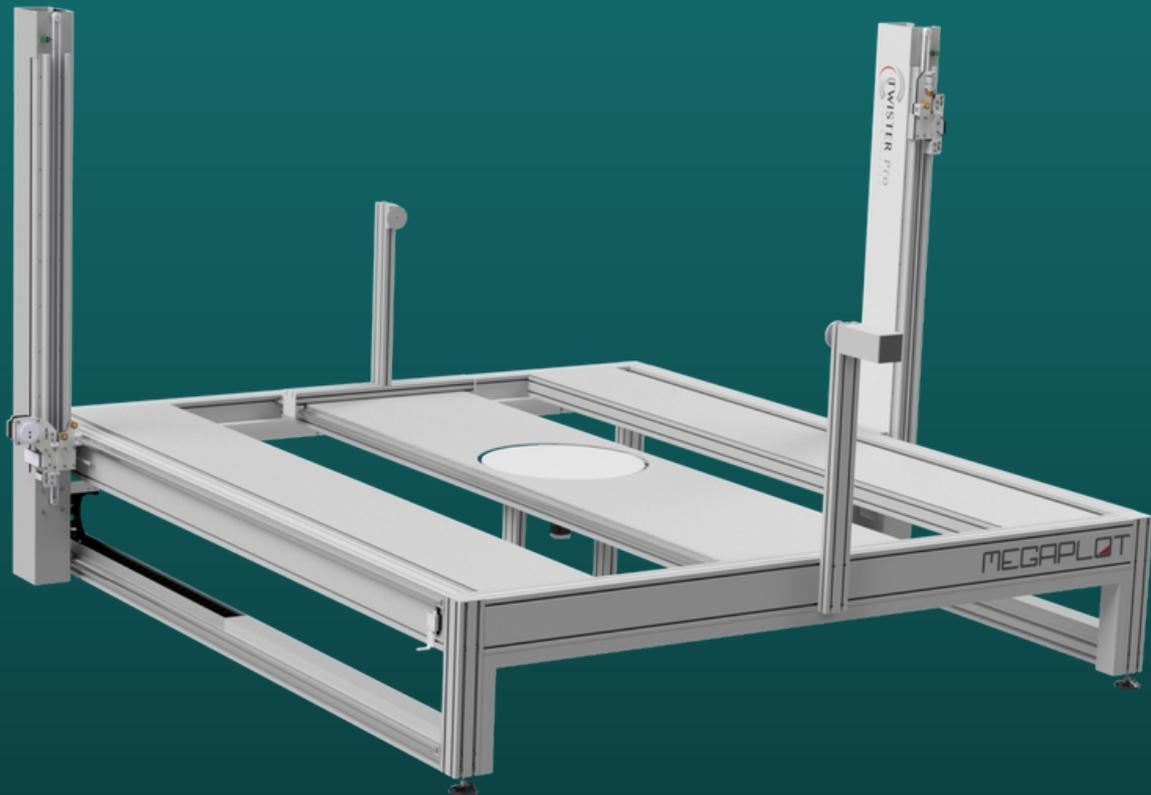


## CNC HOT WIRE FOAM CUTTERS



# MEGAPLOT

cnc machinery since 1997

MEGAPLOT was established in 1997 when its two co-founders and current co-owners built their first CNC hot wire machine. Over the last 23 years we have gained extensive experience in CNC machinery designing, manufacturing, selling and servicing. We are well-known for our excellent pre- and post-sale technical support appreciated by our customers worldwide. Our hot wire EPS and XPS hot wire foam cutting machines, XTR PRO fast wire cutters as well as 3D CNC Phidias routers are known not only for their reliability and innovation but also their ease of use - all this thanks for the fact we design and built our equipment from scratch, including all mechanical components, electronics design and manufacturing, as well as software coding.



We are proud to have developed into a company represented by over 45 distributors worldwide and having over 5500 customers in over 50 countries on 5 different continents.



