



### 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.

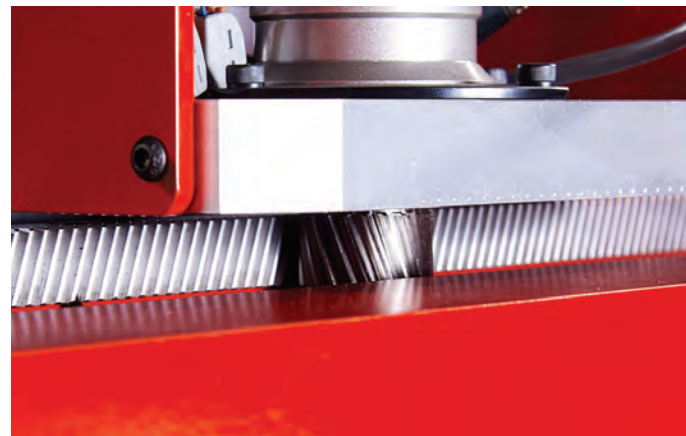


### CONTROL & SOFTWARE

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.  
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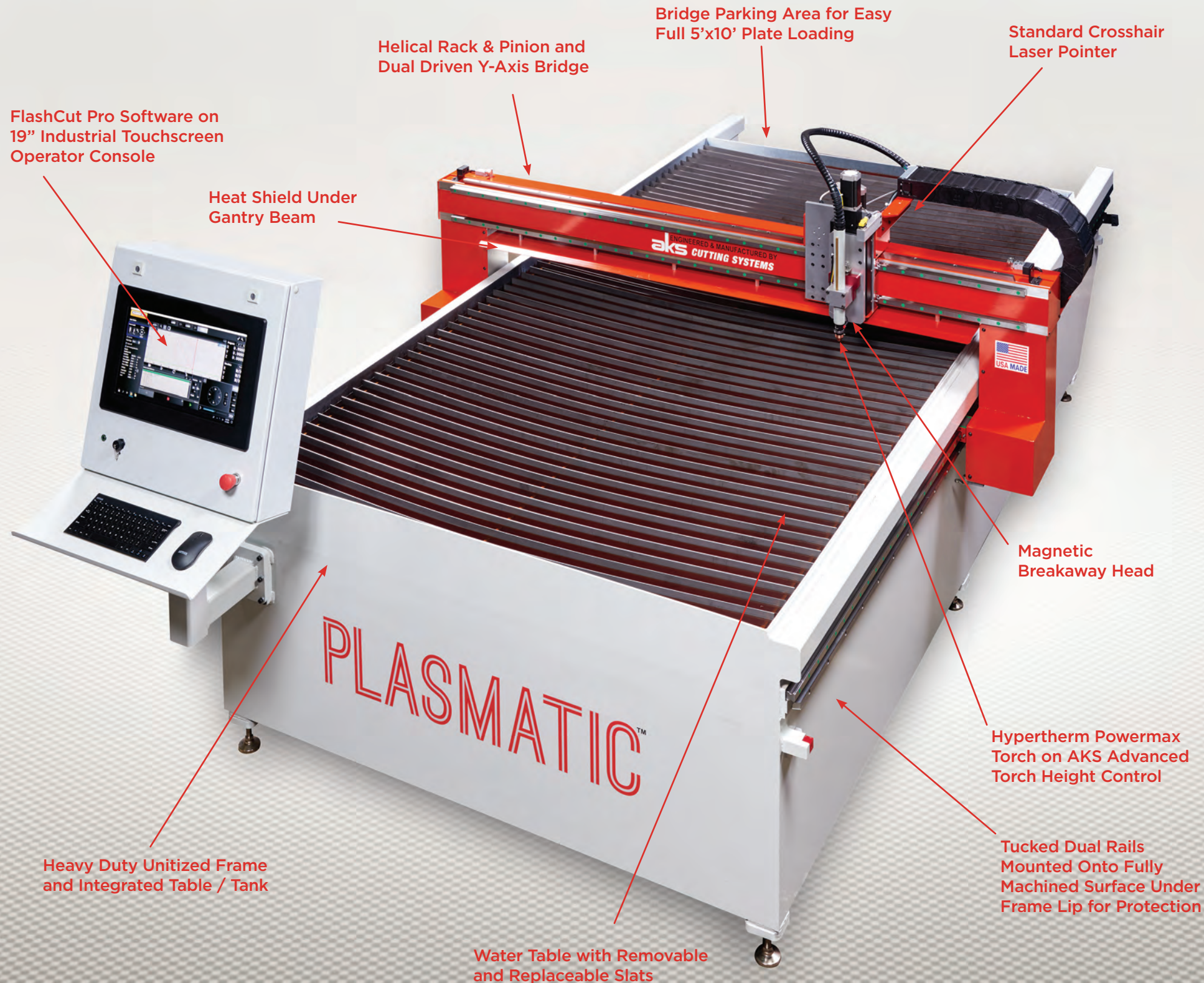
**aks CUTTING SYSTEMS**

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.



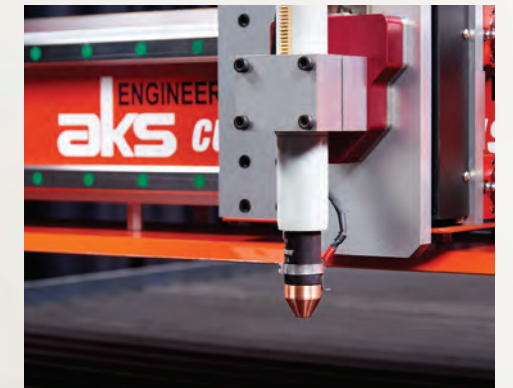
Precision linear rails mounted on machined surface and integrated with helical rack & pinion and precision bearings



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 Dwindraft 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