

KALIBURN

*When others fall short the Spirit lives on...*



**Spirit**

Plasma Cutting Systems



KALIBURN has been providing plasma cutting innovation for more than 23 years. While technologies have been updated, and equipment needs have changed throughout our history, the “spirit” of the products and the quality of services KALIBURN provides have never been compromised.

The KALIBURN Spirit continues our legendary tradition of unprecedented quality, service and innovation.

Welcome to the world of precision plasma cutting. KALIBURN high current density plasma cutting equipment offers the utmost in cut edge quality coupled with the lowest operating costs and highest productivity possible with the plasma cutting process. Spirit systems offer edge quality that rivals laser in many applications and plate cutting speeds that often exceed those of laser processing. Our feature packed Spirit systems are available in models tailored for your requirements and they include our HfOT™ Hafnium Optimizing Technology for unparalleled consumable life. Instantaneous switching from plasma cutting to plasma marking is another plus.

“When others fall short, the Spirit lives on,” delivering virtually dress free cuts with minimal cut face beveling ( $\leq 2^\circ$ ). Whether cutting gauge thick steel with exceptional edge quality, precisely cutting 1” (25.0 mm) steel at 85 IPM (2.2 MPM) or processing 2” (50.0 mm) steel at speeds that make other processes look obsolete, we have a system for you. Please refer to our wide array of Spirit models and select the one best suited for your application...

### Spirit150a



### Spirit200a





The **KALIBURN Spirit** incorporates HfOT™, Hafnium Optimizing Technology. This new process maximizes the lifetime of consumables and substantially reduces operating costs.

| SPiRiT MODEL | Rating @ 100% duty cycle | Mild Steel Production Capacity | Max. Thickness (Edge Start, with dross) |
|--------------|--------------------------|--------------------------------|---|
| Spirit150a   | 150 amps                 | 1" (25.0mm)                    | 1-1/2" (38.0mm)                         |
| Spirit200a   | 200 amps                 | 1-1/4" (32.0mm)                | 2" (50.0mm)                             |
| Spirit275a   | 275 amps                 | 1-1/4" (32.0mm)                | 2-1/2" (65.0mm)                         |
| Spirit400a   | 400 amps                 | 2" (50.0mm)                    | 3" (75.0mm)                             |

Spirit275a



Spirit400a



# BURNY COMPANION PRODUCTS



The Burny Division of Cleveland Motion Controls manufactures a complete line of easy to use shape-cutting motion control solutions for oxy-fuel, plasma, laser, and waterjet cutting machines; as well as for routing, engraving and dispensing equipment. In addition to state-of-the-art PC-based controls and drive systems, Burny also supplies operator consoles, torch height controls, plate marking devices and pattern tracing systems for new and used cutting machines.

## KALIBURN INOVA

The KALIBURN INOVA, torch height control includes a fully-programmable microcontroller, complete with interfacing for 8 torch stations. Program as few as 3 functions and you're up and running. You get precision and stability for all plasma cutting, including high current density applications. It has a state-of-the-art anti-collision system to protect the torch, and an optional remote control with touchscreen to give you greater flexibility.



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