



Techserv

Plasma, gas, waterjet and special purpose profile cutting machines designed and manufactured in the UK by Techserv Cutting Systems Ltd.

Techserv also develop and sell specialist software including CAD programming software, machine performance software and efficiency monitoring software.

Our cutting machines are sold throughout the world and operate daily in hostile conditions. We work to high standards but don't just take our words for it,

"I've been dealing with them for 12 years, I trust their advice and they're always at the end of a phone if I've got any problems"

Tata Steel

"The best technical team I've come across"

Air Products Ltd

"Well engineered machines that just keep on going"

Profiles UK Ltd

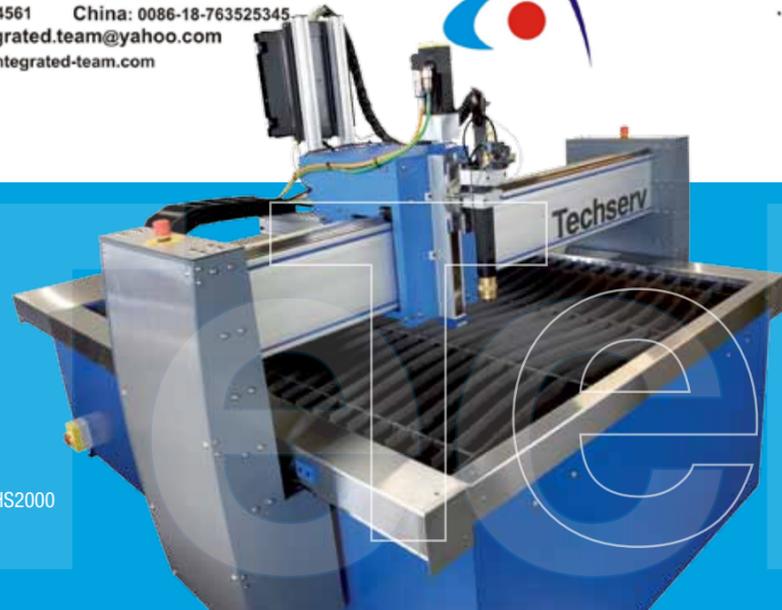
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ت: ٠١٨٨٨٩٢٢٠٠ ت: ٠١٨٨٨٩٢٢٥٥
فلكس: ٠٠٨٦١٨٧٦٣٥٢٥٣٤٥ الصين: ٠٢-٣٣٨٥٤٥٦١
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designcredo



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Techserv

plasma gas waterjet cutting machines

www.techserv.co.uk



Special purpose machine cutting 180mm steel pins in Siberia





Techserv is a specialist UK designer and manufacturer of CNC profile cutting systems.

We believe that simplicity is the key to making products that are easy to install, operate and maintain.

Through superior construction, materials and by reducing the complexity inherent in other machines our range offers,

- speed
- accuracy
- ongoing reliability and long life

We use modern, innovative manufacturing methods: water jet and laser cutting along with premium materials such as stainless steel and aluminium.

