ESCO’s Second-Generation Horizontal Profiler (HPX); Utilizes a continuous blade band knife or tooth blade for fast and accurate profile cutting of flexible polyurethane foams, viscoelastic memory foam, latex foam, and semi-rigid high ILD PU foam.

The horizontal contour foam saw has many applications and options making it a very versatile foam fabrication machine. ESCO’s horizontal blade CNC foam saw is most commonly used in furniture, bedding, packaging, medical, automotive and aerospace industries.

### HPX 50-88 Horizontal CNC Blade Contour Saw

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>TABLE LENGTH</th>
<th>86.6 IN [2200 MM]</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUTTING SPEED</td>
<td>180FT/MIN [55M/MIN]</td>
</tr>
<tr>
<td>CUTTING WIDTH</td>
<td>86.6 IN [2200 MM]</td>
</tr>
<tr>
<td>CUTTING HEIGHT</td>
<td>51.2 IN [1301 MM]</td>
</tr>
<tr>
<td>FLOOR SPACE REQUIRED</td>
<td></td>
</tr>
<tr>
<td>OVERALL WIDTH</td>
<td>230 IN [5842 MM]</td>
</tr>
<tr>
<td>OVERALL LENGTH</td>
<td>297 IN [7544 MM]</td>
</tr>
<tr>
<td>MAXIMUM HEIGHT</td>
<td>156 IN [3962 MM]</td>
</tr>
</tbody>
</table>

**SHIPPING WEIGHT**: HPX 50-88 MODEL - 8,000 LBS [3,629 KG] [VARIES BY MODEL/OPTIONS]
STANDARD FEATURES
- PC BASED OPERATOR TERMINAL
- INDUSTRIAL HANDHELD REMOTE CONTROL
- AIR-CONDITIONED MAIN CONTROL PANEL
- SIEMENS CNC MOTION CONTROLS
- ESCODRAW STANDARD
- MANUAL TURNTABLE ASSEMBLY
- ADJUSTABLE CENTER BLADE GUIDE/STABILIZER
- ADJUSTABLE BLOCK HOLD-DOWN SYSTEM
- VARIABLE SPEED BLADE DRIVE
- PERIMETER GUARDING

OPTIONAL FEATURES
- ESCODRAW PRO - ADVANCED NESTING AND CUT PATH GENERATOR
- AUTOMATIC TURNTABLE UPGRADE
- CONVEYOR FOR TURNTABLE WITH AUTOMATIC LOAD/UNLOAD
- BLADE SHARPENING SYSTEM WITH DUST COLLECTION
- AIR-CONDITIONED PC TERMINAL
- ESCO CLEAN BLADE SYSTEM

OPERATOR CONTROL FEATURES
- PC BASED OPERATOR TERMINAL MOUNTED ON FREESTANDING PODIUM
- INDUSTRIAL HANDHELD REMOTE CONTROL

BLADE ASSEMBLY SPECIFICATIONS
- VARIABLE SPEED KNIFE BLADE
- SIEMENS CNC MOTION CONTROLS
- PNEUMATIC BLADE TENSION
- PRECISION BALANCED BLADE WHEELS
- ADJUSTABLE CENTER BLADE GUIDE/STABILIZER
- ADJUSTABLE BLOCK HOLD-DOWN

TURNTABLE ASSEMBLY SPECIFICATIONS
- MANUAL TURNTABLE [STANDARD]
- AUTOMATIC TURNTABLE [OPTIONAL]
- AUTOMATIC TURNTABLE WITH CONVEYORS [OPTIONAL]

HOLD-DOWN + CENTER GUIDE ASSEMBLY SPECIFICATIONS
- ADJUSTABLE BLOCK HOLD-DOWN WITH POWERED ROLLERS
- POWERED ADJUSTABLE CENTER GUIDE/STABILIZER

POWER REQUIREMENT SPECIFICATIONS
- 60A, 240VAC, 3-PHASE
- CLEAN, DRY COMPRESSED AIR