KERF DEVELOPMENTS LIMITED

TAILORED PROFILING SOLUTIONS

KERF HIGH DEFINITION PLASMA MACHINE

CUTS LIKE A LASER...

...Not quite, but the KERF high definition plasma cutting machine with UltraSharp technology produces what is accepted by many as being of a laser quality.

HERE'S THE BENEFITS:

- **The RUR costs a fraction of that of a laser to purchase**
- **Running costs are significantly less**
- **It can cut thicker materials than a laser**
- **And it cuts material over 15mm typically three times faster than a laser!**
- **You don't need to buy premium grade and perfectly flat material**

Whilst more powerful lasers are being developed, there is a grey area of cutting mild steel plate from 15-20mm upwards. Some laser machines can cut these thicknesses but the edge finish is not as neat as on thinner materials. This thickness range poses an issue for laser cutting as it starts to run out of power and cutting speeds have to be significantly reduced. **However, Kerf's new UltraSharp technology is a game changer...**

ULTRASHARP SPEED AND PRECISION CUTTING TECHNOLOGY

On thinner materials, 1mm to 12mm thick, the KERF high definition plasma will produce high quality components very quickly. Using one of Kerf's mid-range high definition plasma units, it achieves cut speeds of 3,300 mm/min on 12mm thick mild steel.

This process can pierce and cut mild steel from 1mm right the way through to 50mm thick, however it is material in the **12mm to 30mm thickness range, where customers see the major potential** for the innovative new Kerf UltraSharp technology.

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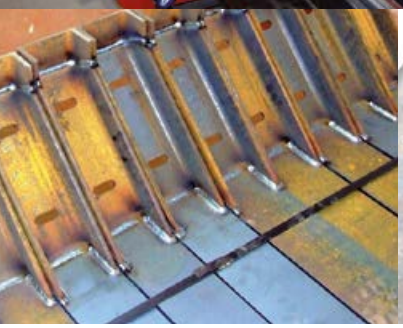
THE KERF RUR ULTRASHARP PLASMA MACHINE

The RUR machine is based on best of breed elements, built by Kerf's dedicated engineering team, it provides a unique turnkey solution.

Best of breed design and being completely independent means that Kerf does not compromise on design features. The machine, plasma unit and control system are built to the highest engineering standards, providing years of reliable operation and high residual values.



SPECIFY FOR YOUR APPLICATION

Kerf build machines to meet your exacting requirements in terms of size and material thickness cutting capability, from 1mm right the way through to piercing and cutting 50mm!

Go for combination machines with single or multiple oxy–fuel torches and select options for electronic ignition and automatic torch height control.

TYPICAL POPULAR SIZED KERF MACHINES:

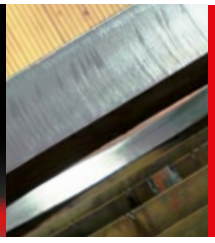
- **3,000mm x 1,500mm**
- **4,000mm x 2,000mm**
- **5,000mm x 2,500mm**

Plus you can specify double plate length where space permits, enabling loading and unloading of new plates and removal of components whilst the plasma machine is cutting, improving productivity further still.

The RUR machine provides clearance between the fume extraction tables and cross beam enabling you to use the plasma to cut holes and cut-outs in a range of angles, channels and box sections.

KERF COMPREHENSIVE SUPPORT

Kerf supplies and supports a wide range of machine tools. The engineering team also re-engineer and restore older machine tools and sell a wide range of spare parts and consumables from stock.



GET YOUR ULTRASHARP SAMPLE

See the ultra high quality cut for yourself. For a cut sample from the new generation KERF RUR UltraSharp high definition plasma machine -

Call +44 1706 757670 today

FIND OUT MORE NOW

CONTACT US ON: +44 1706 757670

or visit www.kerfdevelopments.com

GO DIRECT TO OUR SITE ON YOUR MOBILE DEVICE, SCAN IN THE QR CODE.