

## Industrial CNC Plasma Cutting Systems

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# Silver Cut HD - Light industrial high definition

*Ideal for small to medium fabrication and HVAC job shops*

- This cutting table uses heavy duty industrial quality components for long term durability
- Affordable high definition cutting plasma, with automatic gas console (True Hole, plasma etching and marking)
- Dual drive technology for smooth gantry motion and stability
- Unitized design: easy to move and small footprint



## FEATURES:

- Unitized system
- Table sizes: 5' x 10' or 6' x 12'
- Dual side Bosch Rexroth AC Servo motors with Ethercat
- Hypertherm XPR170 or XPR300 plasma cutters auto gas console (True Hole, etching and marking)
- Hypertherm Edge Connect controller
- Hypertherm Pronest CAD/CAM software (controller version)
- Machitech Automatic torch height control
- Drawers on downdraft model
- Additional system options available
- Full parts list and electrical schematics included
- On-site installation and training included
- Free lifetime remote support

# Silver Cut HD - Light industrial high definition

## SPECIFICATIONS:

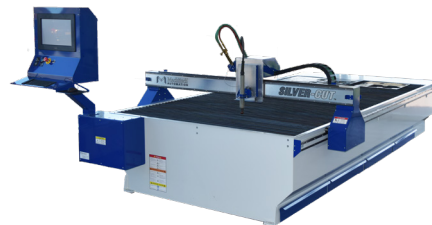
<b>FEATURES</b>	<ul style="list-style-type: none"> <li>Affordable high definition cutting solution.</li> <li>Auto gas console (True Hole / Plasma etching/marketing)</li> <li>Ideal for small fabrication and HVAC job shops</li> <li>Dual Drive technology for smooth gantry motion / stability</li> <li>Small footprint and easy to move</li> </ul>
<b>CONSTRUCTION</b>	Fully welded and machined unitized steel table
<b>GANTRY</b>	<ul style="list-style-type: none"> <li>6" x 6" Steel</li> <li>Clearance under gantry: 5"</li> <li>Linear ways</li> <li>1/2" Agma 10 rack and pinion</li> </ul>
<b>RAILS</b>	<ul style="list-style-type: none"> <li>1/2" Agma 10 rack and pinion</li> <li>Self-cleaning Dual Vee rails</li> </ul>
<b>TABLE SIZES</b>	5' x 10' or 6' x 12'
<b>CNC</b>	<ul style="list-style-type: none"> <li>Hypertherm Edge Connect</li> <li>2 USB port, network connection</li> <li>Phoenix software</li> <li>Shape library</li> <li>Part Program Support (PPS), Remote Help, Auto gas support, DXF import, and shape nesting</li> <li>2 year warranty</li> </ul>
<b>SOFTWARE</b>	Hypertherm CAM ProNest (controller vers.)
<b>DRIVES</b>	Bosch Rexroth AC servo motors (Ethercat)
<b>GEARBOX</b>	20:1 low backlash planetary gearboxes
<b>RACK &amp; PINION</b>	1/2" face - Agma 10
<b>MAX. STATIONS</b>	1 Plasma, 1 Oxy-fuel
<b>PLASMA OPTIONS</b>	<ul style="list-style-type: none"> <li>Hypertherm XPR170 or XPR300</li> <li>Automatic gas console</li> <li>Plasma etching and marking</li> </ul>
<b>HYPERTHERM TRUE HOLE ENABLED</b>	Yes
<b>HYPERTHERM FULL SUITE</b>	Yes
<b>HEIGHT CONTROL</b>	<ul style="list-style-type: none"> <li>Machitech Automatic THC</li> <li>Ball screw automatic torch height control</li> <li>Magnetic torch breakaway</li> </ul>
<b>CUTTING SPEED</b>	0 to 500 IPM, related to process and plasma power source
<b>MAX. TRAVERSE SPEED</b>	800 IPM

<b>REPEATABILITY</b>	0.002"
<b>POSITIONING ACCURACY</b>	0.003"
<b>TABLE TYPE</b>	<ul style="list-style-type: none"> <li>Water or single zone Downdraft (drawers included for easy small part and slag removal)</li> <li>Can be converted from water to downdraft</li> </ul>
<b>TABLE CAPACITY</b>	1.5'

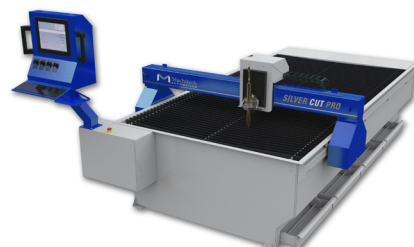
## OPTIONS AVAILABLE:

<b>AUTO SLAG REMOVAL SYSTEM</b>	No
<b>CAMERA</b>	No
<b>DOT PEEN MARKER</b>	No
<b>DRILL</b>	No
<b>DRILL TOOL CHANGER</b>	No
<b>DUST COLLECTION SYSTEM</b>	Yes - different systems and options available
<b>EXTRA HIGH CLEARANCE</b>	Yes +3" (total clearance of 8")
<b>INK JET MARKER</b>	No
<b>OXY-FUEL BEVELING</b>	Yes - straight line bevel adaptor
<b>PLASMA BEVELING</b>	Straight line bevel adaptor
<b>PULL CORD</b>	Yes
<b>ROTARY PIPE/TUBE PROCESSING</b>	No
<b>SCRIBER</b>	Yes

## OTHER SILVER CUT MODELS:



**Silver Cut:**  
Light industrial with conventional plasma



**Silver Cut PRO:**  
High definition plasma with manual gas console