• Increased productivity
• Fast, accurate, quality cuts
• Continuous process cutting
BurnPro-R  Pipe Manager

- cut selection
- Intuitive
- Easy to understand

Standard Cutts

- Miter cut (30° To 150°)
- Straight cut
  - (with or without weld bevel)
- ‘T’ Socket - Main Cut
  - (with or without offset)
- ‘T’ Socket - Branch Out
  - (with or without offset)
- Slot Cut
  - (or rectangular hole cut)
- Elbow Support Cut
- Lengthwise cut
  - (pipe slit)
- Dual Intersecting Saddle cuts
- ‘V’ Cut
Typical Cut Parameter Input Screens (showing input fields for required data)

**Unique Features**

- FANUC robot with 8 axes of motion
- Industrial grade PC-based control
- Graphical User Interface (GUI)
- 2 user licenses
  - for the control system
  - for office use
  - off line development of cuts and cut recipes
  - save to 3½ floppy disk or CD
- Ethernet connection
  - link to your SHC over local area network
- Plasma cutting kit (Hypertherm 1650)

**Options**

- Oxy/gas Cutting Unit
- Integrated Conveyor
- Roller Infeed System
- Roller Outfeed System
- Forty-foot Capacity (12 meters)
- Automated Process Cutting Package

**Technical Specifications**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum OD</td>
<td>750 mm [30&quot;] (Larger capacities available)</td>
</tr>
<tr>
<td>Minimum OD</td>
<td>100 mm [4 pipe]</td>
</tr>
<tr>
<td>Minimum OD (with adapter)</td>
<td>60 mm [2 pipe]</td>
</tr>
<tr>
<td>Maximum length</td>
<td>8 meters [26 feet]</td>
</tr>
<tr>
<td>Maximum cut depth - Oxy/gas</td>
<td>40 mm [1.57&quot;]</td>
</tr>
<tr>
<td>Maximum cut depth - Plasma</td>
<td>38 mm [1.5&quot;]</td>
</tr>
</tbody>
</table>
User Control Interface

- FANUC robot with 8 axes of motion
- PC-Based Control
- Industrial grade
- Touch Screen
- Windows XP©
- Operating System
- 40 giga-byte Hard Drive
- CD ROM Drive
- 3½ Floppy Disk Drive
- Auto Startup Diagnostics
- Network Port
- On-line and Off-line

Cutting Costs

![Graph showing cutting costs over the number of cut pieces.](chart.png)

Worker Hours vs. Number of Cut Pieces

- Same cut-manual
- Same cut-SHC
- Different cut-manual
- Different cut-SHC

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