ROBOTIC Plasma Beam Line + Plate Table

4-Side Cutting  |  Coping  |  Beveling  |  Bolt Holes  |  Marking  |  Plate Cutting

SteelPRO 900

Inovatech Engineering Corp.
Structural Profiles to 44”x 65’
4-Side Cutting & Marking
Up to two 24’x10’ Plate Tables
With Full Bevel Capability
Industrial Fanuc® Robot
Hypertherm® Hi-Def Plasma
Güdel® Precision Gear Track
True Hole® Technology

cut more, faster • no manual set up

**Material Transfer System**
Optional lift-and-carry transfer system loads and unloads profiles up to 12,000 lbs. / 750 PSF

<table>
<thead>
<tr>
<th>Profile</th>
<th>Minimum</th>
<th>Maximum</th>
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</thead>
<tbody>
<tr>
<td>Beam (web height)</td>
<td>4” (100mm)</td>
<td>40” (1016mm)</td>
</tr>
<tr>
<td>Beam (flange height)</td>
<td>4” (100mm)</td>
<td>17” (430mm)</td>
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<tr>
<td>HSS</td>
<td>3 x 3” (76 x 76mm)</td>
<td>24 x 20” (609 x 508mm)</td>
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<tr>
<td>Pipe (O.D.)*</td>
<td>3” (75mm)</td>
<td>18” (450mm)</td>
</tr>
<tr>
<td>Channel (height)</td>
<td>3” (76mm)</td>
<td>18” (450mm)</td>
</tr>
<tr>
<td>Channel (width)</td>
<td>1½” (31.75mm)</td>
<td>5” (127mm)</td>
</tr>
<tr>
<td>Angle</td>
<td>3 x 3” (76 x 76mm)</td>
<td>8 x 8” (203 x 203mm)</td>
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<tr>
<td>Flat Bar†</td>
<td>3½” (31.75mm)</td>
<td>13.780” (350mm)</td>
</tr>
<tr>
<td>Bulb Flat</td>
<td>6.3 x 0.275” (160 x 7mm)</td>
<td>13.4 x 0.47” (340 x 12mm)</td>
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<tr>
<td>Plate</td>
<td>12 x 24” (304 x 609mm)</td>
<td>24 x 10” (7315 x 3048mm)</td>
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*Optional Equip. †Refer to the HPR system selected for thickness data.

**Integrated Ventilation System**
Automatic fume extraction from the active zone.

**Pinch Roll System**
Infeed/Outfeed system for driving and measuring the material.

**Robot Enclosure**
Provide a safe environment for the operator while containing fumes and reducing noise.

**8-Axis Robotic Gantry**
Güdel track system (.02mm)
Fanuc M20iA industrial robot.
more versatile
more productive
more profitable

Transform beams, square and rectangular tubing, angle, channel and bulb flats
Cut flat plate, base plates and stiffener plates with an optional plate table

Hypertherm HyDefinition® Plasma
HPR260XD® or HPR400XD® system with automated gas control cuts steel, stainless steel and aluminum up to 3.2”

Easy-To-Use Operator Station
Industrial PC communicates with the robot and your shop network. Display messages, alarms, maintenance screens and plasma power unit states.

Plate Table (Optional)
Multi-Configuration plate tables available. One or two plate table bed sizes such as 6’x10’ / 12’x10’ / 24’x10’

65’ Infeed/Outfeed Conveyors
Chain driven conveyors with solid rolls accept up to 40” wide beam.

Multi-Position Sub-Frame (Optional)
Multi-Position plate table allows continuous production while loading and unloading.

www.InovatechEngineering.com
1-877-453-0517
SteelPRO Series
Robotic 2D/3D Plasma Cutting System

Table Size: 10'x6', 10'x12' or 10'x24'
Configuration: One or Two Beds
Plate Table Position: Two or Three

SteelPRO Series Software is included with Inovatech Engineering robotic cells. Together they provide everything required for 2D/3D robotic plasma cutting.

Builder, for users who need to create or convert parts, this stand alone tools can be used to create DSTV (3D) files for SteelPRO Nester.

Nester, for organizing parts into stock material. It provides a multitude of options to allow the user control over how parts will be processed. Can process DSTV (3D) and G-Code (2D) data into SteelPRO Director ready cutting operations.

Director, for real-time control over 2D/3D robotic plasma cutting. It seamlessly integrates all machine components into an easy to use interface. Flexible workflow allows for easy operation but also provide tools necessary for more advanced control.