

SCORPIUS
by ESPRIT

CNC Plasma Cutter

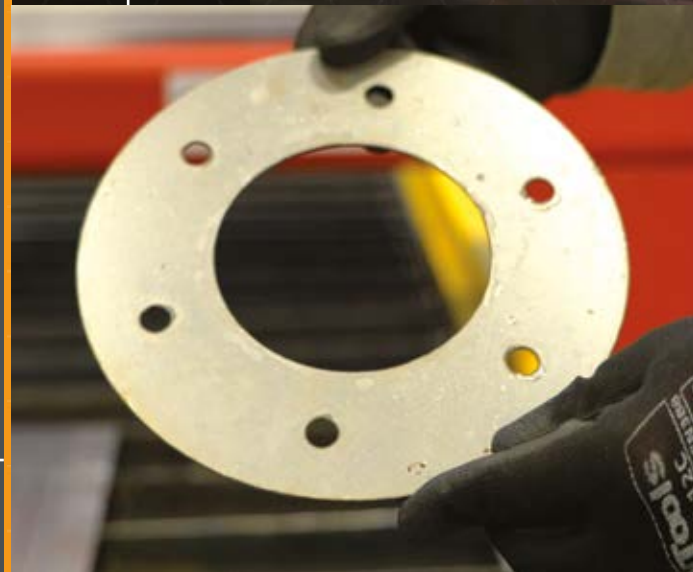
The robust start up plasma to meet all your cutting needs



ESPRIT
AUTOMATION



Cut 0.5-50mm
Mild Steel



35+ Years of Plasma Cutting Experience

With a vast knowledge of the industry, Esprit knows what it takes to build a **market leading table** at a budget price. Allowing you to take control of your supply chain.

4 Reasons To Buy Scorpius

- 1 Budget-friendly plasma cutter
- 2 Market-leading build quality, designed to meet your production needs
- 3 Equipped with Hypertherm's world-leading industrial CNC and plasma sources to guarantee the best cut quality all day long
- 4 Easy-to-use Procut CAD CAM Software with excellent support

Two Models, Four Versions

The Scorpius is available in two models and two sizes: the **Scorpius Q**, with a water table, and the **Scorpius X**, featuring a downdraft extraction table.

Both Scorpius Q and X models come in lengths of 2 m or 3 m and are always 1.5 m wide.

Scorpius Q

The Scorpius Q comes in 2 m x 1.5 m and 3 m x 1.5 m versions, each with intelligent probe height control technology designed for water tables.

Scorpius X

The Scorpius X is also available in two sizes: 2 m x 1.5 m and 3 m x 1.5 m, both equipped with ohmic sense height control technology for faster cycle times and greater productivity.



SCORPIUS
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Quick Payback Times

Thanks to its low investment costs and outstanding performance a Scorpius can be paid back in as low as one year.

Market Leading Service and Support

Through our remote monitoring capability and extensive availability of spare parts we can offer prompt service and support, minimising downtime.

World Leading Plasma Systems

Available with the Hypertherm range of Powermax and MAXPRO200 Plasma Systems.

HYPERTHERM
A Hypertherm Associates Brand





High Productivity Cutting

Building on Esprit's many years of experience the Scorpius is built to last and is designed for delivering consistent precision cutting throughout the life of the machine.

Using top-quality components, this machine is built to deliver consistent repeatable parts and cut quality for years to come.

Scorpius Q & X		
Nominal Sheet Size	3,000 mm x 1,500 mm	2,000 mm x 1,500 mm
Max. Cut Length/Width (x y)	3,050 mm x 1,550 mm	2,050 mm x 1,550 mm
Loading Length (x y)	3,130 mm x 1,600 mm	2,100 mm x 1,600 mm
Footprint (L x W x H)	3,910 mm x 2,153 mm x 1,570 mm	2,900 mm x 2,153 mm x 1,570 mm
Max. Workpiece Weight	[X] 1,700 kg [Q] 1,500 kg + fluid (920 kg)	[X] 1,500 kg [Q] 1,300 kg + fluid (615 kg)
Max. Cut Height (z)	100 mm	
Table Height	750 mm	
Max. Traverse Speed	15 m/min	
Input Voltage	230 V / 1 Ph / 50 Hz / PE + N	
Input Current	1.7 A	
Input Power	0.4 kVA	
Air Input	1.0 m3/h @ 620 kPa	