Over the last 23 years we have designed and built thousands of standard CNC hot wire foam cutting machines, as well as tens of custom hot wire units and EPS cutting lines for our customers.

Whether you need a tiny lab cutter or a large EPS cutting line, make sure to contact us and we will be more than happy to assist you in the design process.

Regardless of size and features, all MegaPlot hot wire CNC EPS and XPS cutting machines come with:

- easy to use yet powerful iXshaper software (with unlimited free updates)
- modern ARM-based electronic controllers with USB support
- complete 5-YEAR WARRANTY (EXW, ex-works)
- our famous warranty- and post-warranty TECH SUPPORT

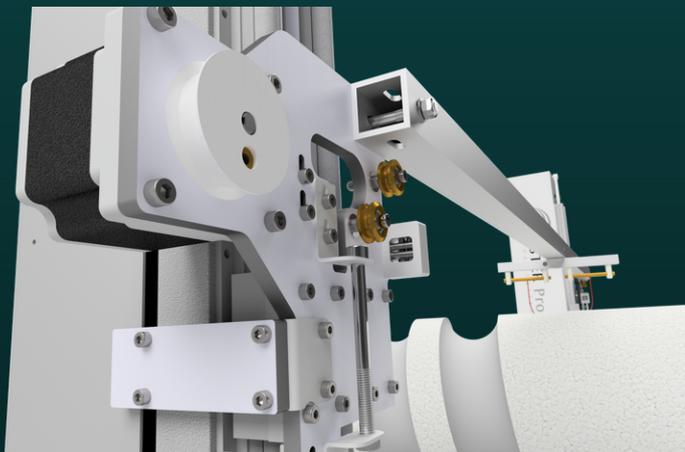
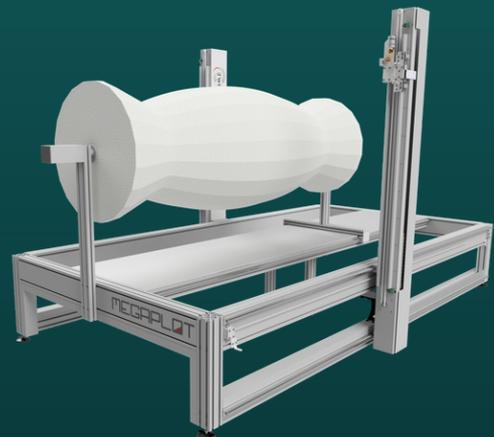
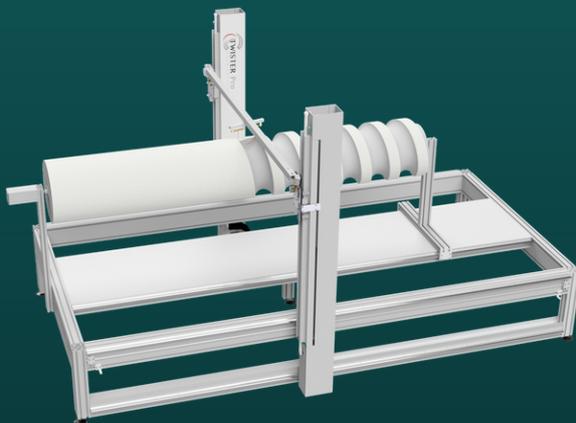


## TWISTER Pro

FOAM CUTTER

### HIGHLIGHTS:

- new 2020 series with a beautiful all new design
- built-in industrial Windows 10 touch PC
- unique independent axis control feature
- multiple 3D options - turntables, lathes, shapewire bar
- european quality with CE certification
- backed by Megaplot's 23+ years of manufacturing experience



## TYPICAL APPLICATIONS

- lettering and 3D shapes
- architectural elements (columns, banisters, balusters etc.)
- insulation
- warm windowsills
- construction
- large scale models
- trade show decor and display
- theatre and film decorations
- precast concrete moulds
- packaging industry
- QC & Lab testing



