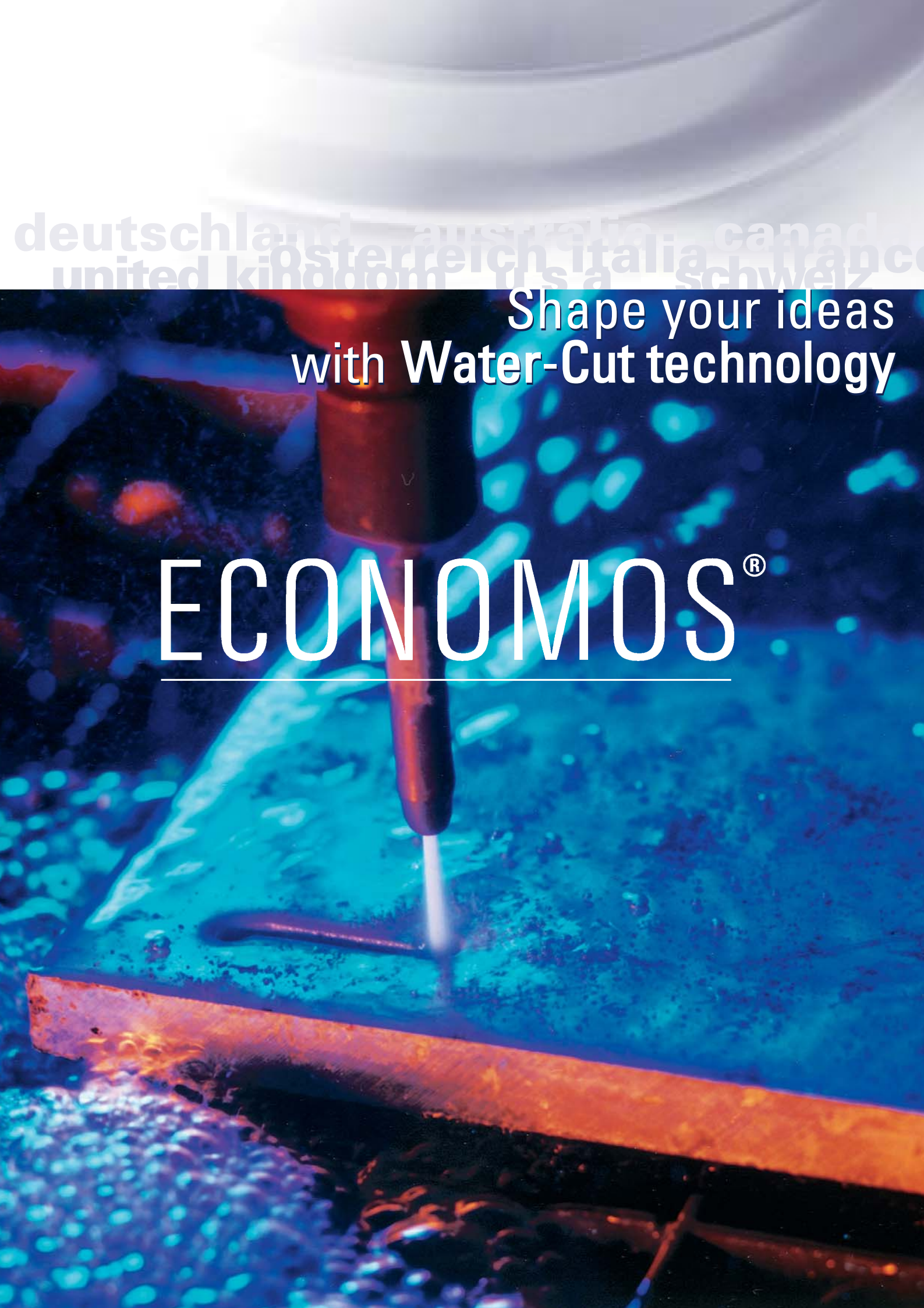


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Shape your ideas
with **Water-Cut** technology

ECONOMOS[®]

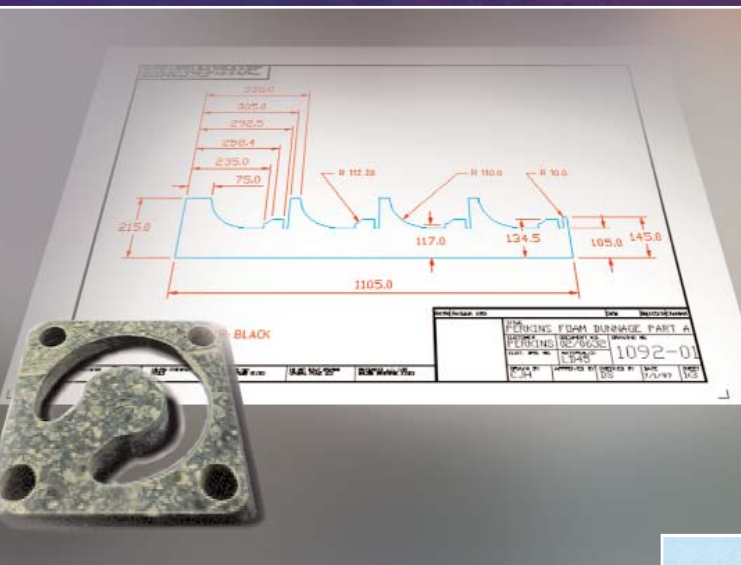


WaterCutting

Shaping your ideas with Economos' Water Cut Technology

ECONOMOS is a market leader in the Sealing Industry by providing engineered solutions and materials to original equipment manufacturers and the aftermarket.