	Powermax45 SYNC™	Powermax65 SYNC™	Powermax85 SYNC™	Powermax105 SYNC™	Powermax125	MAXPRO200
Output Current	45 A	65 A	85 A	105 A	125 A	200 A
Output Voltage	155 VDC	139 VDC	143 VDC	160 VDC	175 VDC	165 VDC
Input Voltage	400 V / 3 Ph / 50 Hz / PE					
Input Current	10 A	15 A	19.5 A	29 A	38 A	54 A
Input Power	8.7 kVA	11.3 kVA	15.3 kVA	21 kVA	24.9 kVA	37.4 kVA
Process Gases	Air					Air, O2, N2
ISO 9013 Cut Range	5					4-5

Max Pierce Capacity (mm)						
Mild Steel, MS (mm)	12 (25°)	16 (25°)	20 (30°)	22 (40°)	25 (40°)	32 (50°)
Cut Speed, 12mm MS	690 mm/min	1,120 mm/min	1,520 mm/min	2,080 mm/min	2,510 mm/min	3,415 mm/min
Stainless Steel (mm)	12 (20°)	12 (20°)	16 (25°)	20 (32°)	20 (40°)	25 (50°)
Aluminium (mm)	10 (16°)	12 (20°)	16 (25°)	20 (32°)	25 (40°)	32 (38°)

* with Edge start



Fabricated and Machined Steel Gantry
Heavy duty gantry beam and Y-carriage, supported by twin x-axis linear rails provide a robust set-up.

Rapid Plate Loading
A gantry parking area avoids any interference with the cutting torch when loading and unloading plates. With respectively an area of 2,100 mm x 1,600 mm or 3,130 mm x 1,600 mm there's enough room for you to load a full 2x1.5 m and 3x1.5 m sheet with a forklift.



Heavy Duty Racks, Servo Motors and Planetary Gearboxes
Ensuring you'll get a long life out of your machine and a precision cut. Servo motors and planetary gearbox ensure consistent and repeatable cut throughout the life of the machine.



Industrial-grade CNC
Hypertherm's state-of-the-art EDGE Connect CNC.

 **HYPERTHERM**
A Hypertherm Associates Brand





Industrial-Grade CNC

Hypertherm's state-of-the-art EDGE Connect CNC, dedicated for plasma cutting; syncs perfectly with the Hypertherm Powermax or MAXPRO200 range.



Precision Engraver

Optional precision engraver to mechanically mark part numbers, weld position points and fold lines.

Easy To Use

The Scorpius comes with an intuitive touch screen controller running the Hypertherm CNC, laser pen pointer for precise positioning, advanced yet user-friendly CAD/CAM software some key features are:

- Parametric shape library
- 151 configurable shapes
- Automatic nesting
- DXF import
- Auto lead-in/lead-out

And enough space on the cutting table (3,130mm x 1,600mm) for quick plate loading by forklift.

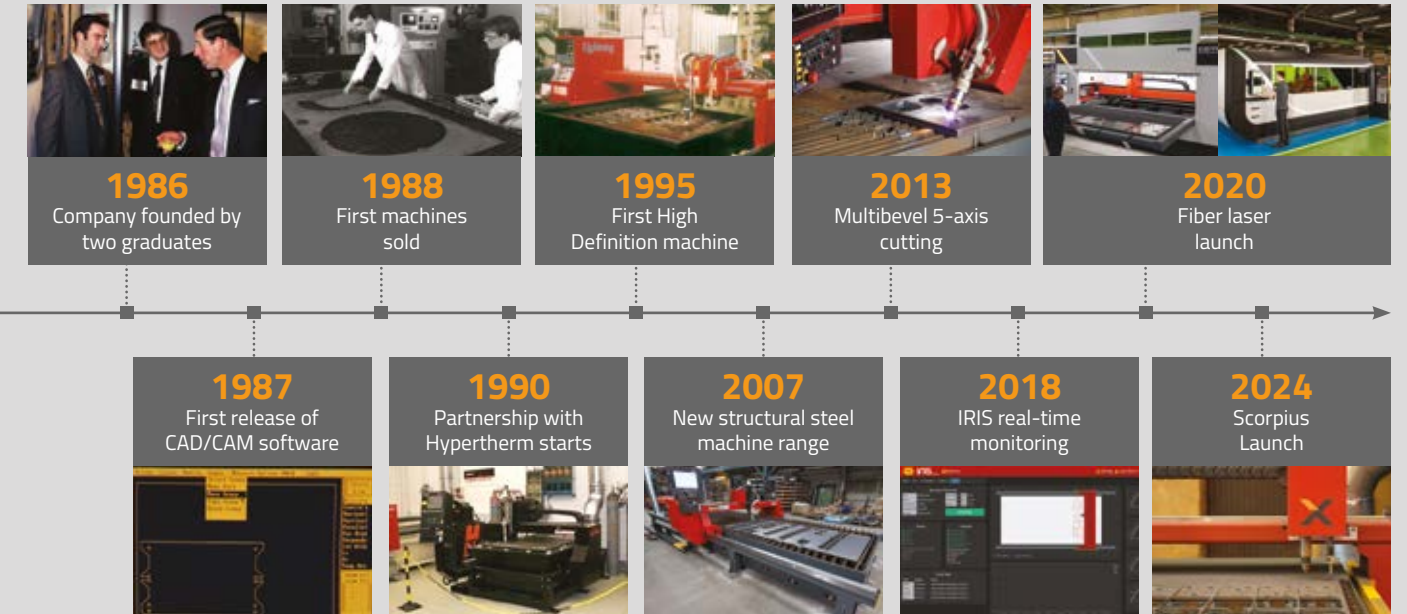
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35+ Years of Plasma Cutting Experience

