire Tool	option		
DoubleWire - 2-cutting wires *	option		
Titanium Wire - TITANIUM NCR01	option		

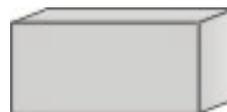
*ShapeWire Tool is not available with DoubleWire - please choose one of these options only

Modular frame - size upgrades possible.

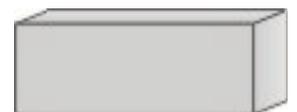
Cutting continuation after the wire breaks.



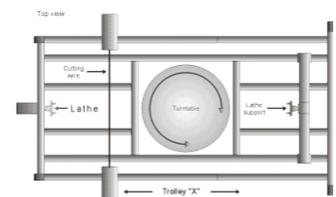
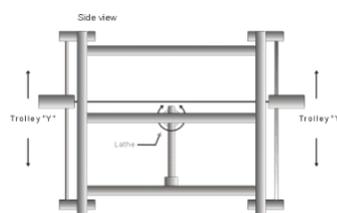
Material thickness: 150 cm
Height: 122 cm
Length: **129 cm**



Material thickness: 150 cm
Height: 122 cm
Length: **244 cm**



Material thickness: 150 cm
Height: 122 cm
Length: **305 cm**





MEGABLOCK T 2500 Big Shaper Series

The foam cutters of the MEGABLOCK T 2500 series are because of the wire length of 2500 mm mainly meant for cutting architectural details, such as moulds, finials, banisters. The large working area makes it possible to cut large-size spatial figures. The optional installation of a lathe and a turntable enables cutting rotary figures, such as columns or spheres. Also, thanks to the double-wire and multi-wire options these machines are perfect for serial production because of their great efficiency.

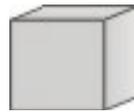
	T 2500 Small	T 2500 Medium	T 2500 Large
Maximum material thickness	2500 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,45 mm		
Maximum cutting speed	3000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
DoubleWire - 2-cutting wires*	option		
Titanium Wire - TITANIUM NCR01	option		
Pneumatic Wire Tensioning	option		

* ShapeWire Tool is not available with DoubleWire - please choose one of these options only

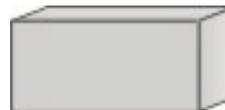
** Air-compressor is not included.

Modular frame - size upgrades possible.

Cutting continuation after the wire breaks.



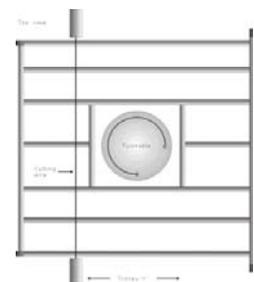
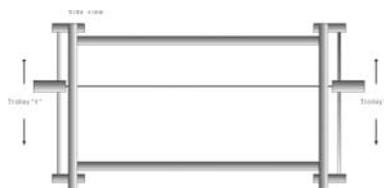
Material thickness:
250 cm
Height: 122 cm
Length: **129 cm**



Material thickness:
250 cm
Height: 122 cm
Length: **244 cm**



Material thickness:
250 cm
Height: 122 cm
Length: **305 cm**





MEGABLOCK T 3000 Big Shaper Series

The foam cutters of the MEGABLOCK T 3000 series are because of the wire length of 2500 mm mainly meant for cutting architectural details, such as moulds, finials, banisters. The large working area makes it possible to cut large-size spatial figures. The optional installation of a lathe and a turntable enables cutting rotary figures, such as columns or spheres. Also, thanks to the double-wire and multi-wire options these machines are perfect for serial production because of their great efficiency. .

	T 3000 Small	T 3000 Medium	T 3000 Large
Maximum material thickness	3050 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Cutting Wire diameter	0,45 mm		
Maximum cutting speed	3000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
DoubleWire - 2-cutting wires	option		
Titanium Wire - TITANIUM NCR01	standard		
Pneumatic Wire Tensioning**	standard		

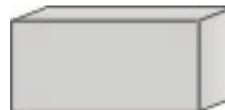
** Air-compressor is not included.

Modular frame - size upgrades possible.

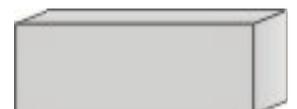
Cutting continuation after the wire breaks.



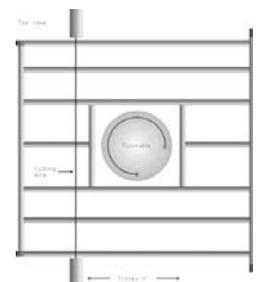
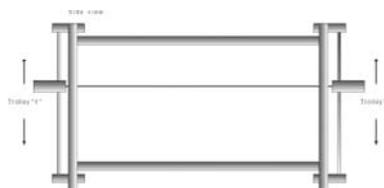
Material thickness: 305 cm
Height: 122 cm
Length: **129 cm**



Material thickness: 305 cm
Height: 122 cm
Length: **244 cm**



Material thickness: 305 cm
Height: 122 cm
Length: **305 cm**





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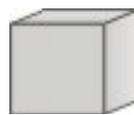
MW 1300 MultiWire Series

The **MW1300** MultiWire series thanks to the wire-length of 1300mm and the standard feature of 10 cutting wires is meant for a variety of serial-production applications such as cutting of architectural elements or simply serial lettering cutting, etc.