Standard models (custom sizes available upon request)

	WIRE LENGHT	MACHINE LENGHT
TWISTER PRO 1313	1300 MM (4 FT.)	1300 MM (4 FT.)
TWISTER PRO 1324	1300 MM (4 FT.)	2400 MM (8 FT.)
TWISTER PRO 1330	1300 MM (4 FT.)	3000 MM (10 FT.)
TWISTER PRO 1524	1500 MM (5 FT.)	2400 MM (8 FT.)
TWISTER PRO 2024	2000 MM (6 1/2 FT.)	2400 MM (8 FT.)
TWISTER PRO 2524	2500 MM (8 FT.)	2400 MM (8 FT.)
TWISTER PRO 3030	3000 MM (10 FT.)	3000 MM (10 FT.)
TWISTER PRO 4040	4000 MM (13 FT.)	4000 MM (13 FT.)

Available series

	STANDARD 2D	PLUS 3D
BUILT-IN WINDOWS PC	INCLUDED IN THE PRICE	
TITANIUM WIRE	OPTIONAL	INCLUDED
HANDHELD/REMOTE	OPTIONAL	INCLUDED
3D - IND. AXIS CONTROL	NOT AVAILABLE	INCLUDED
3D - TURNTABLE	OPTIONAL	INCLUDED
3D - HORIZONTAL LATHE	OPTIONAL	INCLUDED
3D - SHAPE WIRE BAR	OPTIONAL	INCLUDED
DOUBLEWIRE	OPTIONAL	OPTIONAL
WIRE TENSIONING	SPRING OR PNEUMATIC	MOTOR/ELECTRIC

## RESISTANT CUTTING WIRES

The resistant cutting wire reaches the temperature of a few hundred Celsius degrees during EPS cutting.

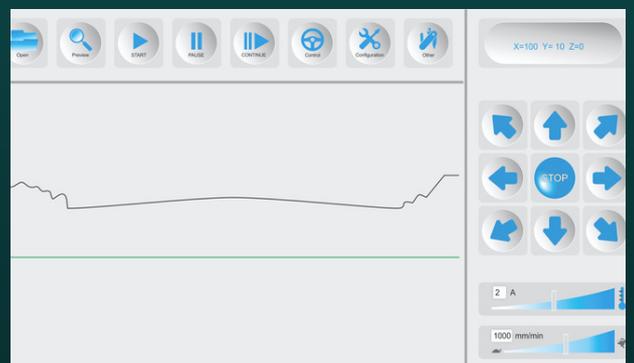
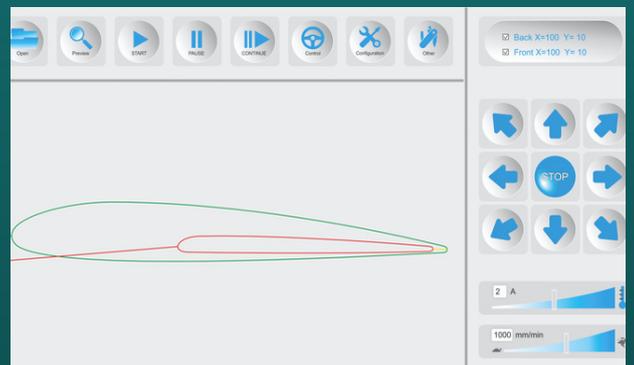
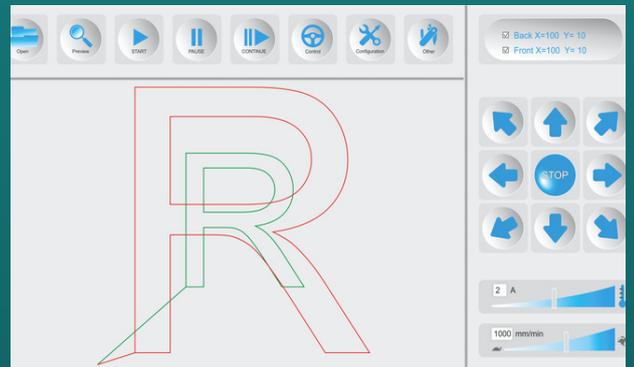
**TITANIUM ALLOY WIRE** - for more demanding customers, we have developed and are offering our custom-made, highest quality TitaniumWire - simply the best resistant wire on the market. While more expensive than the NiCr wire, TitaniumWire breaks less often and is much more stretch resistant at high temperatures. As a result, it can be tensioned much more which leads to much higher cutting speeds and improved cutting quality.

