

Economical CNC Foam Cutter Helps Industries

Expanded polystyrene (EPS) foam is used in the theming, construction, and many other industries. The new 8300 computer controlled (CNC) hot wire foam cutter by Hotwire Direct is a breakthrough in price and functionality for custom cutting EPS foam.

May 26, 2008 - [PRLog](#) -- The new 8300 computer numerical controlled (CNC) foam cutting machine from Hotwire Direct (<http://www.hotwiredirect.com>) is for those who want a high quality entry-level and portable CNC foam cutter. The 8300 CNC can cut many types of foams including expanded polystyrene (EPS) foam.

EPS is used for architectural foam, sign-making, theme designs, props, energy efficient building systems, creating molds for decorative precast concrete, and block-outs for cast-in-place concrete. EPS foam enables you to produce designs at a fraction of the cost and time of traditional materials.

Base Model:

The 8300 CNC design is based on our premiere CNC models which use the same hand held control pendant, software, and quality high speed motors. The first noticeable difference between the 8300 CNC and other Hotwire Direct models is the absence of a cutting table. This allows for shop space flexibility. The secondary side of the machine can literally be picked up and placed with the primary side when not in use, allowing for maximum functionality within a limited floor space.

The base model of the 8300 CNC comes with two cutting wires and cutting lengths from as short as 2' (0.6m) to an expansive 16'-4" (5m) and has cut speeds up to 55 inches (1.4m) per minute and rapid speeds of 1,200 inches (30.5m) per minute. All CNC machines come standard with independent axis control, a must have feature for creative work such as tapered columns and creating draft angles on concrete molds.

Options:

The 8300 CNC also has the option of the foam lathe, turntable, and bowl/planter cutter. The rotary axis makes easy work of belly columns, ball finials, and fountain and planter molds.

The optional bar code scanner is used to call up job files by simply scanning the bar code on the print out of the profile. The print out contains the profile shape and dimensions of the foam blank needed to make the cut. The bar code scanner helps eliminate error, especially when there are multiple people involved in the process and multiple jobs to be done.

Training, Tech Support and Warranty:

The 8300 CNC is shipped partially assembled. It includes 2 days of training at the customer's location to ensure the purchaser is up and running with the machine right away. Telephone tech support is available and the warranty is 1 year for electronics and 3 years for mechanical parts.

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About Hotwire Direct: We are a US manufacturer and worldwide exporter of hot wire foam cutting machines for use in the architectural foam, precast concrete, insulation, sign making, theming, theater and film set building, sculpture, and packaging industries. Our machines are also used for industrial design in the military and aerospace industries.

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