

Plasmasonic 4020 • 6'x 13' CNC Plasma Plate Cutting System



Plasmasonic 4020 6'x 13' CNC Plasma Cutting System \$68,750

Plasmasonic cutting machines, which are equipped with our precision fine beam plasma generators, are able to combine the highest cutting quality with low consumable cost. The fine-beam PP (Precision Plasma) generators ensure fast piercing and high cutting speeds with an unusually clean and almost perfectly square cutting edge. Our plasma cutting machines are equipped with an automatic CNC-controlled gas mixing console, marking, cutting table equipped with sectional suction, suction unit, and particulate filter system. The flat bed machines can also be combined with a pipe cutting device. Other options include a bevel cutting unit for 5 axis operation to produce quick and accurate welding bevels.

Options included on this machine:

- Plasmasonic K-8 jet filter system \$10,000
- Plasmasonic Oxy-fuel Cutting Head \$5,000



Total Value: \$83,750
In-Stock Special
\$75,000!

Specifications

Table length	4000 mm (156")
Table width	2000 mm (79")
Max. cutting speed	7500 m/min (292"/min)
Max positioning speed	15000 m/min (580"/min)
Repeatability	±0.05 mm (0.02")
Positioning accuracy	±0.1 mm (0.04")

Plasmasource 260A

Cutting thickness 30 (1.2")

Low Carbon Steels

Max piercing thickness 32 (1.2")

Max non-piercing thickness 65 (2.5")

Stainless Steels

Cutting thickness 20 (0.8")

Max piercing thickness 25 (1")

Max non-piercing thickness 50 (2")

Control of gas pressure during cutting Automatic

Gases used (plasma cutting) Oxygen, Air, Nitrogen, F5, H35

Gases used (oxy-fuel) Oxygen, propane

Standard Configuration:

- Solid, welded, high quality steel frame
- Automatic gas and air pressure adjustment for plasma and oxy-fuel cutting is done in a control unit
- Hand operating unit (allows parameter changes while cutting)
- Automatic height control
- Double filter unit VLP
- Automatic workpiece marking
- Ergonomic control panel
- Robust, stand-alone table with sectional fume extraction
- Import CNC files in DIN/ISO G, DXF, and ESSI formats
- Design and edit parts with integrated CAD/CAM program
- Automatic nesting software
- Retrace-retry function (Reset the cutting head after a break)
- Function for automatic process shutdown in case of electrode and nozzle break
- Automatic look-ahead and feed regulation for tight radii

