MEGAPLOT SOFTWARE

iXshaper SOFTWARE

All our foam cutters come with MegaPlot's proprietary iXshaper software; iXshaper is user-friendly, versatile, innovative and a highly configurable software application.

iXshaper features include:
• HPGL.plt and dxf support (Corel Draw, AutoCAD, etc.)
• Object auto-linking
• 3D RAW support
• Scaling
• On-screen cutting simulation
• Full cutting control procedure
• Advanced duplication feature
• Complete parameters control: cutting & transfer speed, temperature, angle pause

UNLIMITED FREE UPGRADES
The iXshaper application is included in the price of your foam cutter. If a new version becomes available (new OS or file-type support, new features, interface or algorithm improvements), you get it free.

iXshaper NEW FEATURE - 3D RAW SUPPORT

A new, unique and exciting feature in FoamShaper software for creating Serial Cut files from 3D RAW models.

Requirements: MegaPlot foam cutter with a Turn Table and a 3DRAW model

Procedure: You start with a 3D model in Rhino3D or any other 3D software with RAW support (or you download free models from the internet), then you load it into iXshaper and set the required number of steps/facets (the more the smoother the shape but the longer the cut will take) and click "Cut".

ACCESSORIES

INDEPENDENT AXIS CONTROL

Our **Independent Axis Series,** with variable wire length control makes your cutter even more versatile.. Apart from regular 2D cuts, rotary cuts and serial cuts, your foam cutter can also cut tapered shapes or any other shape with two different path lines at the two ends of the cutting wire.
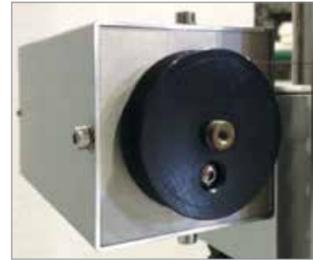
For example, if you want the left trolley to cut a **circle** and the right one to cut a **square** at the same time, it would be no problem. This feature allows for endless shapes and creativity in your foam designs.
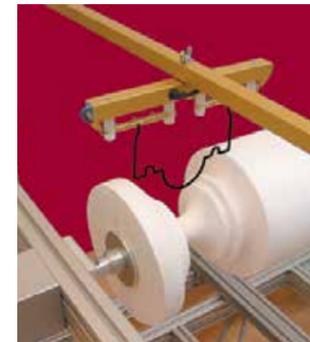
SHAPE WIRE TOOL

Shape Wire Tool is an iXshaper-controlled, fully-computerized accessory available for most of our foam cutters. When used with the Turn-table or the Lathe, the ShapeWire Tool enables the operator to cut; grooved, chiseled, hollow and symmetrical shapes. It uses special 1 mm bend-able wire (pre-shaped by the operator) and then mounted either horizontally or vertically. The fact that the material is simultaneously being rotated by the Lathe or the Turntable means there is an almost unlimited number of shapes you can design.

TURNTABLE

Turntable is an optional device available for all our foam cutters. The high quality stepper motor fixed to a state-of-the-art planetary transmis-sion turns your material while it's being tooled by either the straight, resistant hot wire or the optional Shape Wire. The Turntable allows the operator to produce all kinds of 3D shapes, both symmetrical (e.g. sphere, columns) and asymmetrical (e.g. spray bottle, car, etc.).

EASY COAT SILVER

EASY COAT SILVER

Automatic Foam Coater with or without Fiber Mesh. Fast setup is the key. Install the template pattern, adjust the foam profile width and input speed, fill the hopper and place your foam for coating.

• Footprint: 57" x 62" of Floor Space
• HD Stainless Steel and Aluminum Construction
• Profiles from 2" to 36" Wide and 18" High
• Sprocket Feed Depth Controls
• 110 or 220 Volts
• One Year Warranty

ARCH/BASE CUTTER

ARCH/BASE CUTTER

Cut and design custom arches and bases with ease and simplicity. This cutter is ideal for custom home building, shopping mall interiors, Hollywood prop designers and builders looking to bring classical elements to their structures.

• Table Size Approximately 39" x 58" with 37" Table Height
• Arch: up to 20"w x 10"h   • Base: up to 43"w x 30"h
• Cuts Compound Curves and Negative for Precast Concrete
• Auto Start & Stop when Shape Wire is Moved In/Out of Foam
• Minimum Arch Internal Radius of 5" & External Radius of 10"
• 220 Volts at 16 Amps. Will Heat Up To 60" of 11 Gauge or NWFW Wire

CNC Wire Machines & Foam Shapers

MEGAPLOT
A Demand Products Partner

WHAT IS A CNC FOAM CUTTER?