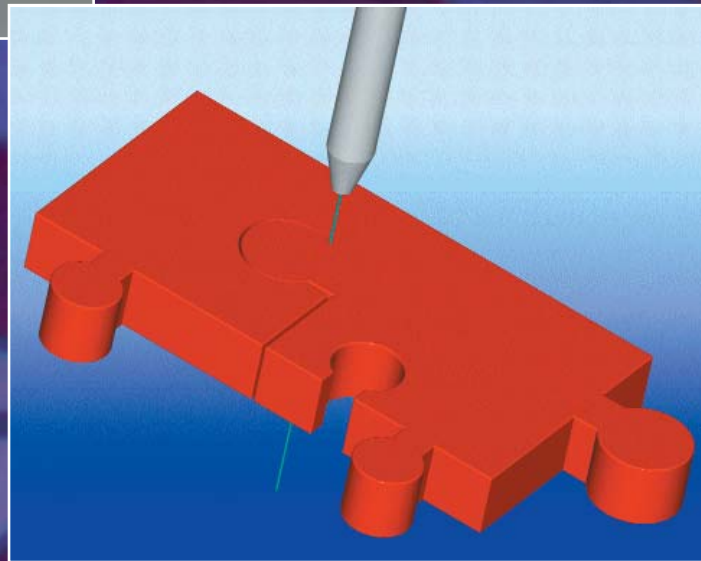
If you can draw it we can make it!



The Water-Jet Principle:

Water-Jet is a system which uses a low volume stream of water just larger than a human hair and by pressurizing to 50,000 PSI creates a precision micro-machining instrument capable of cutting the most durable of sheet material.

By using the most up to date CAD/CAM equipment ECONOMOS are able to offer a complete service package from design, prototyping, production and after sales service, which makes conventional Gasket Cutting methods almost obsolete:-



- **No Tooling means rapid response and quick delivery.**
- **Complex designs and tight tolerances.**
- **CAD drawn components are manufactured exactly.**
- **No mould or tool charges.**
- **Cutting capability from soft rubber to hardened titanium.**

Water-Jet

Materials:

By Introducing an abrasive media with Water-Jet, it can give the system capabilities of cutting up to 20mm titanium without experiencing changes in molecular structure.

With Water-Jet it is simple and easy to produce Gasket or Flat profile components in minutes not weeks. Along with minimal material handling and optimum nesting techniques this makes the Water-Jet system extremely cost effective.

We are able to cut an extensive range of materials from stock and have the capability to produce components in all of the following up to a thickness of: -



Plastics:

Nylon
Polypropylene Sheet
Polyethylene Sheet
P.V.C.
P.T.F.E.
Tufnol
ABS
Polyurethane
UHMPWE

General:

Brass
Copper
Titanium
Materials
Mild Steel
Aluminium
Stainless Steel
R.F.I Sheilding
Carbon Fibre
Ceramics
Iron
Non Asbestos Jointing
Sponge/ Foam
Materials
Felt
Leather
Marble
Glass
Timber

Rubbers:

Neoprene
Nitrile
Natural
E.P.D.M.
Viton
Silicone



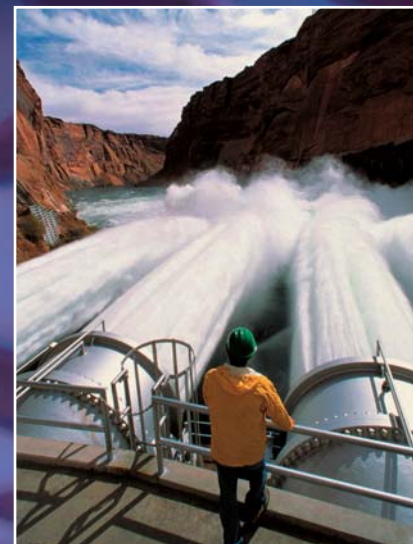
Free issue material cutting service also available

Applications:

Economos sealing systems haven proven themselves for many years in a wide variety of industries world wide. Our customers are national and international enterprises, working in: -

Offshore/ Refinery
Steel Mills
Marine
Hydraulic
Pneumatic
Pumps & Valves

Pharmaceutical
Food Processing
Automotive/ Racing
Mining etc.



ECONOMOS®



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