



nexAir

CUTTING

EASILY DEPLOYABLE CUTTING SYSTEMS

nexAir Cutting CNC plasma systems are an affordable, high-speed precision cutting solution for the steel processing needs of a broad range of shops.

With effective cut dimensions of 4' x 4', 4' x 8', 5' x 10', 6' x 12', or customizable lengths, nexAir Cutting CNC systems provide the ability to efficiently process a variety of steels and thicknesses. These machines feature full support for HYPER THERM AIR® plasma systems, and FlashCut CNC controllers for fast cutting speed, optimal nesting, exceptional cut quality and ease of use. The nexAir Cutting CNC systems require minimal setup and feature unitized frames that are forklift accessible, making them easy to deploy or move as facility needs evolve. With water table or downdraft table options available, the nexAir Cutting CNC plasma system is customizable to meet your needs.

Features

- Unitized frame
- Available HYPER THERM AIR® plasma system
- FlashCut CNC controller

Benefits

- Process a variety of plates up to 6 ft x 12 ft
- Easy to deploy and relocate to meet evolving needs
- Exceptional cut quality - reduce time spent grinding
- Plasma and optional Oxy-Fuel add on cut a variety of thicknesses
- Easy setup, operation and nesting (CAD/CAM capable)



Contact your nexAir representative for more information.
888-639-2474 | nexAir.com

System Features

- 100% welded framework
- Aluminum gantry beam
- Precision rack and pinion drives
- CNC grade carriers and cables
- FlashCut CNC controller
- Available HYPER THERM AIR® plasma units
- Torch height control
- Embedded CAD/CAM software with nesting capability
- Laser pointer for plate alignment included
- No laptop required
- Static level water table
- Easy to deploy - no assembly required

Available Plasma Cutting Systems

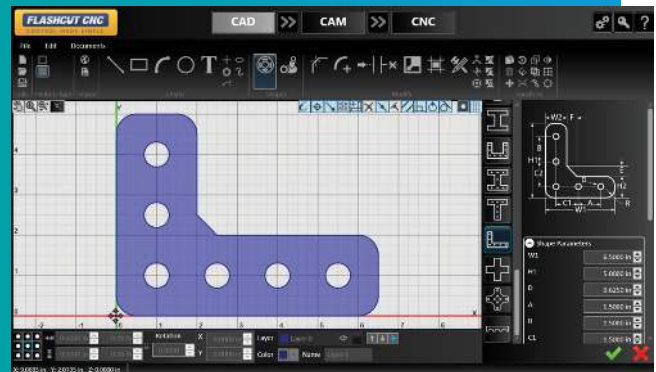
nexAir Cutting CNC systems can be configured with a number of HYPERTHERM® plasma cutting systems.

- HYPERTHERM POWERMAX® series (45, 65, 85, 105, and 125)
- HYPERTHERM MAXPRO 200®



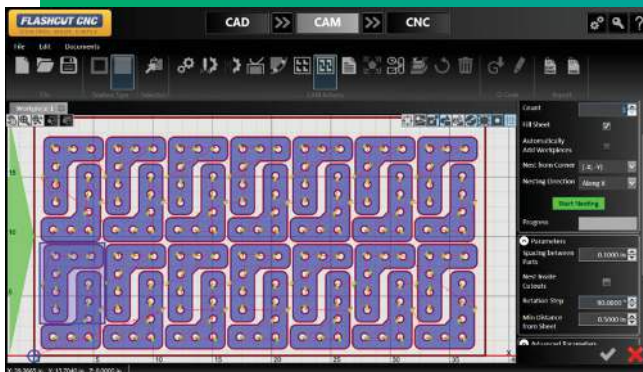
Intuitive, Powerful Drawing in FlashCut Pro

- FlashCut CAD's intuitive user interface makes it simple to draw any 2D or 2.5D shape with its Mill/Router Package or 3D Pipe or Tube with their Pipe/Tube Package
- Simple import of any 2D DXF or DWG drawing
- Arc fitting accurately simplifies complex drawings with many line segments



FlashCut CAM Creates Toolpaths Instantly

- Generate perfect toolpath with kerf compensation, lead ins, lead outs and feedrates
- True shape nesting across one more multiple sheets saves you time and money
- 3D Simulation tool dynamically illustrates the entire cutting process with the correct kerf, in the exact order of operations.
- Optional Smart360™ creates bolt hole quality cuts with air plasma



Cut with the World Leader in Windows Software and Dedicated CNC Controls

- Seamless plug-n-play operation from any laptop
- Dedicated controller orchestrates precision timing to each axis for smooth, uninterrupted motion
- Laser pointer support for precisely setting program zero by sight, visual dry run of program and plate alignment