The CNC Foam Cutter is a machine controlled by a PC computer capable of cutting any 3D objects out of extruded and expanded polystyrene foams (EPS and XPS). The cutting is performed with a resistant hot wire moving in the vertical and horizontal axes through the use of stepper motors controlled by an electronic controller connected to the PC and controlled with iXshaper software. Almost any 2D or 3D shape prepared in graphics software (Corel Draw AutoCAD, Rhino3D, etc.) can be loaded in FoamShaper and cut in foam in minutes! All our units can be equipped with Turntable, Lathe, Shape Wire Tools and other additional add-ons making them truly versatile and limited only by the operator's imagination.

Contact us and arrange for your personal demonstration of the MegaPlot CNC Machines. 1.800.325.7540 or email info@demandproducts.com

DEMAND PRODUCTS AND MEGAPLOT

MegaPlot was established in 1995 when its founders built their first prototype foam cutter. For the past 17 years MegaPlot has grown and has become the world leader in hot wire foam cutting machines. The company was known to a few, making inroads into Germany, Italy , France, Spain and the home country of Poland. In 1997 a strategic alliance was formed with Demand Products, where Demand would be the exclusive partner/distributor of MegaPlot machines and a design partner for North America. With over 1500 machines sold worldwide, MegaPlot and Demand Products continue to grow and innovate the foam cutting industries.
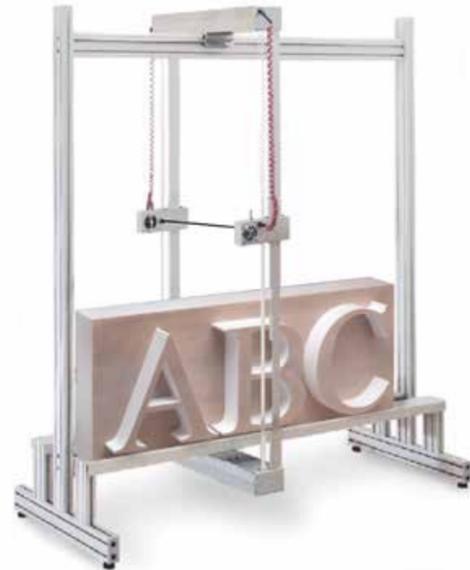
P-SERIES

MEGAPLOT P-SERIES

This is an inexpensive and very popular series, perfect for start-up sign shops and other small businesses from the small family business to professional sign makers. The P Series comes in three different lengths and can be equipped in Turntable/Lathe as well as Shape Wire Tool.

Cutting wire lenght: 24 inches
Number of cutting wires: 1

Available Options:
- Turntable/Lathe
- Operates on 110V
- ShapeWire Tool
- 5 Year Warranty

All MegaPlot CNC Machines equipped with iXshaper Software, monitor, hard drive, mouse & keyboard. Stand NOT included.

C848

MEGAPLOT C848

This successful series enjoys a wide customer base due to a wide variety of available sizes and optional equipment. The MegaPlot C848 can come with a Turntable, Lathe, Shape Wire Tool, Independent Axis Control and many other features which turn your cutter into a truly versatile machine. While custom machines are of course available, the wide selection of standard sizes in the C series satisfies the majority of foam cutting needs.

Cutting wire length: 24", 50", 60", 98" or 118 inches
Number of cutting wires: 1

Available Options:
- Turntable
- Independent Axis Control
- Lathe
- Shape Wire Tool
- TitaniumWire
- Operates on 110V
- Pneumatic Wire Tensioning
- 5 Year Warranty

TW848i   Top Selling MegaPlot Model

MEGAPLOT INDEPENDENT AXIS TW848i

Our **Independent Axis Series,** with variable wire length control makes your cutter even more versatile. Now apart from regular 2D cuts, rotary cuts and serial cuts, your foam cutter can also cut tapered shapes or any other shape with two different path lines at the two ends of the cutting wire. You can set the left trolley to cut a circle and the right trolley one to cut a square at the same time. This design feature allows for flexibility and creativity with you foam cutting.

Cutting wire lenght: 24", 50", 60", 98" or 118 inches
Number of cutting wires: 1 or 2

Available Options:
- Turntable
- Lathe
- Shape Wire Tool
- Double Wire
- Titanium Wire
- Independent Axis Control
- Pneumatic Wire Tensioning
- 5 Year Warranty
- Operates on 110V

MW848

MEGAPLOT MULTI-WIRE MW848A

This is a truly industrial series with up to ten wires cutting simultaneously the very same shape. Imagine the time and money you can save by having e.g. ten cornices cut at the same time. Depending on your needs, the wire length available varies from 50" to 118 inches. Pneumatic wire tensioning is available on machines exceeding 10 feet.

Cutting wire length: 50", 60", 98" or 118 inches
Number of cutting wires: 10

Available Options:
- Turntable
- Lathe
- Shape Wire Tool
- 5 Year Warranty
- Pneumatic Wire Tensioning
- Operates on 220V

CREATING SOLUTIONS FOR THE FOAM INDUSTRY

DEMAND FOAM
S Y S T E M S