The high pressure water jet stone cutter

The most efficient and economical technology for cutting mineral materials is undoubtedly the high pressure water jet.

The hardness of these materials necessarily requires the addition of an abrasive in order to obtain an irreproachable cut quality.

These materials are widely used in the many building and decoration trades.

No technical limits, no shapes, only the imagination of the designers and creators is put to the test.

Cut stone, sandstone, earthenware, ceramics, tiling

In the fields of architecture and decoration, floors and walls are surfaces conducive to the creation of frescoes or aesthetic scenes that embellish both the house or the swimming pool of a private individual and the floor of a center.

commercial.

With the water jet, all mosaic games are allowed.

Cutouts made for a shopping arcade - Carrefour Quetigny

Cut Marble, Granite

Often used in the area of high-end kitchen fittings, marble and granite are ideal for making worktops.

Whether it is to obtain an aesthetic exterior shape or to create a technical opening to integrate an accessory or any other thing ... cutting by high pressure water jet allows all freedom.

Cutting Mirrors and Glasses

The mirror and glass applications that we encounter are mainly related to decoration.

Below is the cutout of a mirror intended to insert it into a somewhat peculiarly shaped "niche"!

Some additional examples of waterjet cut parts:

3mm thick Kerlite worktop cutout.

Tile logo for law firm decoration.

Decorative tiles in the shape of waves cut from Travertine.

Stone rosette for pool bottom.

Decorative mosaic in porcelain stoneware.

Cutting of fiber-reinforced concrete slabs for the building.

Materials: steel waterjet cutting, ceramic waterjet cutting and flexible material cutting

With pure water:

Flexible materials such as rubber, cushioning foam, felt gaskets, tarpaulins, featherboard, etc.

Plastics (PVC, PP, PE)

Polystyrene, bakelite, rock wool

With the addition of an abrasive:

Metal sheets (steel Instrument in operation for water jet cutting. From 0.5 to 100 mm)

Non-ferrous metals (stainless steel, brass, copper, titanium, aluminum, etc.) from 1 to 100 mm

Polymer: composites (Dibond) and thick plastics (shielding)

Glass, stone, ceramic

Features of water jet stone cutting machine

Thicknesses: 0 to 100 mm

Maximum format: 2000 × 2000 and 1450 × 1000

Cutting diameter of 0.15 mm with pure water and 1.8 mm with abrasive

+ or - 1 / 10th to + or - 2 / 10th depending on thickness

Learn more about water jet