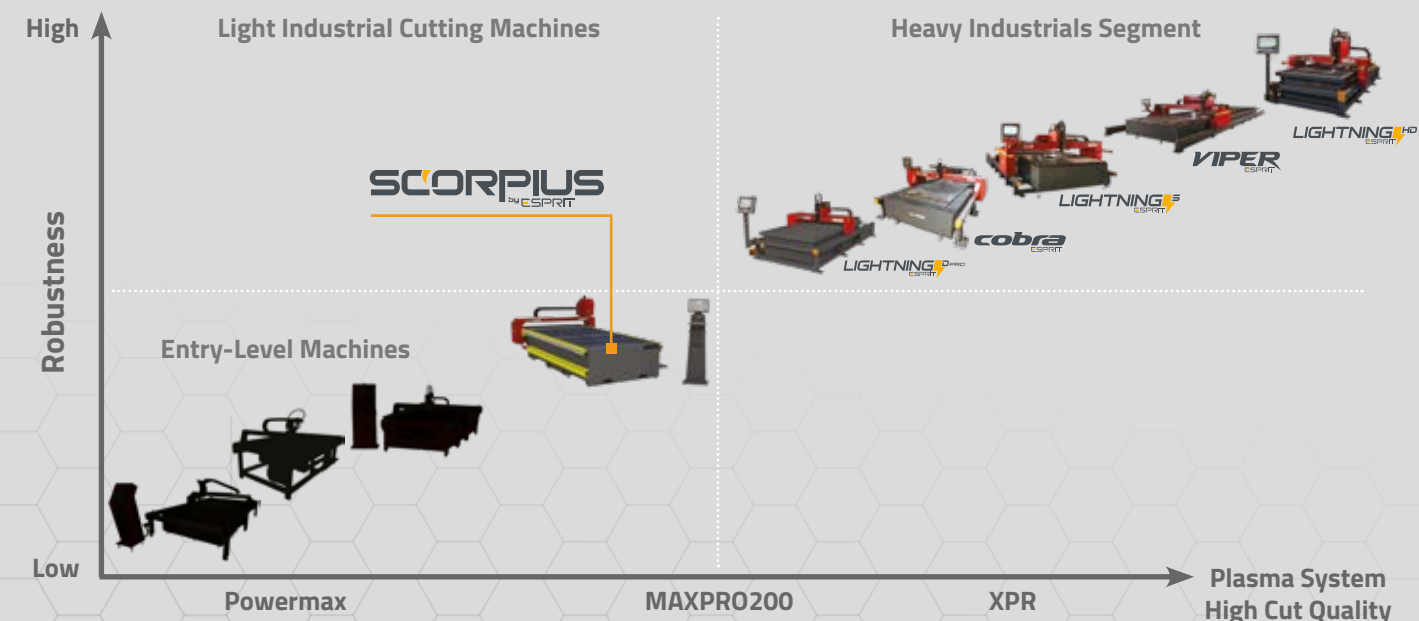
Since 1986, Esprit Automation has sold over 1,800 plasma and laser cutting machines across more than 30 countries. Esprit Automation is known in the market for quality, ease-of-use and excellent support.



Plasma Machines Market

There are broadly 2 segments in plasma cutting: the light and the heavy industrials segment. Each has different needs and requires a different plasma system. Esprit has traditionally offered machines in the heavy industrials segment.

The Scorpius is Esprit's robust light industrials machine, which offers reliability and consistent cut quality you'd expect from an industrial plasma machine, but at an affordable price. It is supplied with a Powermax or a MAXPRO200.





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