

CROSSFIRE



Always On Target.



Crossfire system shown with options.

- Speed
- Precision
- Durability
- Versatility

Expand Your Options with **Crossfire** The Highly Customizable Precision Shape Cutting System

Speed

At 900 IPM, **Crossfire** is fast and reliable. Powerful AC servo drives provide the power, and state-of-the-art industrial PC-based controllers provide the sophistication to increase operator productivity. **Crossfire** is available in turnkey configurations to take advantage of **Rapid Part** and **True Hole Technology** from **Hypertherm**. These packages integrate CNC controls, software, torch height control systems, and plasma power supplies to optimize cut and hole quality, improve material utilization, and reduce cycle times.

Precision

Crossfire was designed with precision in mind. The system maintains a positional accuracy of better than .010" and a repeatability of .002" in an 8' x 8' area as certified by an independent laser calibration and certification company. With such capabilities, **Crossfire** is always on target.

Durability

Crossfire is engineered to operate in 100% duty-cycle, 24/7 environments. From the 90# flame-hardened T-rails, precision ground linear ways on the cross-axis, to the heavy steel I-beam construction of the gantry, all components used on **Crossfire** are designed to provide smooth, long-lasting, low-maintenance operation. **Crossfire** is engineered for the long run.

Versatility

Crossfire is designed to be a highly configurable platform. Systems are available in 6', 8', 10', and 12' widths, with custom sizes available. **Crossfire's** standard 12' length can also be extended to 150' to meet the longest cutting requirements or to accommodate multiple cutting tables. **Crossfire** can be equipped with as many as 5 cutting stations and a marking station to accommodate multiple plasma and/or oxy-fuel combinations. A variety of heavy-duty water and down-draft cutting tables are also available. No matter what the job, you can't miss with **Crossfire**.

Your Best Value in Precision Shape Cutting Systems.



Call **C&G** Systems at (847) 816-9700 to consult with a sales representative today, or visit us on the web at www.cgsystems.com.

System Specifications

- ⊕ Standard Cutting Widths From 6' - 12' (1.8m-3.7m)
 - ⊕ Custom Widths Available
- ⊕ Length:
 - ⊕ Standard Effective Cutting Length: 12' (3.7m)
 - ⊕ Extensions Up To 150' (45.7m) Available In 4' (1.2m), 8' (2.4m), and 16' (4.9m) Increments
- ⊕ Cutting Station Capacity: 5 (Maximum)
 - ⊕ Up To 2 Plasma Stations
 - ⊕ Up To 4 Oxy-Fuel Stations
 - ⊕ 1 Marking Station
- ⊕ Industrial PC-Based **Hypertherm Connect** CNC Control
 - ⊕ Easy-To-Use 19" TFT Touch Screen Operation
 - ⊕ Windows 10 Based Operating System
 - ⊕ SS Hard Drive / 1 GB RAM
 - ⊕ USB Ports / Networking
- ⊕ **Hypertherm Sensor THC** Torch Height Control
 - ⊕ Magnetic Plasma Collision Sensor (Standard)
- ⊕ 900 IPM Dual-Side Drive Package
- ⊕ 1500 Watt AC Servo Drives
- ⊕ Precision Machined and Hardened Linear Ways
- ⊕ Hardened 90#, Tongue-In-Groove T-Rail System
- ⊕ Helical Planetary Direct Drive Gear Boxes
- ⊕ Enclosed Power-track On All Axis / Standard Heat Shields
- ⊕ Turnkey Optimized Packages Available
 - ⊕ **Hypertherm** Optimized for **Rapid Part** and **True Hole Technology**
 - ⊕ **Available Zoned Down Draft Cutting Tables**
 - ⊕ **Available Air Filtration Systems**



Crossfire is Equipped with **Hypertherm Edge Connect CNC Control**



Available **Hypertherm XPR 300 Series Plasma System**

Optional Equipment

- ⊕ Pedestal Mounted Control Panel
- ⊕ Conventional or Precision Plasma Systems up to 400 Amps
- ⊕ Band Drive Slave-Torch Positioning
- ⊕ Plate Marking Station
- ⊕ Air Exhaust or Water Cutting Tables
- ⊕ Exhaust Systems
- ⊕ Dedicated Air Compressors and Dryers
- ⊕ Professional CAD/CAM and Nesting Software Packages

As Demanding As You Are.

C & G SYSTEMS

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