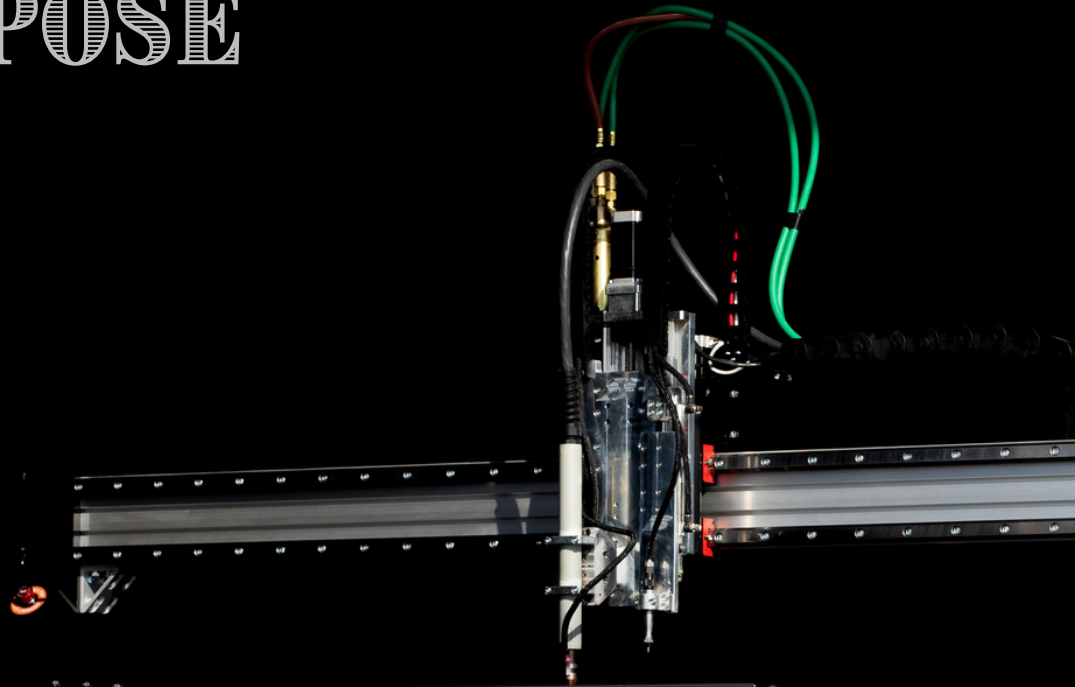MADE IN U.S.A

YOUR VISION
OUR PURPOSE

204 E. Main St

Calmar IA, 52132

563-380-1535

info@bosstables.com

About Us

In 2015, brothers Travis and Mitch Schluter started their CNC plasma cutting journey in a garage in Decorah, IA. After making their first CNC plasma table, it ignited a deep passion that led them to build another to meet the growing demand. Thus, Boss Tables was born. While we may be a smaller player in the industry with a team of fewer than 25 individuals, our CNC plasma tables can easily compete with any of our rivals.

At Boss Tables, we maintain our commitment to offering competitive prices while keeping every aspect of production in-house. Our pride in our products is unwavering, and we aim to make this pride evident. When you invest in a Boss Table, rest assured that we are here to support you throughout the lifespan of your table. After all, our business exists to provide you with the tools and solutions you need to bring your visions to life. We are committed to being your steadfast partner on your journey to success, and your satisfaction is our driving force.
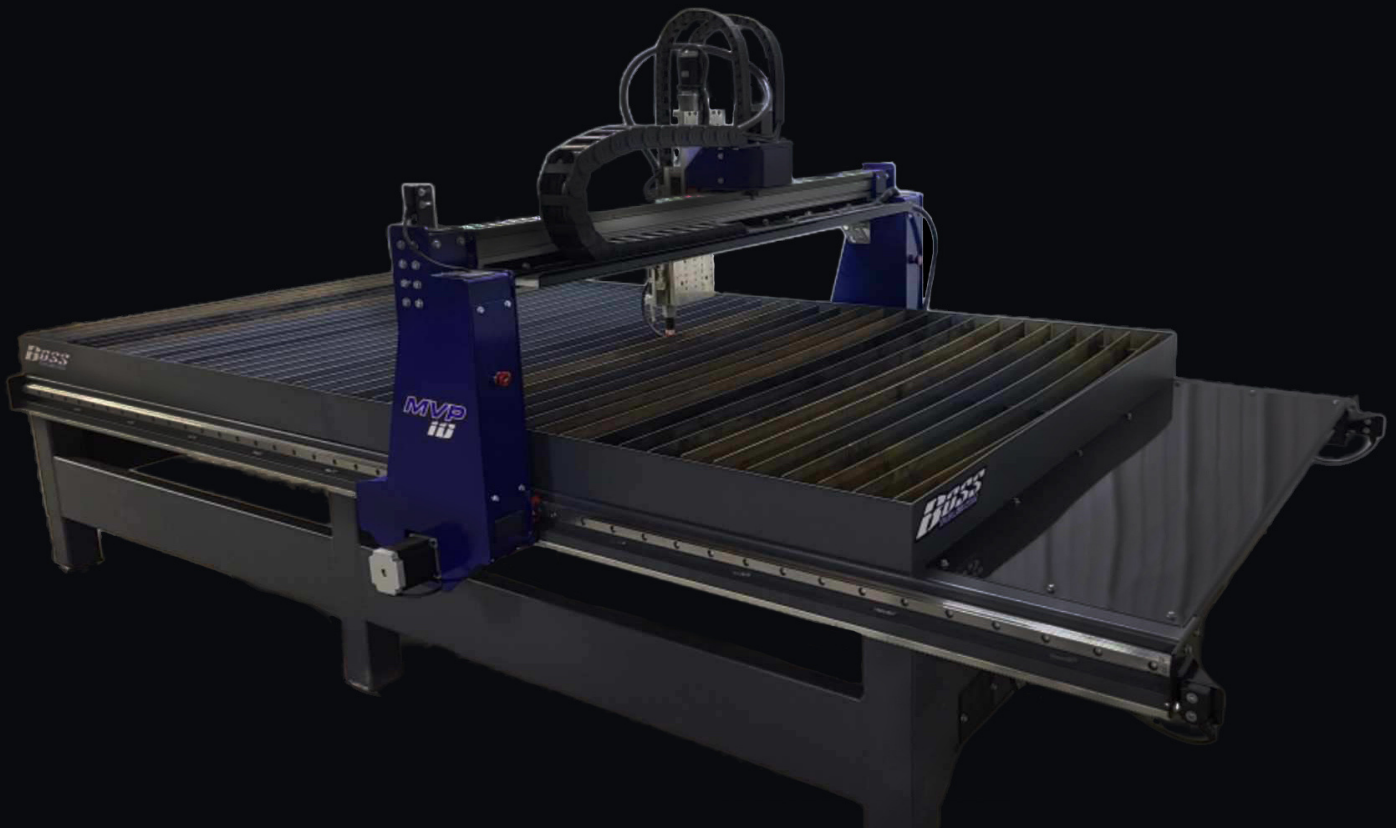
"Boss Tables exists for the sole purpose to provide our customers with the precise tools and solutions that empower our clients to realize their vision."