**NICR WIRES** - apart from our custom TitaniumWire, we also offer the industry standard NiCr alloy wire. It is suitable for most standard applications as it is inexpensive and typically lasts for up to 10 hours of cutting (more in case of larger diameters).



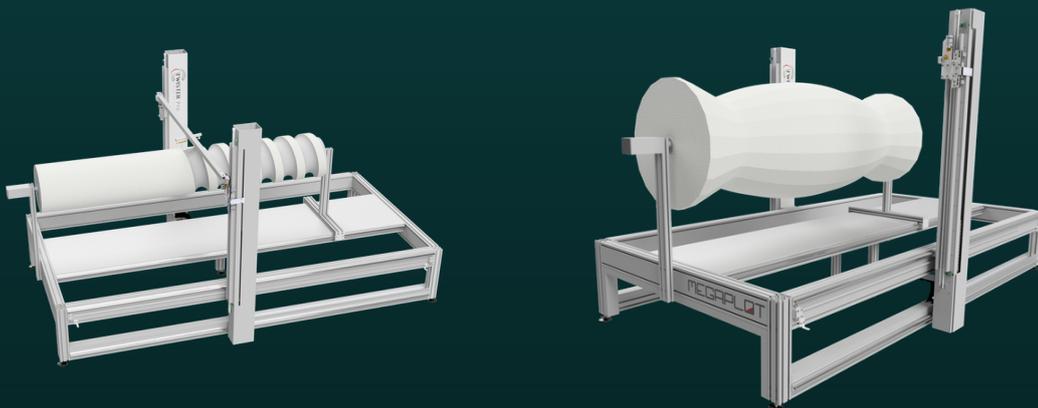
## IXSHAPER SOFTWARE

- unlimited free updates for all MegaPlot customers
- extreme ease of use yet lots of powerful features
- will work on any Windows PC with USB, including Windows 10
- available in 11 different languages
- complex 3D cuts made simple (based on your existing 3D models)
- built-in support for HPGL.plt (e.g. CorelDraw), dxf (e.g. AutoCad), RAW 3D (e.g. Rhinoceros 3D), EPS/AI (e.g. AdobeIllustrator), dxf 3D (e.g. AutoCad)
- multiple objects auto-linking & on-screen cutting simulation
- built-in sample drawings for each type of cut
- easy-to-use shape duplication feature
- auto-stop and continuation for a broken wire replacement



