

COMPOSITE AND HONEYCOMB MATERIALS FOR LASER AND WATER JET CUTTING

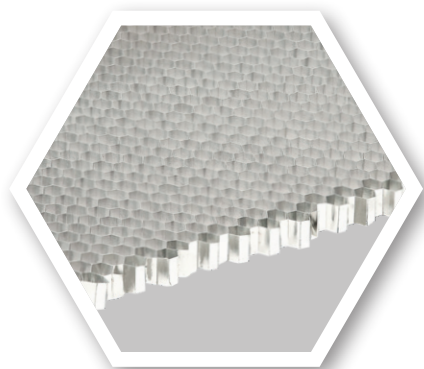
Since 1992 CEL has been supplying composite materials and components for many applications; among them laser and water jet cutting machines.

Laser jet cutting and engraving machines, made of aluminium honeycomb, are suitable for manufacturing products for different sectors: from footwear to textiles, from gift items to furnishings, from modeling to advertising, using different materials, from paper to plastic, from rubber to plexiglass, from wood to acrylic.

Even water jet cutting machines with honeycomb worktops, such as polypropylene realize different types of objects.



ALUMINIUM HONEYCOMB



The 3000 aluminium series, available in 3 and 6 mm diameter hexagonal cells with anti-corrosion treatment and with thicknesses chosen by the customer, is the most suitable element for laser cutting working tables. It is perfect for cutting wood, acrylic, plexiglass, paper, plastic, rubber and many other non-metallic materials.

The aluminium honeycomb working tables for laser cutting machines are particularly suitable when processing small details which, without adequate support, would fall off the cutting table.

Aluminium honeycomb is lightweight, resistant to compression and shear, incombustible and recyclable.

It is available in different dimensions: blocks, unexpanded sections, expanded sheets.

POLYPROPYLENE HONEYCOMB

The sheets in polypropylene honeycomb covered with non-woven fabric are used for water jet cutting tables.

They reduce misting and splashing, are robust, practical to handle and economical.

Thicknesses on customer request.



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