COMING SOON

BOSS 3D PRINTER

The Most Affordable Plasma Table from Boss Tables.
We're excited to introduce our most economical plasma table yet. Designed with the same high-quality mechanical components as our other models, this option is available at an introductory price. The main difference is that it doesn't include Water Height Control.

Ease of Use: The Boss MVP Table is engineered for effortless and efficient cutting of any number of parts. The Linux-based computer system operates using the HALO cutting program, complemented by SheetCam for nesting tasks. CAD design is supported by Inkscape and QCad. Additionally, it smoothly integrates with your preferred CAD program, providing the flexibility you need.

Starting at $16,040

MVP FEATURES

- The water bed has a depth of 5 inches.
- There's a 5-inch oversized cut area that facilitates easy material placement.
- The table is equipped with collision detection.
- Ohmic Sensing
- The torch features a magnetic breakaway capability.
- It comes with DTHC (Digital Torch Height Control).
- Industrial bearings ensure durability and rigidity.
- Precision German-made helical gears are used.
- The welded frame has adjustable feet for leveling of the table.
- The Ball Screw Z-axis ensures precise movement.
- Roller balls assist in loading materials.
- The operation screen measures 22 inches for clear visibility.
- NEMA 34 Stepper motors are used.
- Planetary Gear Boxes are integrated.
- The system supports software like SheetCam, QCad, and Inkscape, giving you flexibility in your choice of CAD program.

The MVP comes with complimentary packaging, featuring 12 mil thick shrink wrap for added protection.

WHC

WATER HEIGHT CONTROL

The Boss WHC plasma table holds a special place in the Boss Tables family as our inaugural model. It has earned its stripes and deserves a commendable level of recognition. Although it may not feature the advanced servo motors and the comprehensive ALL-IN-ONE software found in its younger counterpart, the PRO model, the WHC consistently delivers the same exceptional cut quality. It embodies the enduring commitment to precision that is at the heart of Boss Tables.

Now, with the integration of our cutting-edge HALO controller, the WHC is swiftly narrowing the divide in the realm of cutting-edge technology. If you're in the market for a table that can deliver the same exceptional cutting performance as the PRO without incurring additional software costs, look no further than the dependable and time-tested WHC.

Simplicity in Action: The Boss WHC Table efficiently and effortlessly cuts out an array of parts in any desired quantity. Powered by a Linux-based computer system, it uses the HALO cutting program, complemented by SheetCam for nesting operations. This table is equipped with Inkscape and QCad for CAD designing and it can also integrate smoothly with your preferred existing CAD program.
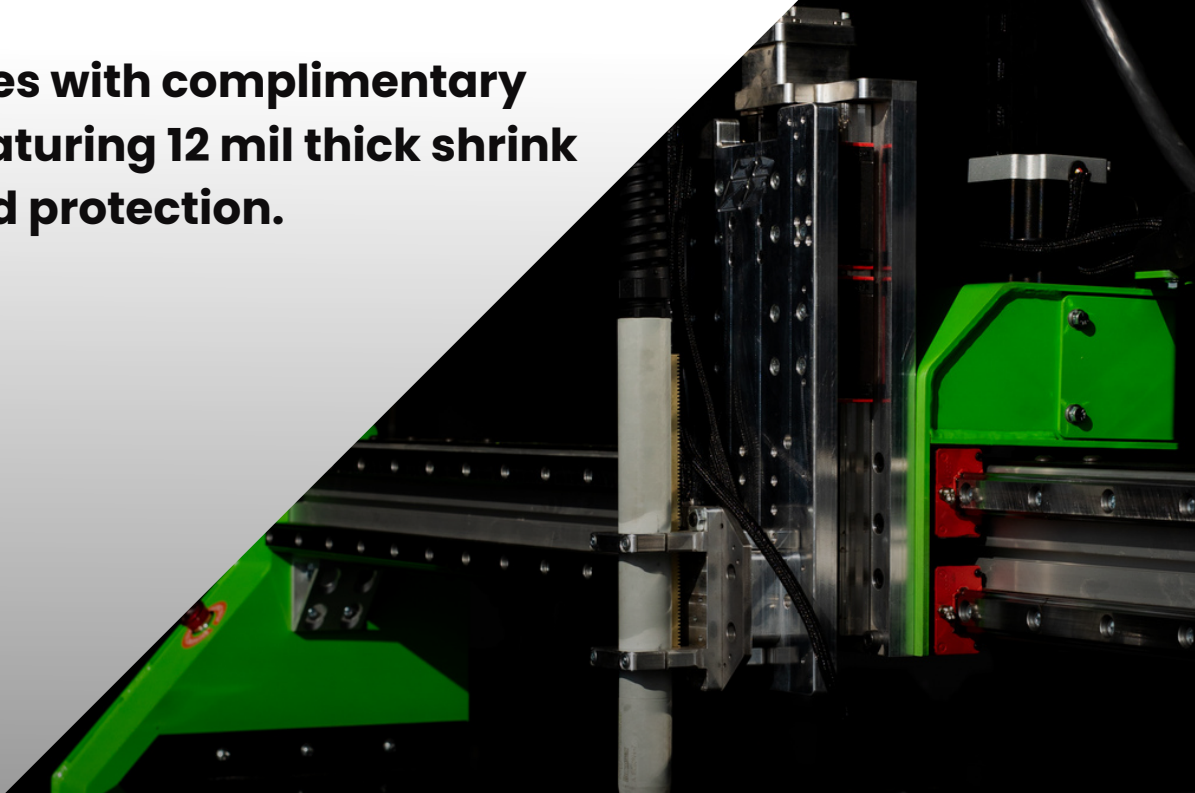
Starting at $19,820

WHC FEATURES

- HALO Software
- The water level of the table is controlled pneumatically.
- There's a 5-inch oversized cut area that facilitates easy material placement.
- The table is equipped with collision detection.
- The torch has a magnetic, breakaway capability.
- The DTHC (Digital Torch Height Control) is integrated.
- The table provides convenient under-storage, accommodating sheets such as 5×10 under a 5×10 table and 4×8 under a 4×8 table, and etc.
- Industrial bearings enhance the table's longevity and rigidity.
- Precision German-made helical gears ensure smooth performance.
- The welded frame features adjustable feet to ensure proper leveling.
- The Ball Screw Z-axis ensures accurate movement.
- Roller ball-assisted loading simplifies material placement.
- The operation screen measures 22 inches for clear visibility.
- NEMA 34 Stepper motors with planetary gearboxes offer reliable operation without belts or chains.
- The system supports software like SheetCam, QCad, and Inkscape, allowing flexibility with your choice of CAD program.

The WHC comes with complimentary packaging, featuring 12 mil thick shrink wrap for added protection.

PRO
WATER HEIGHT CONTROL

The PRO series table has swiftly elevated to the status of the flagship machine at Boss Tables. While it shares the same foundational build quality as the WHC series table, its unparalleled popularity can be attributed to the exceptional software that powers it.

The PRO series tables are Windows-based and operate using the all-in-one FlashCut software, renowned for its user-friendly interface. With FlashCut, even those new to CNC operations can quickly get up to speed and start cutting effortlessly. Paired with high-performance Servo motors and 10:1 gearboxes, the PRO series table transforms into a powerhouse of precision and capability.

FLASHCUT CNC
CONTROL MADE SIMPLE

Starting at $27,590

PRO FEATURES

- FlashCut's industrial CAD-CAM-CNC is completely integrated.
- Operating on the Windows operating system.
- A Fanless industrial computer designed for adverse conditions.
- NEMA 34 750W AC Servo motors.
- Stingray DTHC (Digital Torch Height Control).
- Industrial motor wiring.
- Rapid speed of 1000 IPM.
- 10-inch clearance under the gantry.
- True Shape AUTO nesting.
- It turns off THC while crossing a previous cut on the sheet to prevent unwanted diving.
- Automatic lead-in upon restart.
- THC Performance History Chart.
- The Progress Meter provides an estimated time of cut completion.
- Motor Current Sensing.
- The water level of the table is controlled pneumatically.
- A 5-Inch oversized cutting area facilitates easy material placement.
- Equipped with Hi Precision planetary gearboxes.
- Includes collision detection technology.
- Ohmic Sensing capability.
- Incorporates a Magnetic Torch (Breakaway Torch) system.
- The table offers under storage-fits 5×10 sheet under a 5×10 table, 4×8 under 4×8 table, etc.
- Utilizes precision German-made helical gears.
- Equipped with industrial bearings for extended durability and rigidity.
- The welded frame comes with adjustable feet to level your table.
- Utilizes a ball screw Z-axis mechanism for smoother operation and control.
- Features helical rack and pinion gears.
- Assisted loading facilitated by roller balls.
- Comes with a 22-inch Operation screen.

The PRO comes with complimentary packaging, featuring 12 mil thick shrink wrap for added protection.

Downdraft

Enhance your cutting capabilities with the Boss Downdraft Table. Choose between Windows-based operating system (featuring ALL-IN-ONE FlashCut CAD/CAM/CNC program), or the Linux-based computer system(QCad/Inkscape/SheetCam/Halo).

The FlashCut has the capabilities to auto nest, draw preprogrammed parts, and fix open contours in a drawing. The Linux system utilizes the Halo cutting program, along with Inkscape and QCad for CAD design, and SheetCam for nesting operations.

Explore the possibilities and maximize your productivity with our versatile table and software options.

FlashCut Starting at $34,090   HALO Starting at $26,320

KEY FEATURES

- **4 drawer system to collect parts and drop**
- **Fork lift pockets and handles on drawers**
- **Rigging eyes welded in drawers for lifting**
- **Deflectors to direct parts into drawers**
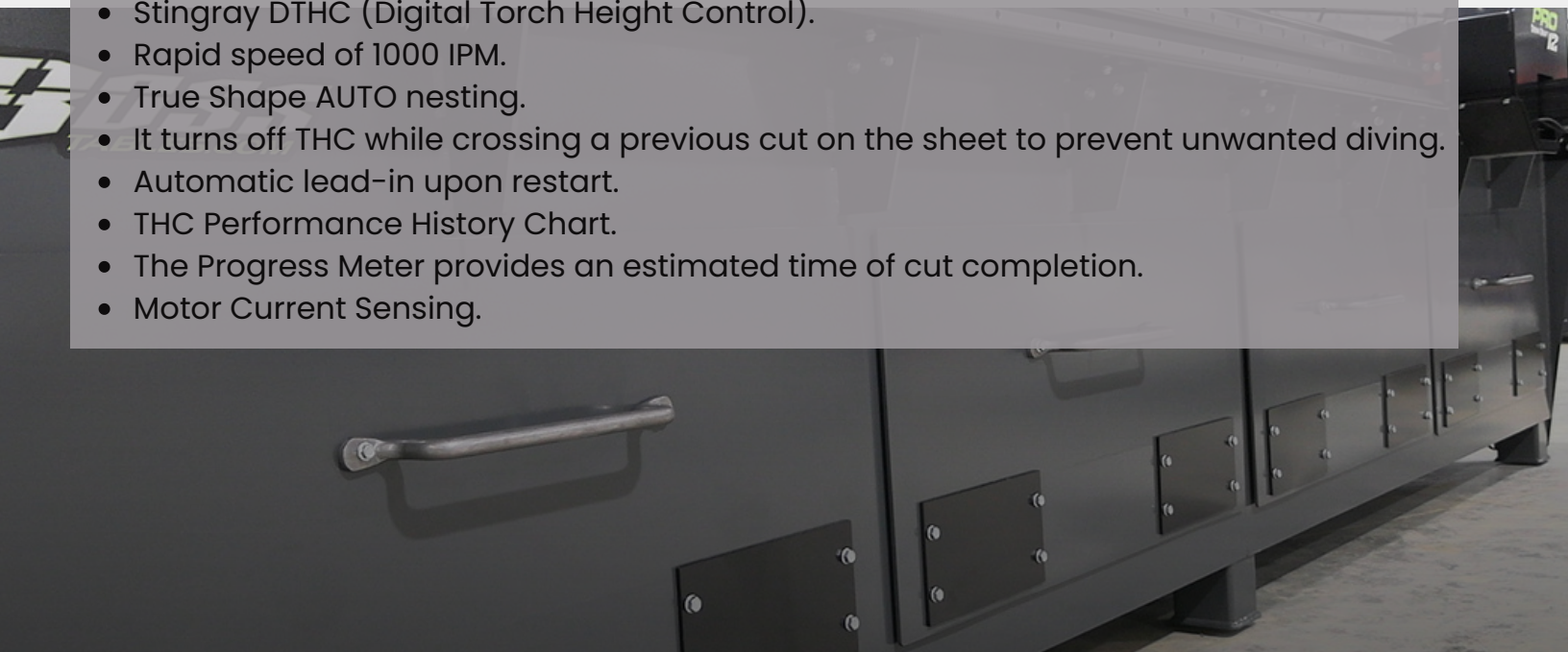- **4- 18" fan holes (adapters can be made to suit your needs)**
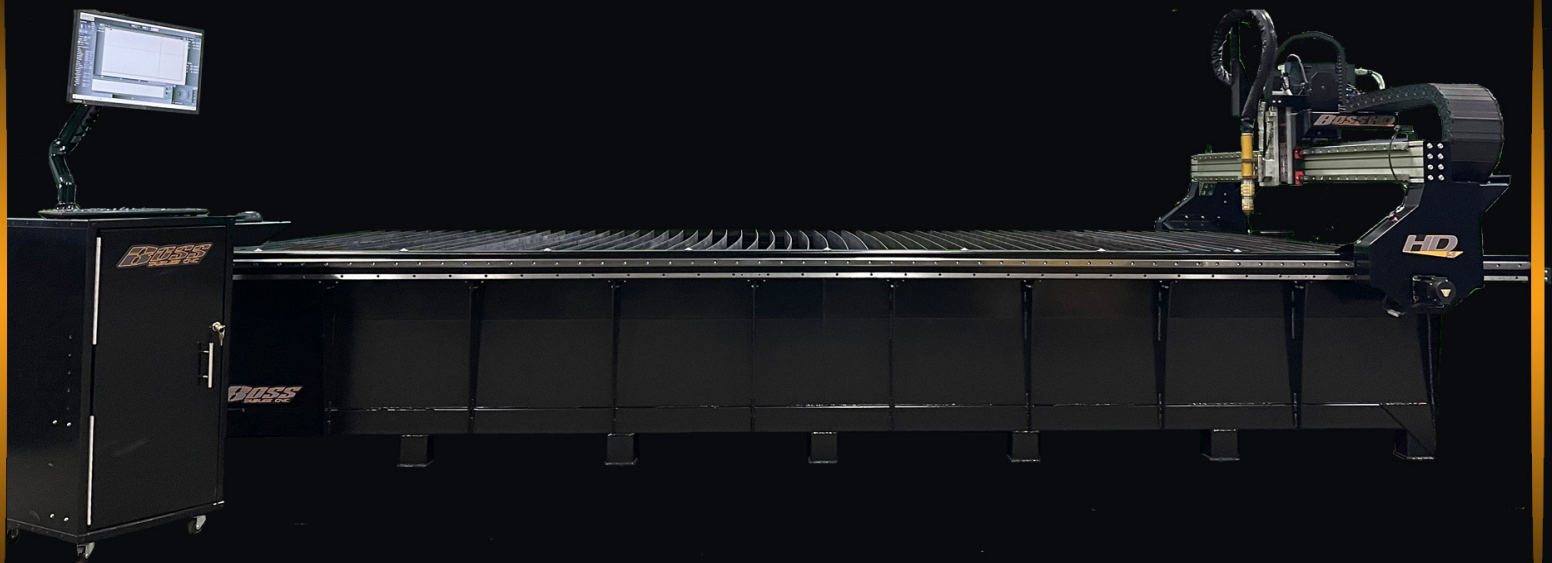
DOWNDRAFT FEATURES

Common Features

- The system offers a 5-inch oversized cut area.
- Equipped with a planetary gearbox (no belts or chains).
- Collision Detection
- Ohmic Sensing
- Comes with a magnetic torch (Breakaway Torch).
- Industrial bearings ensure longevity and rigidity.
- The frame is welded with adjustable feet for leveling.
- Uses a Ball Screw Z-axis mechanism for control.
- Utilizes Precision German-made helical gear rack.
- Provides a generous 10-inch clearance under the gantry.
- Enables roller ball-assisted loading.
- Comes with a 22-inch Operation screen.
- Industrial motor wiring.

Exclusive Features For FlashCut Software

- FlachCut's industrial CAD/CAM/CNC is completely integrated.
- Operating on the Windows operating system.
- Computer designed to withstand challenging conditions.
- 750W AC Servo motors.
- Stingray DTHC (Digital Torch Height Control).
- Rapid speed of 1000 IPM.
- True Shape AUTO nesting.
- It turns off THC while crossing a previous cut on the sheet to prevent unwanted diving.
- Automatic lead-in upon restart.
- THC Performance History Chart.
- The Progress Meter provides an estimated time of cut completion.
- Motor Current Sensing.

Discover the unparalleled efficiency of our HD Series Tables, offering the most competitive prices for top-of-the-line High Definition tables available in the market today.

Featuring an expansive 10-inch deep oversized cutting area, our tables come equipped with an ingenious built-in storage tank system, ensuring efficient water drainage. Say goodbye to the time-consuming hassle of retrieving parts from murky water, as our design facilitates a seamless production process.

Say hello to convenience with our innovative 'crab pot' design, incorporating easily removable slag trays, transforming the once laborious task of table cleaning into a swift and effortless routine. Our HD Series maximizes utility, requiring only a straightforward setup process that involves connecting the Kjellberg or MAXPRO 200. Complementing the HD Series, we offer the integration of the FlashCut CAD/CAM/CNC controller, ensuring a seamless and comprehensive operational experience.

Boss Tables does all the installs for HD models!

Starting at $54,000

FLASHCUT CNC
CONTROL MADE SIMPLE

HD FEATURES

- FlashCut 10 HD industrial CAD-CAM-CNC is fully integrated.
- The system is powered by the Windows operating system.
- Computer designed to withstand challenging conditions.
- Features precise plate alignment capabilities.
- 750w AC servo motors for enhanced performance.
- High-precision Nidec Shimpo planetary gear boxes.
- Achieves exceptional precision with a sub 3" arc-minute accuracy.
- Stingray DTHC for accurate torch height control.
- Helical rack and pinion gears.
- Industrial motor wiring.
- Rapid speed of 1000 inches per minute for efficient cutting.
- 10-inch clearance under the gantry for versatile material placement.
- 7-inch clearance under the torch for flexibility.
- True Shape AUTO Nesting for efficient material usage.
- It turns off THC while crossing a previous cut on the sheet to prevent unwanted diving.
- Automatically applies a lead-in when restarting for smooth cutting.
- THC Performance History Chart.
- Progress Meter Gives an estimated time of cut completion.
- Motor current sensing for enhanced control.
- Water table level is pneumatically controlled for precision.
- 10-inch water depth for effective cutting.
- Removable slat trays.
- 5-inch oversized cut area for convenient material placement.
- 33-inch table height for operator comfort.
- Collision detection
- Ohmic Sensing
- Magnetic Torch (Breakaway Torch).
- Industrial bearings for extended life and rigidity.
- The frame is welded and features adjustable feet for easy leveling.
- Ball screw Z-axis mechanism for smoother operation and control.
- Assisted loading facilitated by roller balls.
- 22-inch operation screen for clear interaction.
- Provides a dedicated station for operators to use with ease.

HD ELITE

Experience the unparalleled efficiency of our cutting-edge HD Elite solution, providing the most competitive pricing for top-tier High Definition equipment available today.

Immerse yourself in the expansive 10-inch deep oversized cutting area of the HD Elite, complete with a clever built-in storage tank system, ensuring swift and effective water drainage. Say farewell to the tedious task of retrieving components from murky water as our design seamlessly streamlines the production process.

Embrace convenience with our revolutionary 'crab pot' design, featuring easily detachable slag trays that simplify the once arduous process of cleaning the table, transforming it into a quick and effortless routine. Unlock the enhanced capabilities of the HD Elite, including its unique ability to facilitate drilling operations, adding a new dimension to its heavy-duty and robust construction.

Effortlessly set up the HD Elite by simply connecting the Kjellberg or MAXPRO 200. Additionally, benefit from the seamless integration of the FlashCut CAD/CAM/CNC controller, ensuring a comprehensive and smooth operational experience, setting new standards for precision and performance.

Boss Tables does all the installs for HD models!

Starting at $74,000

FLASHCUT CNC
CONTROL MADE SIMPLE

HD ELITE FEATURES

- FlashCut 10 HD Industrial CAD-CAM-CNC completely integrated.
- Windows Operating System.
- Computer designed to withstand challenging conditions.
- Features precise plate alignment capabilities.
- 1.3Kw AC servo motors for enhanced performance.
- High-precision Nidec Shimpo planetary gear boxes.
- High-precision with a sub 3" arc-minute accuracy.
- Stingray DTHC (Digital Torch Height Control).
- Has helical rack and pinion gears.
- Industrial motor wiring.
- Rapid speed of 1000 inches per minute for efficient cutting.
- 12-inch clearance under the gantry for versatile material placement.
- Industrial gantry for reliable and sturdy performance.
- Milled precision bearing rails.
- True Shape AUTO Nesting.
- Turns off THC while crossing a previous cut on the sheet to prevent unwanted diving.
- Automatic applied lead-in on restart for smooth cutting.
- THC Performance History Chart.
- Progress Meter gives an estimated time of cut completion.
- Motor Current Sensing.
- Water level of the table controlled pneumatically.
- 10″ water depth for effective cutting.
- Removable slat trays.
- 5-inch slats for optimal material support.
- 5-Inch over-sized cut area to allow easy material placement.
- 33-inch Table Height.
- Collision Detection
- Ohmic Sensing
- Magnetic Torch (Breakaway Torch).
- Industrial bearings for extended life and rigidity.
- The frame is welded and features adjustable feet for easy leveling.
- Ball Screw Z-axis for smoother operation and control.
- Roller ball assistance makes loading materials easier and more efficient.
- 22″ Operation screen for clear interaction.
- Provides a dedicated station for operators to use with ease.

HYPERTHERM®
A Hypertherm Associates Brand

Powermax45 XP

The Powermax45® XP plasma cutter provides a recommended cut capacity – up to 16 mm (5/8″) – as well as fast cut speeds, and automatic gas adjustment for quick, simple setup and operation. Duramax® Lock torches support handheld and mechanized cutting of a wider range of metal thicknesses, along with precision gouging such as spot weld removal, and marking capabilities.

Powermax65 SYNC

The Powermax65 SYNC® is a next-generation professional grade air plasma cutter that dramatically simplifies system operation for gouging and recommended cutting up to 20 mm (3/4″). Featuring automated system process set-up via advanced RFID-enabled SmartSYNC® torches and a revolutionary single-piece cartridge consumable that provides trackable utilization data. The Powermax65 SYNC maximizes productivity through reductions in downtime, optimized cut quality performance and streamlined consumable inventory management.

Powermax85 SYNC

The Powermax85 SYNC® is a next-generation professional grade air plasma cutter that dramatically simplifies system operation for gouging and recommended cutting up to 25 mm (1″). Features automated system process set-up via advanced RFID-enabled SmartSYNC® torches and a revolutionary single-piece cartridge consumable that provides trackable utilization data. The Powermax85 SYNC maximizes productivity through reductions in downtime, optimized cut quality performance and streamlined consumable inventory management.

Powermax105 SYNC

The Powermax105 SYNC® is a next-generation, professional-grade air plasma cutter that dramatically simplifies system operation for gouging and recommended cutting up to 32 mm (1-1/4″). Features automated system process set-up via advanced RFID-enabled SmartSYNC® torches, and a revolutionary single-piece cartridge consumable that provides trackable utilization data. The Powermax105 SYNC maximizes productivity through reductions in downtime, optimized cut quality performance, and streamlined consumable inventory management.

Powermax125

Delivering maximum power and performance for air plasma, the Powermax125® plasma system cuts thick metals fast. Able to make short work of the toughest cutting and gouging jobs, the system offers a 100% duty cycle, a 25 mm (1″) mechanized pierce capability, and fast gouging metal removal. It also gives you the latest technological innovations, such as Smart Sense™ technology to automatically adjust the gas pressure. Eleven Duramax® Hyamp™ torch styles provide versatility for hand cutting, portable automation, X-Y table cutting, extended reach cutting, and robotic cutting and gouging.

MAXPRO200

The MAXPRO200® LongLife® plasma cutting system is engineered for heavy-duty, high capacity automated and handheld cutting and gouging applications. The easy-to-use system operates with either air, oxygen, or nitrogen plasma gas, and combines fast cutting speeds and quick process changes to maximize productivity. Advanced Hypertherm consumable designs – including LongLife® technology – improve cut consistency and significantly increase consumable life to lower your cost per part. The MAXPRO200® has a mechanized pierce capability of 1-1/4".

Kjellberg CUTTING

Based in Lewisville, TX, Kjellberg Cutting Inc. is focused on bringing German engineered plasma cutting technology and an American service philosophy to cutting machine manufacturers in the USA.

Smart Focus 200

With just a few settings the plasma cutting units of the Smart Focus series achieve excellent results in the cutting range from 0.036 to 2-1/4" and piercing up to 1-1/4". Even under challenging conditions highest cutting quality and speed are realized. In such cases, we use our well-proven cutting technologies, e.g. Contour Cut for cutting mild steel. The optimized gas control units and torches protect the consumables, reduce the gas consumption and the costs per cutting foot. As a further development of the Contour Cut technology the Silent Cut technology reduces the sound pressure level by up to 15 dB(A) during cutting with currents between 60 and 160 A.

Smart Focus 300

With just a few settings the plasma cutting units of the Smart Focus series achieve excellent results in the cutting range from 0.036 to 3" and piercing up to 1-1/2". Even under challenging conditions highest cutting quality and speed are realized. In such cases, we use our well-proven cutting technologies, e.g. Contour Cut for cutting mild steel. The optimized gas control units and torches protect the consumables, reduce the gas consumption and the costs per cutting foot. As a further development of the Contour Cut technology the Silent Cut technology reduces the sound pressure level by up to 15 dB(A) during cutting with currents between 60 and 160 A.
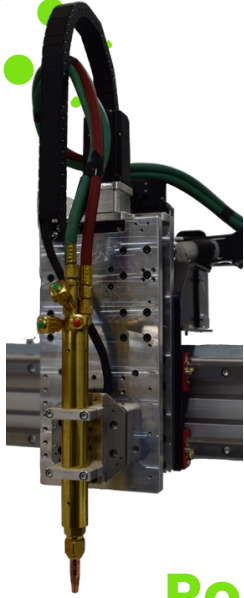
Smart Focus 400

With just a few settings the plasma cutting units of the Smart Focus series achieve excellent results in the cutting range from 0.036 to 4" and piercing up to 2". Even under challenging conditions highest cutting quality and speed are realized. In such cases we use our well-proven cutting technologies, e.g. Contour Cut for cutting mild steel. The optimized gas control units and torches protect the consumables, reduce the gas consumption and, thus, the costs per cutting foot. As a further development of the Contour Cut technology the Silent Cut technology reduces the sound pressure level by up to 15 dB(A) during cutting with currents between 60 and 160 A.
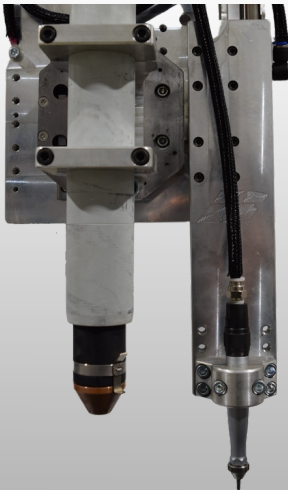
ACCESSORIES

Oxy Torch: All Models
Starting at $3,300

The Oxy Fuel Torch is a highly efficient tool that is designed to provide ease of use. The torch mount is magnetically centered, making it convenient to handle. When using plasma, the torch can be easily stored on a parking stand that keeps it out of the way. The torch can also be rotated to 35 and 45 degrees for bevel cutting. With a piercing capacity of up to 2" and the ability to cut through materials as thick as 4", this torch is a reliable option. It is compatible with various fuels, including acetylene, propylene, and propane.

Router: All Models
Starting at $1,100

Cutting through wood, plastics, foam, and many other materials has never been easier! The router attachment is specifically designed to give you the flexibility you need. To install the attachment, simply remove the plasma torch. The router boasts a powerful 3.25 horse Milwaukee spindle, allowing it to perform intricate 3D contouring, V-carving, and other general routing tasks with ease.

Scribe: All Models
Starting at $1,500

With the Scribe, you can easily engrave materials like steel, aluminum, brass, and stainless steel. This automatic tool is offset from the plasma torch, allowing you to scribe a part and then proceed to cut it in one smooth tool path. No need to stop and start again. The Scribe is particularly handy for marking bend lines for a press brake, identifying part and serial numbers, and marking weldment locations.

Plate Marker: All Models
Starting at $150

With Plate Marker, you can create precise drawings without having to cut the material first. This innovative tool allows you to visualize your work before making any cuts. The spring-loaded permanent marker can adjust to the material's height, while a magnetic self-centering feature on the torch mount makes for a speedy changeover.
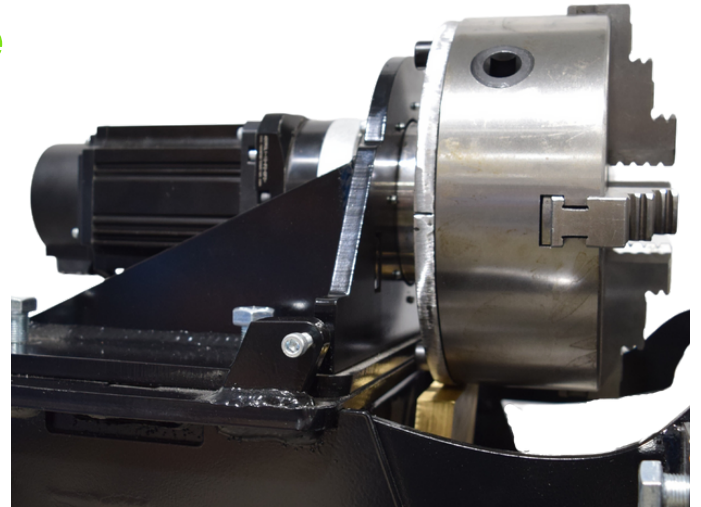
Hand Pendant: FlashCut Software
Starting at $800

The FlashCut software is fully compatible with the hand pendant, which allows you to operate your table remotely without being behind the computer. The joystick feature ensures that you can control multiple axes simultaneously, while the buttons can be tailored to suit any function. Additionally, you can modify the key labels to better align with your specific requirements.

Rotary: FlashCut Software
Starting at $7,800

Exclusively on FlashCut Software Models, The Rotary enables you to cut up to 4" of tube in diameter. With the software, you can cope, miter, fish mouth and design simple assemblies. Additionally, you have the ability to scribe on the tube.

Workstation: All Models
Starting at $885

The computer stand is designed to be easily mobile, offering a rolling workstation. It has ample space for your computer, keyboard, mouse, and monitor, alongside storage available inside the cabinet.

Comparison Chart

FEATURES	PRO	WHC	MVP
Built in USA	✓	✓	✓
Fully Welded Frame	✓	✓	✓
Oversized Cut area	✓	✓	✓
Adjustable Feet	✓	✓	✓
Industrial Bearings for Long Life and Rigidity	✓	✓	✓
Rack and Pinion Helical Gears	✓	✓	✓
Ball Screw Z-Axis	✓	✓	✓
Planetary Gear Boxes	✓	✓	✓
Collision Detection	✓	✓	✓
Industrial Motor Wiring	✓	✓	✓
Digital Torch Height Control	✓	✓	✓
THC Auto-Off	✓	✓	✓
Under Table Storage	✓	✓	✗
Roller Ball Assisted Loading	✓	✓	✗
Water Height Controlled	✓	✓	✗
FlashCut CAD/CAM/CNC Windows Operating System	✓	✗	✗
True Shape Auto Nesting	✓	✗	✗
Cut Time Estimation	✓	✓	✓
Automatic Lead-In on Restart	✓	✓	✓
Servo Motors-1000IPM	✓	✗	✗
Stepper Motors	✗	✓	✓
Motor Current Sensing	✓	✗	✗
HALO/QCad/Inkscape/SheetCam Linux Operating System	✗	✓	✓

PARTS TUMBLER

NO MORE GRINDING ON SMALL PARTS!

BOSS TABLES.COM

42-Inch Tumbler

$4,000

Robust 3/4 Horsepower Motor
Operates at a Steady 8 Revolutions per Minute
Incorporates a Timer with a Range from 0 to 60 Minutes
Features an Estop Pull Cable Switch
Sturdy 4" Tube Frame Crafted through Welding
Constructed using 3/16th and 11 Gauge Tubing for Resilience
Enhanced with 3/8th Rubber Matting for Durability and Noise Reduction
Door is Securely Fastened with 3 Locking Latches
Equipped with Adjustable Foot Levelers for Stability

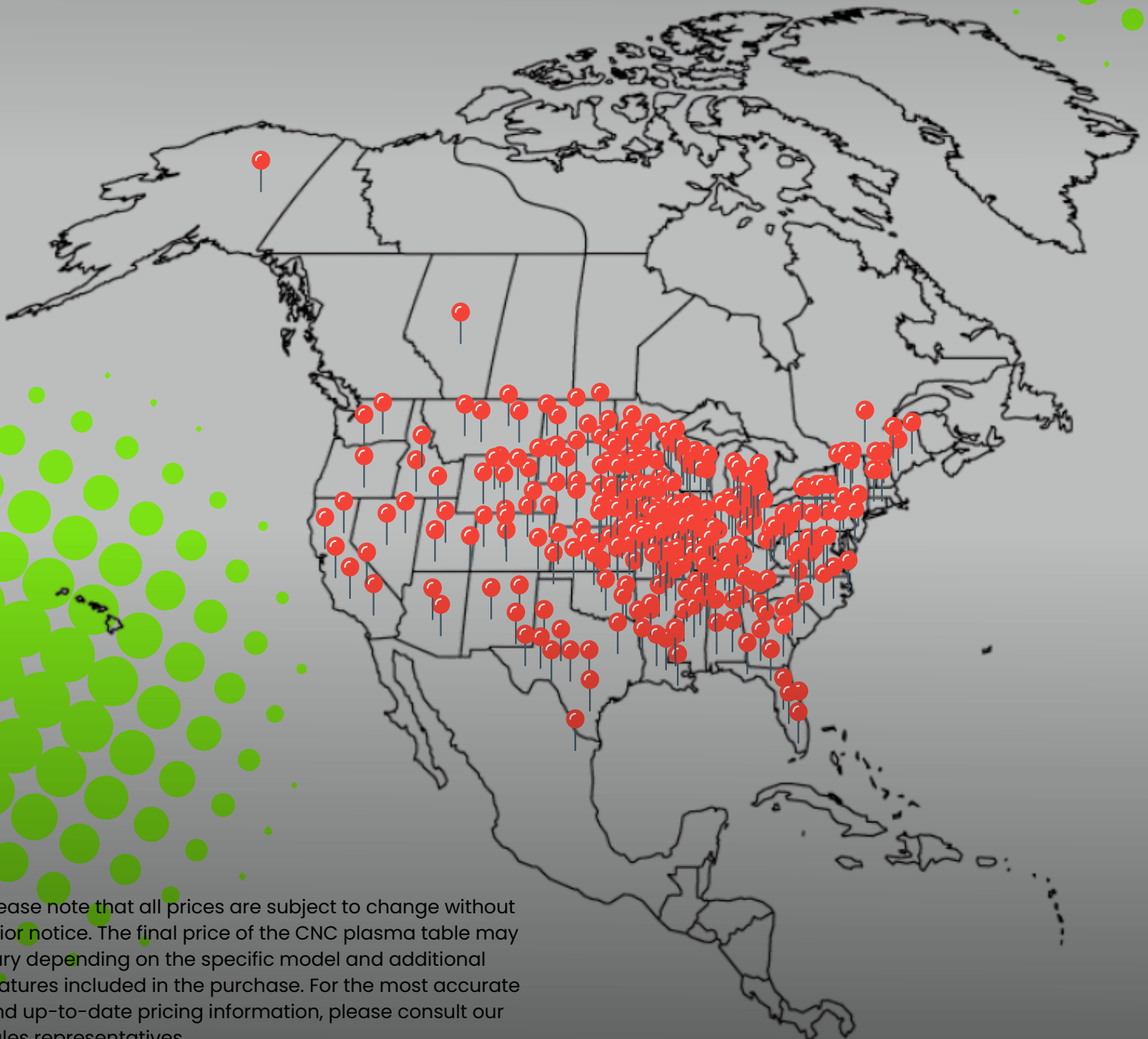### 56-Inch Tumbler

$6,000

Product Locations

3-Countries

49-States

Over 400 Tables Made and Sold

"Better Built to Better Serve"

MADE IN U.S.A
MADE IN U.S.A