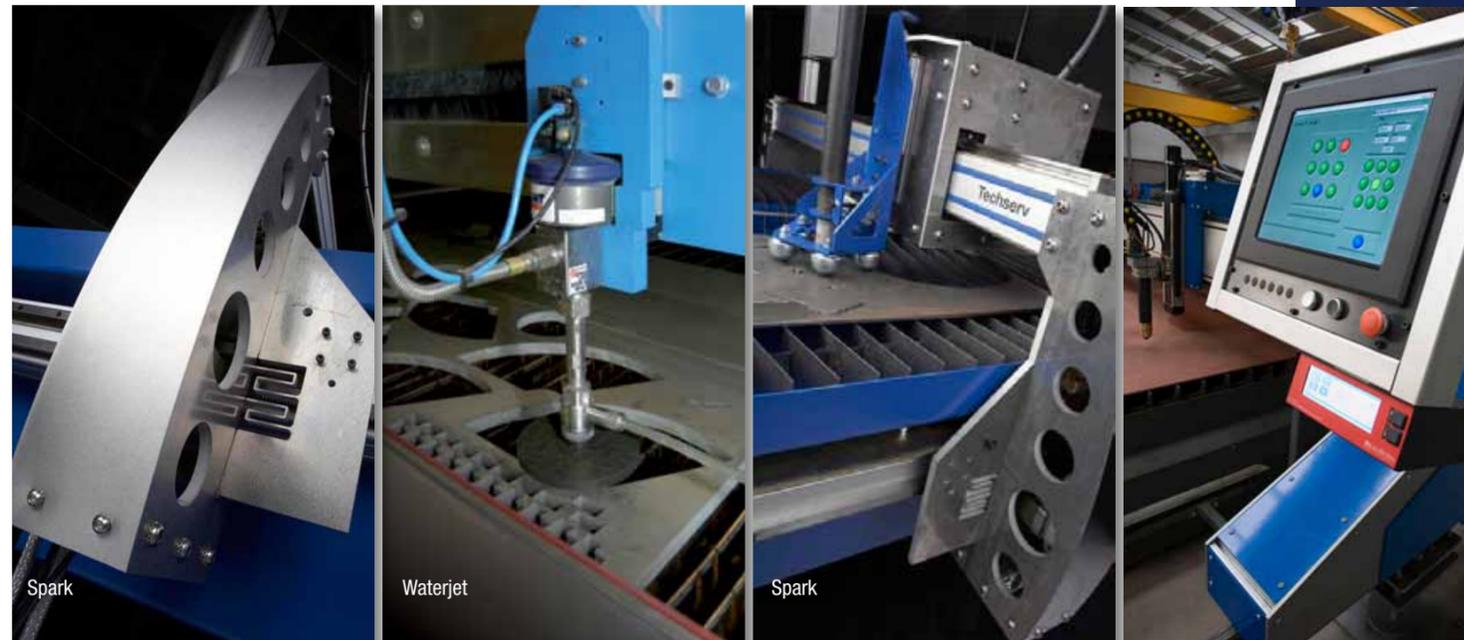
Techserv believe using these materials, particularly aluminium, offers multiple performance advantages over traditional mild steel including,

- low weight
- strength
- resilience and dynamic performance

Controller

All our machines include the Techserv PC based CNC system. Designed specifically for profile cutting machine applications, the controller features unrivalled ease of use and superior profiling performance.

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Techserv CNC Controller

Our machines include the Techserv PC based CNC controller, designed specifically for profile cutting machine applications including plasma, gas, water jet, routing and tangential knife cutting.

With an emphasis on accessibility, the software is not only easy to use and learn but offers many advanced features such as dynamic repositioning, plasma height sense control, and automatic gas pressure adjustment.

The Techserv CNC is a PC based 2.5D shape cutting controller, suitable for gas, plasma, water jet and other applications.

The controller is based on a PC system running Windows 7 with an external 8 axis motion controller DSP capable of controlling a wide variety of drive systems, AC, DC or stepper.

Spark	Blue Marlin	GP2000	HS2000	HS4000	GP5000	Water Jet
Plasma	Plasma	Plasma Gas	Plasma	Plasma Gas	Gas Plasma	Water Jet
1m x 1m to 1m x 2m	1.5m x 3m	1.5m x 3m to 3m x 10m	1.5m x 3m to 2m x 4m	3m x 6m to 5m x 30m	3m x 6m to 6m x 30m	1m x 1m to 4m x 2m
Plasma 40 amp up to 6mm thick	Plasma 120 amp Up to 12mm thick	Plasma 300 amp up to 35mm thick Gas up to 100mm thick	Hi Precision Plasma 300 amp up to 35mm thick	Hi Precision Plasma 400 amp up to 50mm thick Gas up to 100mm thick	Gas up to 300mm thick Plasma 400 amp up to 50mm thick	Waterjet cutting up to 100mm thick
Techserv CNC	Techserv CNC	Techserv CNC	Techserv CNC	Techserv CNC	Techserv CNC	Techserv CNC
Light fabrication, jobbing shop, schools and HE FE colleges	Sheet metalwork HVAC, general fabs	General fabs, heavy fabs	Precision fabs HVAC, heavy fabs	Precision fabs, general and heavy fabs	Heavy duty fabs fabricated beams	Precision pure water and abrasive cutting of all materials
20m/min traverse speed	17m/min traverse speed	12m/min traverse speed	12m/min traverse speed	12m/min traverse speed	12m/min traverse speed	16m/min traverse speed
1 plasma head max	1 plasma head max	1 plasma head 4 gas heads	1 plasma head	3 plasma heads 8 gas heads	3 plasma heads 8 gas heads	Up to 4 abrasive heads



reliability
 space saving
 Techserv
 plasma gas waterjet cutting machines

software



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HS4000 Gas