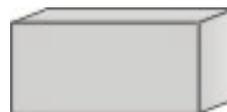
	MW 1300 Small	MW 1300 Medium	MW 1300 Large
Maximum material thickness	1300 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Number of cutting wires	up to 10		
Cutting Wires diameter	0,25 mm		
Maximum cutting speed	1000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
Titanium Wire - TITANIUM NCR01	standard		
ShapeWire Tool	option		

**Modular frame -
size upgrades possible.**

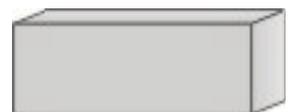
**Cutting continuation
after the wire breaks.**



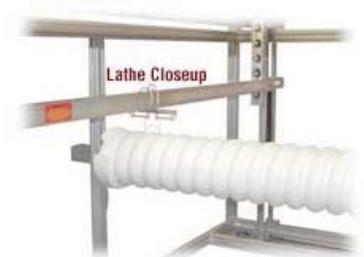
Material thickness:
130 cm
Height: 122 cm
Length: **129 cm**



Material thickness:
130 cm
Height: 122 cm
Length: **244 cm**



Material thickness:
130 cm
Height: 122 cm
Length: **305 cm**





MW 2500 MultiWire Series

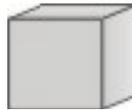
The **MW 2500** MultiWire series thanks to the wire-length of 2500mm and the standard feature of 10 cutting wires is meant for a variety of serial-production applications such as cutting of architectural elements or simply serial lettering cutting, etc.

	MW 2500 Small	MW 2500 Medium	MW 2500 Large
Maximum material thickness	2500 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Number of cutting wires	do 10		
Cutting Wires diameter	0,45 mm		
Maximum cutting speed	1000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
Titanium Wire - TITANIUM NCR01	standard		
ShapeWire Tool	option		
Pneumatic Wire Tensioning**	option		

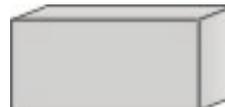
**** Air-compressor is not included.**

Modular frame - size upgrades possible.

Cutting continuation after the wire breaks.



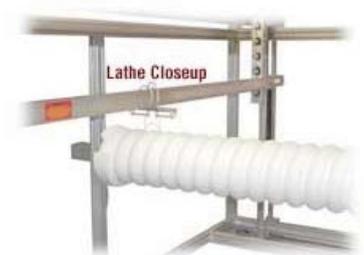
Material thickness:
250 cm
Height: 122 cm
Length: **129 cm**



Material thickness:
250 cm
Height: 122 cm
Length: **244 cm**



Material thickness:
250 cm
Height: 122 cm
Length: **305 cm**





MW 3000 MultiWire Series

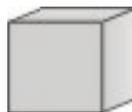
The **MW 3000** MultiWire series thanks to the wire-length of 3000mm and the standard feature of 10 cutting wires is meant for a variety of serial-production applications such as cutting of architectural elements or simply serial lettering cutting, etc.

	MW 3000 Small	MW 3000 Medium	MW 3000 Large
Maximum material thickness	2500 mm		
Maximum material height	1220 mm		
Maximum material length	1290 mm	2440 mm	3050 mm
Number of cutting wires	up tp 10		
Cutting Wires diameter	0,45 mm		
Maximum cutting speed	1000 mm/min		
Resolution	0,01 mm		
TurnTable	option		
Lathe	option		
Titanium Wire - TITANIUM NCR01	standard		
Pneumatic Wire Tensioning**	standard		

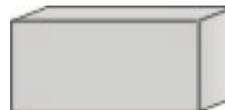
**** Air-compressor is not included.**

Modular frame - size upgrades possible.

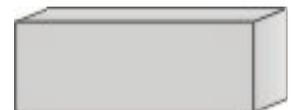
Cutting continuation after the wire breaks.



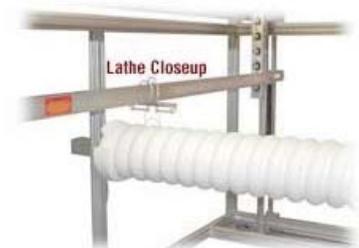
Material thickness:
300 cm
Height: 122 cm
Length: **129 cm**



Material thickness:
300 cm
Height: 122 cm
Length: **244 cm**



Material thickness:
300 cm
Height: 122 cm
Length: **305 cm**





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