



DESIGN & BUILD

Rigid and robust design ensures strength, productivity and reliability, with performance and durability far exceeding lighter and less capable models.



PLASMA SUPPLY

Traditional "air" plasma supply units from Hypertherm including Powermax SYNC 65, 85, 105, 125 and MaxPro 200 Oxygen Plasma System.



CONTROL & SOFTWARE

FlashCut Pro CNC Software is an integrated, all-in-one CAD/CAM/CNC Software, including:

- CAD drawing
- CAD importing drawings
- CAM creating tool paths
- CNC cutting parts accurately
- True Shape Nesting

The FlashCut CNC controller has an integrated power supply with motors and drives using three dedicated microprocessors with parallel processing for full multi-axis interpolation using continuous contouring.



MOTION SYSTEM

The PLASMATIC™ system of motion consists of:

- Single-set-up machined milled surfaces for precision mounting of helical racks
- Precision pinions driven by dual side planetary gearboxes and industrial stepper motors, without forced engagement from pneumatic or spring load
- Precision ground linear bearings

The PLASMATIC™ offers the highest accuracy, smoothest motion and lowest noise in its class.

PLASMATIC™

Industrial CNC Plasma Table

Built with AKS Unitized Systems Technology



PLASMATIC™

PLASMATIC™ by AKS Cutting Systems, Inc.
4905 Rocky River Drive, Cleveland, OH 44135
800-962-7803 | sales@plasmaticusa.com | plasmaticusa.com



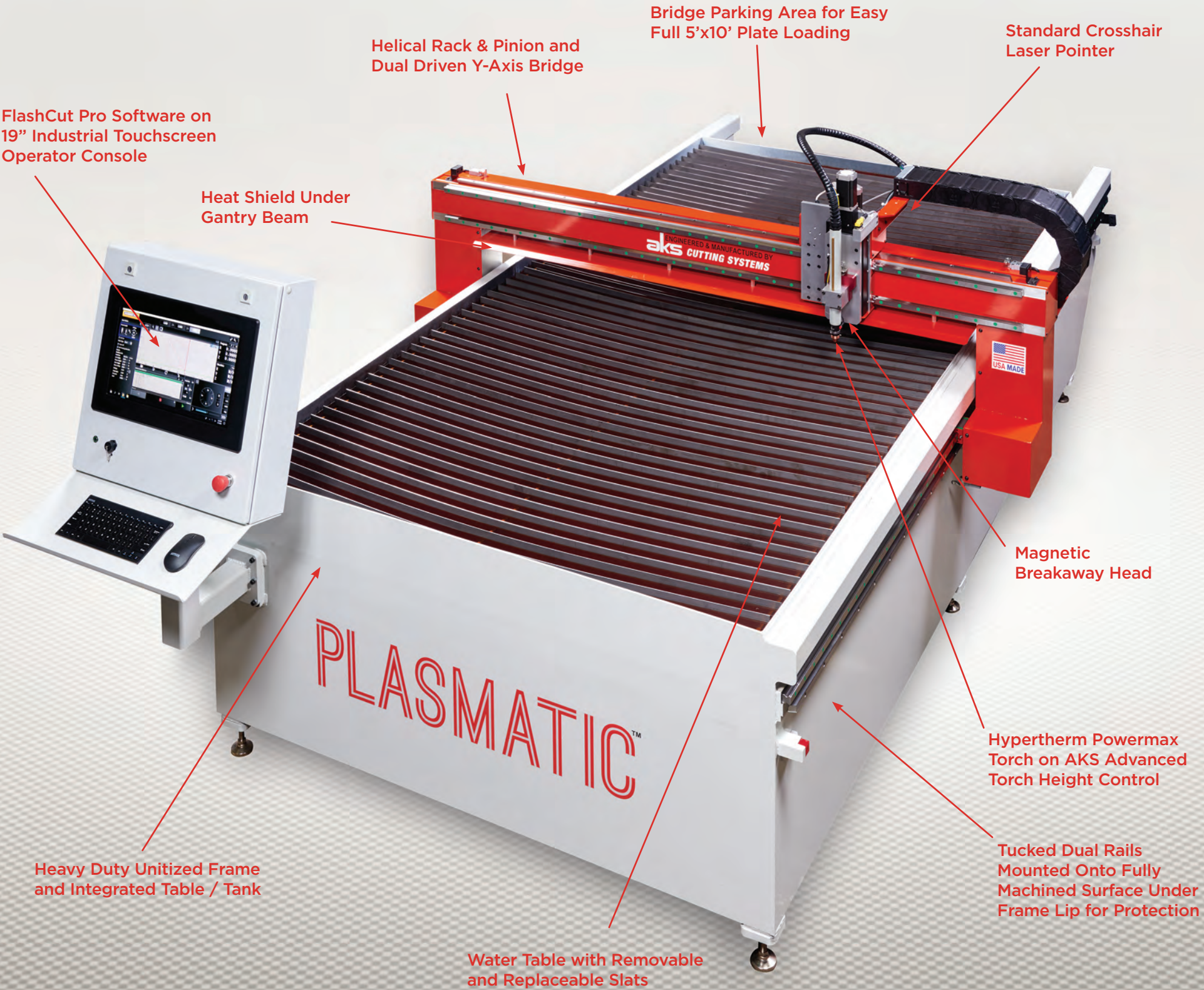
aks CUTTING SYSTEMS
sales@akscutting.com | akscutting.com

aks CUTTING SYSTEMS

Welcome to the fourth state of matter.

The PLASMATIC™ is an entry-level, high accuracy, built-to-last plasma cutting system.

AKS PLASMATIC™ tables utilize industry best Hypertherm plasma power supply units and FlashCut Pro user-friendly CNC control & software, backed by over 100 years of AKS machine building experience, to bring you the new industry standard for performance and durability in a light industrial entry-level plasma cutting table.



Precision linear rails mounted on machined surface and integrated with helical rack & pinion and precision bearings



Z-axis carriage automatic lifter with torch height control (THC), magnetic breakaway head, laser pointer and plasma torch



19" Industrial Touchscreen Operator Console with the FlashCut Pro CNC integrated all-in-one CAD/CAM/CNC software.



Genuine Hypertherm plasma torch and consumables optimize cut quality, extend consumable life, and boost productivity at the lowest possible operating cost.

AKS Cutting Systems – Over 100 Years of Excellence!

AKS has applied over 100 years of machine building experience to create the new industry standard for performance, reliability and built-to-last entry-level plasma cutting. The PLASMATIC™ is built with the same durability and precision as our more expensive AKS models, while offering a small footprint with a big value.

Standard Features

- Unitized Construction
- Water Table or Downdraft Table
- Helical Rack & Pinion Drives
- Replaceable Slat Table System
- Crosshair Laser Pointer
- Magnetic Breakaway Head
- Automatic Torch Height Control
- Easy Plug & Play Self Start-Up
- 19" Touchscreen
- Keyboard and Mouse
- Industrial Panel Operator Console
- FlashCut Pro Software CAD/CAM/CNC
- Second FlashCut Pro License for Offline Computer
- Quad Core Dedicated Processors
- Maximum Speed 800 ipm
- Single Point On/Off Switch for All Power Connection
- Consumable Start-Up Kit