Pipe Cutting Machine

**Cut pipe up to 63" dia. with wall thickness up to 2"**

Ideal for use in municipal water and gas utilities, petrochemical, power generation, plant maintenance, pipe line construction, marine and demolition applications.

- Heavy-duty, versatile air and hydraulic pipe cutting machines
- Cut pipe from 6" to 63" dia. with wall thicknesses from 1/4" to 2"
- Use on steel, ductile iron, nonferrous metal, HDPE, plastic, concrete pipe and more
- Cut pipe underground with minimal excavation
- 7" blade with adjustable cutting depth and fully enclosed blade guard
- Machine is manually guided with hand lever feed to make a 360° cut in pipe at 90 degrees
- Guide chain is adjustable by adding and removing chain links
- ATEX certified for use in Ex Zones (ATEX II 2 GcT6)

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**Features include:**

- Fast cutting of pipe
- Adjustable cutting depth
- Fully enclosed blade guard
- Cooling water connection
- Carbide-tipped or diamond-coated blades

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**Pneumatic Motor**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Power</th>
<th>Blade Arbor</th>
<th>Motor Specifications</th>
<th>Speed (RPM)</th>
<th>Blade Dia.</th>
<th>Hose Connection</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 8002 7000</td>
<td>2.4 HP</td>
<td>7/8&quot;</td>
<td>77 CFM @ 90 PSI</td>
<td>350/1800</td>
<td>7&quot;</td>
<td>1/2&quot; NPT</td>
<td>28</td>
</tr>
<tr>
<td>5 8010 0050</td>
<td>4 HP</td>
<td>7/8&quot;</td>
<td>106 CFM @ 90 PSI</td>
<td>1800</td>
<td>7&quot;</td>
<td>3/4&quot; NPT</td>
<td>28</td>
</tr>
</tbody>
</table>

**Hydraulic Motor – 1/2" FF (HTMA) Couplings**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Power</th>
<th>Blade Arbor</th>
<th>Motor Specifications</th>
<th>Speed (RPM)</th>
<th>Blade Dia.</th>
<th>Hose Connection</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 8006 7000</td>
<td>4 HP</td>
<td>7/8&quot;</td>
<td>6-13 Gallons @ 2000 PSI</td>
<td>350/1800</td>
<td>7&quot;</td>
<td>1/2&quot; FF (HTMA)</td>
<td>28</td>
</tr>
</tbody>
</table>

Beveling cutters available for some models. Contact CS Unitec for more information.
Pipe Cutting Machine – Accessories

### Parts Recommendations – (Qty.) x Part No.

<table>
<thead>
<tr>
<th>Pipe Diameter</th>
<th>Guide Carriage</th>
<th>Chain Tensioner</th>
<th>Tensioning Chain</th>
<th>Guide Chain</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” to 16” (150-400mm)</td>
<td>5 8010 8090</td>
<td>(1) 5 8003 8300</td>
<td>(1) 5 8002 8760</td>
<td>(1) 5 8002 8780</td>
</tr>
<tr>
<td>16” to 32” (400-800mm)</td>
<td>(1) 5 8010 8090</td>
<td>(1) 5 8002 8400</td>
<td>(1) 5 8002 8710</td>
<td>(1) 5 8002 8780</td>
</tr>
<tr>
<td>24” to 40” (600-1000mm)</td>
<td>(1) 5 8010 8100</td>
<td>(2) 5 8002 8400</td>
<td>(1) 5 8002 8710</td>
<td>(1) 5 8002 8820</td>
</tr>
<tr>
<td>16” to 55” (400-1400mm)</td>
<td>(1) 5 8010 8090</td>
<td>(2) 5 8002 8400</td>
<td>(1) 5 8002 8710</td>
<td>(1) 5 8002 8830</td>
</tr>
<tr>
<td>16” to 63” (400-1600mm)</td>
<td>(2) 5 8010 8100</td>
<td>(2) 5 8002 8400</td>
<td>(2) 5 8002 8710</td>
<td>(1) 5 8002 8830</td>
</tr>
</tbody>
</table>

**Guide Chain**

All guide chains include tightener

**Part No.**
5 8002 8760
5 8002 8770
5 8002 8780
5 8002 8810
5 8002 8790
5 8002 8820
5 8002 8830

**Description**
24 chain links
35 chain links
46 chain links
57 chain links
68 chain links
79 chain links
90 chain links

**Chain Link (Length: 2-1/4”)**
Part No. 5 8001 8750

**Tightener – Part No.** 5 8002 6800

**Tensioning Chain**

**Small Chain Tensioner**
Part No. 5 8003 8300

**Large Chain Tensioner**
Part No. 5 8002 8400

**Guide Carriages**

**Small Guide Carriage – Part No.** 5 8010 8090

**Large Guide Carriage – Part No.** 5 8010 8100

**Feeding Pipe – Part No.** 5 8002 9500

**7” Saw Blades – for 2” max. cutting depth**

**Carbide-tipped Blade**
Part No. 9 2503 0120
For steel, stainless steel (min. 1/4” wall thickness), plastics, HDPE and PVC

**Diamond Blade**
Part No. 9 2503 0100
For cast iron, ductile iron, cement, concrete and clay

For a list of contents included with each kit, visit our website at: www.csunitec.com/saws/pipe-cutting-machines

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Pipe Cutting Machine Kits

<table>
<thead>
<tr>
<th>For Pipe Diameters</th>
<th>Pneumatic Kit Part No.</th>
<th>Hydraulic Kit Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” to 16” (150-400mm)</td>
<td>5 8010 16PK</td>
<td>5 8006 16HK</td>
</tr>
<tr>
<td>6” to 32” (150-800mm)</td>
<td>5 8010 32PK</td>
<td>5 8006 32HK</td>
</tr>
<tr>
<td>6” to 63” (150-1600mm)</td>
<td>5 8010 63PK</td>
<td>5 8006 63HK</td>
</tr>
</tbody>
</table>

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View a demonstration of our versatile pipe cutting machine: