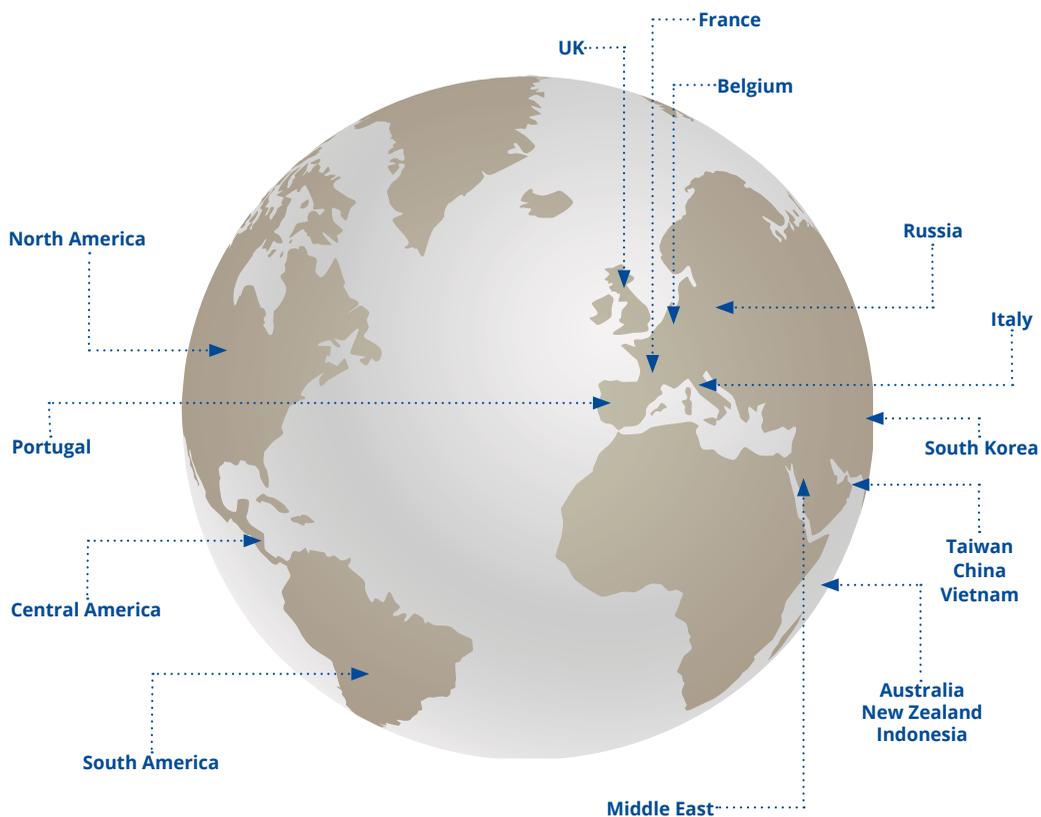


# Soft Materials Machinery



by ZIPOR

[www.ceigroup.net](http://www.ceigroup.net)



### Key Benefits

- ▶ Dimensions of the work table: 3.000 x 1.500 mm, 6.000 x 1.500, 1.000 x 3.000, 3.000 x 3.000 or 6.000 x 3.000
- ▶ Maximum speed: 50 m/min
- ▶ Cutting head: pneumatic, electrical, or mechanical
- ▶ 1 or 2 independent cutting heads
- ▶ Off-line or in-line hides digitalization
- ▶ Material position automatically acquired by Artificial Vision
- ▶ Automatic and/or interactive nesting
- ▶ Video projector for the collection of pieces
- ▶ Materials and orders management system
- ▶ Samples, pre-serie and production cutting
- ▶ Real time leather stock control
- ▶ Multiple areas automatic controlled vacuum system
- ▶ Up to 11 tools
- ▶ Less skill operators needed
- ▶ Daily reports
- ▶ Online technical support

### Applications

- ▶ Leather
- ▶ Composites
- ▶ Foams
- ▶ Textiles
- ▶ Rubber
- ▶ Plastic

### Advantages System

- Material savings between 2 and 8%;
- Cutting dies not required;
- Quick response and increased flexibility and productivity;
- High cutting efficiency and quality.

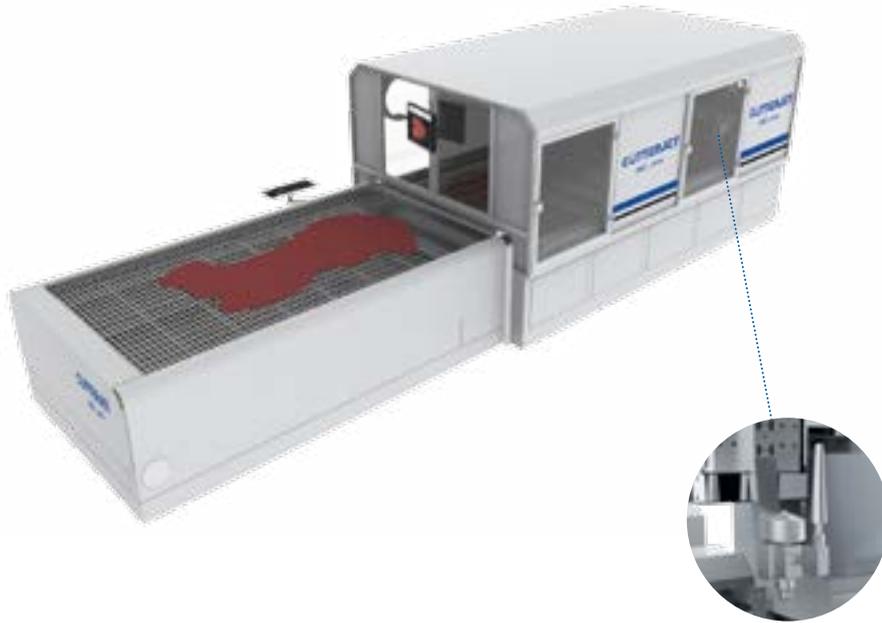
### Mission

The development and manufacturing of **STATE OF THE ART MACHINERY** makes part of our mission, as well as transparent partnership relation with our customers and suppliers, never neglecting the environment preservation.



# CutterJET

WATER JET CUTTING SYSTEM  
FOR LEATHER AND SYNTHETIC MATERIALS



## Key Benefits

- ▶ Dimensions of the work table: 3.000 x 1.500 mm, 2.000 x 1.500 or 3.000 x 3.000
- ▶ 1 or 2 independent cutting heads
- ▶ Maximum speed: 50 m/min
- ▶ 2 automatic loading system
- ▶ Leather scanning system  
Material position automatically acquired by
- ▶ Artificial Vision
- ▶ Automatic and/or interactive nesting
- ▶ Video projector for the collection of pieces
- ▶ Materials and orders management system
- ▶ High pressure pump
- ▶ Vapor extraction system
- ▶ Samples, pre-serie amd production cutting
- ▶ Real time leather stock control
- ▶ Less skill operators needed
- ▶ Daily reports
- ▶ Online technical support

## Applications

- ▶ Leather
- ▶ Rubber
- ▶ Plastics
- ▶ Fiberglass
- ▶ Carbon fiber
- ▶ Composites
- ▶ Foams
- ▶ EVA

## Advantages System

- Material savings between 3 and 9%;
- Cutting dies not required;
- Hard materials cutting capacity;
- Quick response and increased flexibility and productivity;
- High Cutting Quality;
- Productivity increasing.

# SampleJET One

WATER JET CUTTING SYSTEM  
FOR SAMPLES AND PROTOTYPES



## Key Benefits

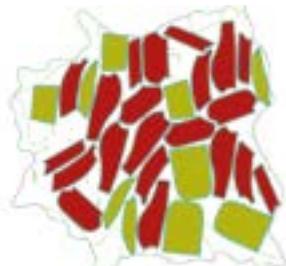
- ▶ Dimensions of the work table: 1.500 x 1.000 mm
- ▶ Maximum speed: 50 m/min
- ▶ 2 automatic loading system
- ▶ Material position automatically acquired by  
Artificial Vision
- ▶ Vectorized scanned images
- ▶ Automatic and/or interactive nesting
- ▶ Video projector for the collection of pieces
- ▶ Cutting management system integrated
- ▶ High pressure pump
- ▶ Vapor extraction system
- ▶ Samples and small series
- ▶ Import files DXF, HPGL, ISO and VMD
- ▶ Daily reports
- ▶ Online technical support

## Applications

- ▶ Leather
- ▶ Rubber
- ▶ Plastics
- ▶ Fiberglass
- ▶ Carbon fiber
- ▶ Composites
- ▶ Foams
- ▶ EVA

## Advantages System

- High performance at low cost;
- Saves time and reduces waste;
- High flexibility;
- Cutting dies not required;
- Hard materials cutting capacity.



# SampleJET Twin

WATER JET CUTTING SYSTEM FOR LEATHER  
WITH 2 WORK STATIONS



## Key Benefits

- ▶ Dimensions of the work table: 1.500 x 1.000 mm
- ▶ Maximum speed: 50 m/min
- ▶ 2 independent working table
- ▶ 4 automatic loading system
- ▶ Material position automatically acquired by Artificial Vision
- ▶ Vectorized scanned images
- ▶ Automatic and/or interactive nesting
- ▶ Video projector for the collection of pieces
- ▶ Cutting management system integrated
- ▶ High pressure pump
- ▶ Vapor extraction system
- ▶ Samples and small series
- ▶ Import files DXF, HPGL, ISO and VMD
- ▶ 2 Operators per shift
- ▶ Daily reports
- ▶ Online technical support

## Applications

- ▶ Leather
- ▶ Rubber
- ▶ Plastics
- ▶ Fiberglass
- ▶ Carbon fiber
- ▶ Composites
- ▶ Foams
- ▶ EVA

## Advantages System

- High cutting capacity and quality;
- Low maintenance costs;
- Cutting dies not required;
- Material saving up to 3%;
- Hard materials cutting capacity.

# SintexJET

WATER JET CUTTING SYSTEM  
FOR SYNTHETIC MATERIALS



## Key Benefits

- ▶ Dimensions of the work table: 3.000 x 1.600 mm, 2.000 x 1.600 or 3.000 x 3.000
- ▶ 1 or 2 independent cutting heads
- ▶ Maximum speed: 50 m/min
- ▶ 2 automatic loading system
- ▶ Material position automatically acquired by Artificial Vision
- ▶ Automatic and/or interactive nesting
- ▶ Video projector for the collection of pieces
- ▶ Cutting management system integrated
- ▶ High pressure pump
- ▶ Vapor extraction system
- ▶ Hard materials cutting capacity
- ▶ Import files DXF, HPGL, ISO and VMD
- ▶ Daily reports
- ▶ Online technical support

## Applications

- ▶ Rubber
- ▶ Plastics
- ▶ Fiberglass
- ▶ Carbon fiber
- ▶ Composites
- ▶ Foams (up to 100 mm)
- ▶ EVA

## Advantages System

- Material saving between 5% and 15%;
- Low maintenance costs;
- Cutting dies not required;
- Productivity increasing;
- High production;
- Hard materials cutting capacity.





### Key Benefits

- ▶ Useful work table dimensions: 400 x 400 mm
- ▶ High speed cutting and marking laser
- ▶ Beam type CO<sub>2</sub>, 100 - 400 W
- ▶ Galvanometer system of 2 or 3 axes
- ▶ Double table automatic movement on rails
- ▶ Efficient dust exhaust system incorporated
- ▶ Cooling system by water Chiller
- ▶ Low maintenance costs
- ▶ Import files HPGL, DXF, BMP, GIF and JPG

### Applications

- ▶ Leather
- ▶ Textiles
- ▶ Ceramics
- ▶ Woods
- ▶ Acrylic
- ▶ PVC

### Energia Laser system advantages

- High performance in engraving;
- High reliability;
- Easy to program;
- High velocity and precision;
- Flexible and ergonomic.

### Key Benefits

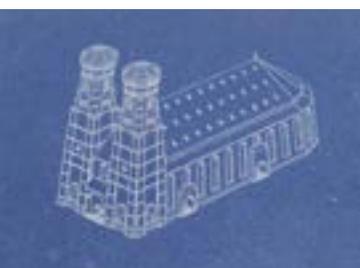
- ▶ Engraving area 200 x 200 mm for each exposure
- ▶ Galvanometer system 3D
- ▶ Anthropomorphic robot with 6-axis of 16 kg
- ▶ High speed cutting and marking laser
- ▶ Type beam CO<sub>2</sub>, 200 W
- ▶ Manual load or online
- ▶ Efficient dust exhaust system incorporated
- ▶ Cooling system by water Chiller
- ▶ Low maintenance costs
- ▶ Control system integrated

### Applications

- ▶ Footwear

### Energia Laser system advantages

- Possibility to rough any type of shape;
- High precision;
- High roughing speed;
- Adhesion increasing;
- Optionally can be integrated in sole-injection automation line.



# Laboratory Equipments

TEST AND QUALITY CONTROL FOOTWEAR EQUIPMENTS



Slip resistance tester



Electronic Dynamometer



Falling mass shock absorption tester



Chainsaw cut resistance tester



Walking simulator



Thermal foot



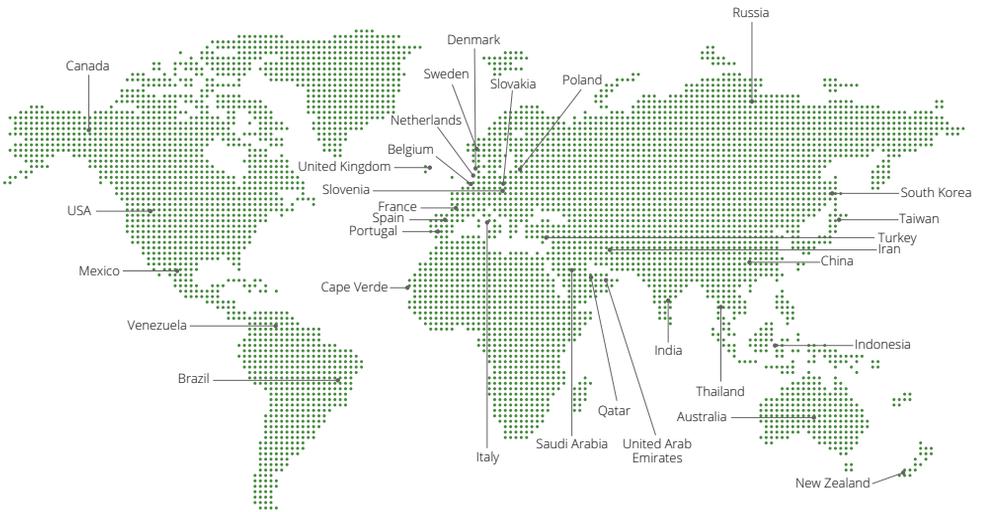
Radiant heat tester



Whole shoe flexing machine

# EQUIPAMENTOS INOVADORES MADE FRIENDLY

## Machines and Equipments Installed in the World



**CEI - Companhia de Equipamentos Industriais, Lda**

Rua dos Açores, 278 Zona Industrial das Travessas

3700-018 São João da Madeira, Portugal

Tel +351 256 831 411 E-mail: sales@zipor.com

GPS 40° 54' 11.68" N 8° 28' 49.02" W

www.ceigroup.net



8810 Place Ray-Lawson  
Anjou (Quebec) Canada  
H1J 1Z2

www.hudsoncutting.com

Toll Free: 888-210-1655

Certified Company:

