Introducing THE 600 DRILLHOLES COPING 4-SIDE CUTTING BEAMS BEVELING PIPE CUTTING MARKING

SteelPRO
Robotic Beam Line

Inovatech Engineering Corp.
• PROFILES UP TO 44” × 65’
• SPACE SAVING DESIGN
• SIMPLE TO OPERATE
• HANDS-FREE SETUP
• ROBOTIC CNC SOFTWARE

Step up to maximum productivity with the new SteelPRO 600.

Inovatech Engineering Corp. packs powerful structural steel processing capabilities into an easy-to-operate system with a space-saving footprint.

Regardless of part size, application, coping, and beveling requirements, the SteelPRO 600 robotic plasma beam line combines continuous production capabilities with a fast, precise cut for substantial reductions in setup, material handling and labor versus manual processes.

Continuous production of structural profiles with precision and control.

Whether you’re processing I-beams, H-beams, square or rectangular tubing, angle, channel, flat bar, bulb flats, or round pipe, the SteelPRO 600 is your best solution.

<table>
<thead>
<tr>
<th>Profile Type</th>
<th>Minimum</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beam (web height)</td>
<td>4” (100 mm)</td>
<td>40” (1016 mm)</td>
</tr>
<tr>
<td>Beam (flange height)</td>
<td>4” (100 mm)</td>
<td>17” (430 mm)</td>
</tr>
<tr>
<td>Pipe (O.D.)</td>
<td>3” (75 mm)</td>
<td>18” (450 mm)</td>
</tr>
<tr>
<td>HSS</td>
<td>3”×3” (76×76 mm)</td>
<td>24”×20” (609×508 mm)</td>
</tr>
<tr>
<td>Channel (height)</td>
<td>3” (76 mm)</td>
<td>18” (457 mm)</td>
</tr>
<tr>
<td>Channel (width)</td>
<td>11/4” (31.75 mm)</td>
<td>5” (127 mm)</td>
</tr>
<tr>
<td>Angle</td>
<td>3”×3” (76×76 mm)</td>
<td>8”×8” (203×203 mm)</td>
</tr>
<tr>
<td>Flat Bar</td>
<td>3-3/8” (31.75 mm)</td>
<td>13.780” (350 mm)†</td>
</tr>
<tr>
<td>Bulb Flat</td>
<td>6.3”×0.275” (160×7 mm)</td>
<td>13.4”×0.47” (340×12 mm)</td>
</tr>
</tbody>
</table>

† Refer to the HPR system selected for thickness data.
Robot Enclosure
A safe processing environment with interlocking access door, observation windows, and spark or noise reduction curtains.

Hypertherm® HyperPerformance® Plasma
Cut up to 3.3” thick with automated gas control.

Ventilation System Integration
Controlled fume extraction for maximum efficiency and operator safety. Integrates with SteelPRO dust collection systems.*

7-Axis Robot Cell
Industrial Fanuc® M20iA robot aids in reliable precision and application flexibility.

Torque Sensing Follower
Servo cart powered by Fanuc® motor features integrated absolute encoder—no calibration required.

Robust Operator Station
Control, monitor, and communicate machine functions. Includes standard PC and comprehensive SteelPRO FullCircle™ robotic software suite for real-time control and batch operations.

65’ Infeed and Outfeed Conveyors
48” chain driven, solid steel rollers handle workpieces up to 44” and 750 lbs. per foot.

Material Transfer System*
Optional cross-transfer system stores, loads, and unloads profiles to maximize efficiency, safety, and productivity. 12,000 lbs. maximum profile weight.

Pressure Booster System
Booster comes standard to provide clean, dry, high pressure compressed air to the machine.

*Optional equipment. Please contact your sales representative to order.
Inovatech Engineering Corp. is in the business of providing integrated robotic solutions for manufacturing. We strive to continually improve production speed, productivity, and efficiency without compromising quality, customer satisfaction, and profitability. Our dedicated engineers will take the time to understand your company’s requirements to develop customized solutions.

StevePRO FullCircle™ is a feature-rich, intuitive, and remarkably easy-to-use software suite that lets you control every aspect of material production. From automatic part nesting to on-the-fly path jogging, editing, and detailed production tracking, FullCircle software can boost productivity and make your work easier. Optimize and propagate leads, paths, and plasma settings throughout the FullCircle suite. Share optimizations among other SteelPRO machines to ensure they always operate at their best.

**Builder**
Quickly and easily detail parts from scratch.

**Nester**
Nest complex jobs with ease.

**Director**
Easily produce parts and control all aspects of the production process.

**Tracker**
Analyze production and efficiency using automatically stored machine statistics.