

Uses of the Thermal Cutter



Foam cutter is a computer control device, which uses nickel-chromium resistant wire, which is warming up to temperature about 800°C. Wire heat emission cause material evaporating in its close environment, and in the same way gives the "cutting" effect. Digital control of foam cutting work parameters, in connection with creation possibility of custom materials library creation, cause, that final elements are very precise. Wide range of available finishing techniques allows to create illusion of different materials. Project created in such way are well looked and not expensive.

THERMOCUT foam cutters can cut any of spatial objects in materials with density to 60 kg/m³ and, which can be thermal processed These are: foamed polystyrene, styrodur, polyurethanes mass, and other.

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Advertising:

- ❑ large-format outdoor advertisements
- ❑ decorative lettering, company logos, trademarks
- ❑ trade graphics
- ❑ shop stand development
- ❑ market stand development

Architecture:

- ❑ elements of doors and gateways, portals, colonnades
- ❑ cornices and keystones
- ❑ corners and columns
- ❑ decorative features
- ❑ interior fittings
- ❑ set design elements for film and theater productions

Other uses:

- ❑ casting moulds
- ❑ packaging
- ❑ furniture
- ❑ pipe covering
- ❑ filters and isolations
- ❑ acoustic shields
- ❑ designing and modeling

Advantages:

- ❑ possibility of creating specific spatial project without any dimension limitations
- ❑ created components have high strenght on atmospheric conditions
- ❑ wide finishing material selection
- ❑ low production cost
- ❑ quick device repayment