## OPTIONAL ACCESSORIES

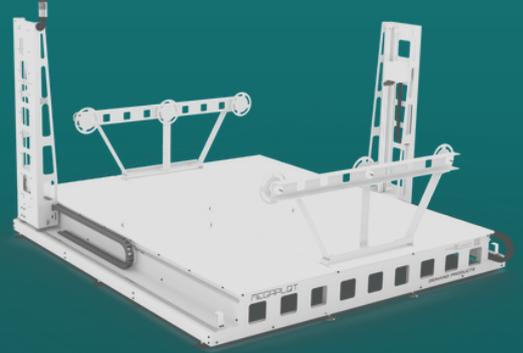
- **INDEPENDENT AXIS CONTROL** unique load cell and motor-controlled unlimited wire length change feature. Advanced software-based wire tension and heating control. Consistent wire temperature and tension regardless of current length. Will cut all kinds of tapered shapes. Material width and position calculations. Simple two-color drawings support and unlimited trolleys' offset
- **TURNTABLE 3D** cuts out of 3D models or a series of 2D files. Can cut any symmetrical or irregular shape, completely automatic mode & full manual control. Works with the straight cutting wire and also ShapeWire. Support for plt, dxf, EPS/AI, RAW 3D and dxf 3D. Powerful and precise movement mechanism. Up to 3 TurnTables on the same machine.
- **LATHE** perfect for columns and balusters. Easy-to-use with built-in rotary and lathe modes. Supports the straight cutting wire as well as ShapeWire. Create twisted shapes grooves, threads and similar 3D features. Software-controller but also full manual control. Up to 3 Lathes on the same machine
- **SHAPEWIRE BAR** - temporarily replaces the straight wire to produce interesting rotary shapes. Works with both TurnTable and Lathe. Perfect for grooves, threads and similar shapes. 1 mm thick shapeable wire (reusable), easy to install and remove when not needed
- **DOUBLE WIRE ADD-ON** - cut 2 identical shapes at the same time, adjustable for both vertical and horizontal cuts



## OUR OTHER MACHINERY LINES

### OPEN CONCEPT HOTWIRE CUTTERS

For contour and sheet cutting of EPS & XPS foams. Available in multiple sizes and configurations. Perfect for sloped roof cutting, architectural details, signage, packaging, insulation, molds for concrete, prototyping



### FASTWIRE XTR PRO CUTTERS

Powerful CNC fast wire cutters for cutting all types of flexible and rigid foams.



### PHIDIAS 3D CNC ROUTERS

Professional CNC routers with very attractive value for money. Heavy-duty industrial design and high end specs make it perfect for wood, plywood, PVC, plexiglass, dibond, eps, xps, aluminum, brass, copper etc.



## Testimonials

"We purchased our Megaplot 3D hotwire cutting machine in 2014. We've been amazed with the ingenuity and quality of the machine. Megaplot offers fantastic value for money and some of the best after sales support in the Market".

Jeremy Smith, Director of Custompac Ltd (UK)

"I have dealt with Rafal at Megaplot for a number of years and, whenever we have requested parts or had an issue with our foamcutter or CNC machine, have found his quick response and professionalism second to none. We are based in New Zealand so were concerned about how we would get on dealing with a company over in Poland, but are extremely happy with Megaplot!"

Karen van Tiel, Accumen Shapes Ltd. (NEW ZEALAND)

We are the leading factory in Sweden for signs, logos and models in EPS/XPS, acrylic, foamed PVC and such. We currently own 2 foam cutters and 1 Laser made by Megaplot. We are extremely satisfied working with Megaplot. Pre-sales, sales and after-sales/technical service excels at their points. Fast response, fast deliveries of material/parts when needed. Accurate, easy to use software for machines. Our experience of Megaplot is all the best in any way. We see a bright future together with Megaplot.

Johan Ljoner, co-owner of ScandExpo AB (SWEDEN)

"The Max Frank GmbH & Co. KG purchased the MegaPlot hotwire cutting machine in 2014. We use a multi-wire-system, a single-wire-system and a turntable to produce formwork elements for the construction industry. We are very satisfied with the machine, the price-performance ratio and the extremely good after-sales support."

Helmut Gürster, Max Frank GMBH & CO. KG (GERMANY)

"I have been working as Megaplot agent in Israel for over five years. The equipment is very reliable, effective and well built. Still our clients have required support from time to time. The response from Megaplot has always been immediate and generous. I wish all my suppliers were as effective and service minded as Megaplot."

Amir Ghitis, KLA Trade & Engineering (ISRAEL)

'Since this is our second model of foam cutter from MegaPlot over the years we can only tell its reliable machines. But sometimes questions pop-up and in those cases Rafal at Megaplot always been very fast and helpful in his response."

Martin Danning, Sign Up Form & Dekor (SWEDEN)

# MEGAPLOT

cnc machinery since 1997



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