PORTABLE SAWS

HACKSAWS
RECIPROCATING SAWS
BAND SAWS
CHAIN SAWS
CUT-OFF SAWS

For Cutting Pipe, Structural Steel, Wood, Plastic, Concrete and Masonry
CS Unitec’s portable saws and tools are ideal for cutting pipe, structural steel, tanks, bolts, angle iron, concrete and other materials, including plastic and wood. We offer the widest range of portable pneumatic, electric and hydraulic saws in the industry.

Our saws can be used as hand-held tools or with an assortment of clamps for pipe and other materials. All CS Unitec saws are heavy-duty for use in industry and construction. Our complete saw line includes pneumatic-, electric- and hydraulic-powered tools, saw blades and accessories, all available for prompt delivery.

CS Unitec is the industry leader in:
- Portable saws for cutting pipe, metal, concrete, etc.
- Compact, lightweight, hand-held and clamp-mounted saws
- The best power-to-weight ratios
- Long-lasting, heavy-duty saw blades for fast cutting of steel, stainless steel, Inconel, chrome, Hastelloy, aluminum, iron, plastics, masonry, concrete and other materials

We offer:
- Pneumatic-, electric- and hydraulic-powered saws
- Clamps for 90° cutting of pipe, structural steel and other materials
- Compact sizes for sawing in confined spaces

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1-800-700-5919
Visit our Web site at www.csunitec.com
Choose your Power...

**Pneumatic-powered Saws**
- ATEX Certified for use in hazardous areas (selected models)
- Reliable and require less maintenance
- High power-to-weight ratios

**Electric-powered Saws**
- Ideal for heavy-duty cutting applications in industry and construction
- Simple and easy to use
- Available in 110 Volt/60Hz or 220 Volt/50Hz

**Hydraulic-powered Saws**
- Utilized for special cutting situations, such as underwater
- Ideal for professional sawing and drilling applications where hydraulic power is the norm
- ATEX Certified (selected models)

Choose your Cutting Method...

**Hand-held**
We lead the industry in rugged portable saws that are ideal for free-hand cutting applications.

**90° with Pipe Clamps**
Our portable saws are ideal for right-angle cutting of pipe and structural steel using chain clamps or vise-on clamps.

**Track-mounted**
We offer a variety of clamps for applications that require the saw to be stable.

Choose your Heavy-duty Blades and Chains...

**Reciprocating**
Our extensive blade line includes a complete range of blades for reciprocating saws.

**Heavy-duty Thick**
90° cutting with a clamp is easy when you use our heavy-duty thick blades.

**Chains and Blades**
We offer diamond chains, carbide chains and chisel chains, as well as diamond saw blades, for a wide variety of sawing applications.
Reciprocating Air Saws

Compact, Quiet & Reliable
Low Vibration/Low Air Volume
Cut Pipe, Structural Steel, Sheet Metal, Fiberglass, Plastic and More.

• Piston air motors use low air volume (CFM) while maintaining a fast cutting speed (2000 to 10,000 strokes per minute)
• Safe around gas and other flammable materials; recommended for fire and rescue applications where high CFM isn’t available
• ATEX Certified – for use in hazardous areas
• CL and PL saws use standard hand hacksaw blades; convert to a 3/4” blade size simply by changing the nosepiece
• Rugged saw bodies constructed of heavy-duty cast steel and aluminum
• Built-in lubrication system automatically lubricates the motor
• Safety STOP/Isolator button disconnects air supply

PL Saws - For High-volume Production Environments p. 5

CL Saws - For Demanding Maintenance Applications p. 6

JP Saws - For Fiberglass and Sheet Metal Production p. 7

Cengar Air Saw Blades

1/2" Wide Bi-metal Blades (for CL50, JP901 and PL905)

<table>
<thead>
<tr>
<th>Blade Code</th>
<th>Description</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB300/18</td>
<td>Hand</td>
<td>18</td>
<td>12&quot;</td>
</tr>
<tr>
<td>HB300/24</td>
<td>Hand</td>
<td>24</td>
<td>12&quot;</td>
</tr>
<tr>
<td>HB300/32</td>
<td>Hand</td>
<td>32</td>
<td>12&quot;</td>
</tr>
<tr>
<td>MC220/24</td>
<td>Machine</td>
<td>24</td>
<td>8 1/2&quot;</td>
</tr>
<tr>
<td>MYN150/18</td>
<td>Notched Yellow</td>
<td>18</td>
<td>6&quot;</td>
</tr>
<tr>
<td>MYT150/18</td>
<td>Tapered Yellow</td>
<td>18</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

3/4" Wide Bi-metal Blades (for CL75)

<table>
<thead>
<tr>
<th>Blade Code</th>
<th>Description</th>
<th>TPI</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>MB150/18</td>
<td>Machine</td>
<td>18</td>
<td>6&quot;</td>
</tr>
<tr>
<td>MB200/10-14</td>
<td>Machine</td>
<td>10/14</td>
<td>8&quot;</td>
</tr>
<tr>
<td>MB200/18</td>
<td>Machine</td>
<td>18</td>
<td>8&quot;</td>
</tr>
<tr>
<td>MB200/24</td>
<td>Machine</td>
<td>24</td>
<td>8&quot;</td>
</tr>
<tr>
<td>MB250/18</td>
<td>Machine</td>
<td>18</td>
<td>10&quot;</td>
</tr>
<tr>
<td>MB250/24</td>
<td>Machine</td>
<td>24</td>
<td>10&quot;</td>
</tr>
<tr>
<td>MB300/10-14</td>
<td>Machine</td>
<td>10/14</td>
<td>12&quot;</td>
</tr>
<tr>
<td>MB300/18</td>
<td>Machine</td>
<td>18</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

Lubricating Oils (see p. 29)
• ProLube™ is a super-premium, low-viscosity synthetic air tool lubricant
• ProLube-ATL/AF is a special blend preventing freezing in cold climate conditions

MS Cleaner (MS 9105)
• An ideal conditioner for air tools used underwater

ATEX Certified
Reciprocating Air Saws

Ideal for cutting pipe, metals, fiberglass and more

Low Vibration • Low Noise

- Ideal for high-volume production applications such as cutting steel, repairing wooden pallets, building and repairing truck bodies and cutting fiberglass
- Also widely used by oil and gas contractors and fire rescue services
- Sturdy cast steel and aluminum saw body
- Low air volume – only 4 CFM

- 7/8" blade stroke, up to 2000 strokes per minute
- Fitted with easy-to-use STOP/Isolator button on the handle for safety when changing blades
- Uses any 1/2" (12mm) wide Bi-metal hand, machine or yellow blades

Cengar Saw Blades and Accessories (see page 4)

- 1/2" wide Bi-metal Blades suit a wide range of applications

Model PL905

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Power</td>
<td>1 HP</td>
</tr>
<tr>
<td>Stroke Length</td>
<td>7/8&quot;</td>
</tr>
<tr>
<td>Strokes per Min.</td>
<td>2000</td>
</tr>
<tr>
<td>Weight</td>
<td>5 1/4 lbs.</td>
</tr>
<tr>
<td>Length x Height x Width</td>
<td>11 3/4&quot; x 5 1/4&quot; x 1 5/8&quot;</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>4 CFM</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>90 PSI</td>
</tr>
<tr>
<td>Air Connection</td>
<td>1/4&quot; NPT</td>
</tr>
<tr>
<td>Air Hose</td>
<td>1/4&quot; ID</td>
</tr>
<tr>
<td>Noise Level (dB)</td>
<td>69</td>
</tr>
<tr>
<td>Vibration Level (m/s²)</td>
<td>1.73</td>
</tr>
</tbody>
</table>

Model PL905
Sturdy air saw for continuous use

Cut Sheet Metal

Standard Equipment: carrying case, five MC220/24 saw blades, air tool oil, CD operating manual, allen key.

Cut Nails

Cengar Saw Blades and Accessories (see page 4)
Reciprocating Air Saws

Ideal for cutting metal, timber and fiberglass

Low Vibration • Low Noise

• Workhorses for use in the fabrication, shipbuilding, ship repair, oil and petrochemical, boat building and aircraft maintenance fields
• Also utilized by fire and rescue professionals
• 1½" blade stroke, up to 1200 strokes per minute
• Fitted with easy-to-use STOP/Isolator button on the handle for safety when changing blades
• CL50 uses any ½" (12mm) wide Bi-metal hand or machine blade and can be easily converted to a CL75 by changing the nosepiece
• CL75 uses a ¾" (19mm) wide Bi-metal machine blade

Cengar Saw Blades and Accessories (see page 4)

• 1/2" and 3/4" wide Bi-metal Blades suit a wide range of applications
• To fit our 3/4" Bi-metal blades, order 3/4" nosepiece – Part. No. 5075

Models CL50 & CL75
Rugged air saws for versatile applications

Standard Equipment: carrying case, five MC220/24 saw blades, air tool oil, CD operating manual, allen key.

<table>
<thead>
<tr>
<th>Models CL50 &amp; CL75</th>
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<tbody>
<tr>
<td>Motor Power</td>
<td>1 HP</td>
</tr>
<tr>
<td>Stroke Length</td>
<td>1 3/4&quot;</td>
</tr>
<tr>
<td>Strokes per Min.</td>
<td>1200</td>
</tr>
<tr>
<td>Weight</td>
<td>5½ lbs.</td>
</tr>
<tr>
<td>Length x Height x Width</td>
<td>15 3/4&quot; x 5 1/4&quot; x 15/8&quot;</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>5 3/4 CFM</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>90 PSI</td>
</tr>
<tr>
<td>Air Connection</td>
<td>1/4” NPT</td>
</tr>
<tr>
<td>Air Hose</td>
<td>1/4” ID</td>
</tr>
<tr>
<td>Noise Level (dB)</td>
<td>83</td>
</tr>
<tr>
<td>Vibration Level (m/s²)</td>
<td>3.69</td>
</tr>
</tbody>
</table>
Reciprocating Air Saws

Ideal for cutting fiberglass, light-gauge metal & fiberboard

Low Vibration • Low Noise

- Ideal for cutting fiberglass, light-gauge metal and fiberboard up to 3/8" (10mm) thick
- Utilized by boat builders and in the construction and repair of car, bus and truck bodies
- Low air consumption – only 4 CFM
- 3/8" blade stroke, up to 10,000 strokes per minute
- Has automatic lubrication and an easy-to-use STOP/Isolator button on the handle for safety when changing blades
- JP901 uses any 1/2" (12mm) wide Bi-metal hand, machine or yellow blades and can be easily converted to use 3/4" blades by simply changing the nosepiece

Standard Equipment: carrying case, five MYN150/18 saw blades, five MYT150/18 saw blades, air tool oil, CD operating manual, allen key.

Cengar Saw Blades and Accessories (see page 4)
- 1/2" and 3/4" wide Bi-metal Blades suit a wide range of applications
- To fit our 3/4" Bi-metal blades, order 3/4" nosepiece – Part. No. 5075

Model JP901
Speedy, lightweight air saw for repair and construction environments

Model JP901

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Power</td>
<td>1 HP</td>
</tr>
<tr>
<td>Stroke Length</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>Strokes per Min.</td>
<td>10,000</td>
</tr>
<tr>
<td>Weight</td>
<td>3 1/2 lbs.</td>
</tr>
<tr>
<td>Length x Height x Width</td>
<td>10 3/4&quot; x 2 3/4&quot; x 1 5/8&quot;</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>4 CFM</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>75 PSI</td>
</tr>
<tr>
<td>Air Connection</td>
<td>1/4&quot; NPT</td>
</tr>
<tr>
<td>Air Hose</td>
<td>1/4&quot; ID</td>
</tr>
<tr>
<td>Noise Level (dB)</td>
<td>69</td>
</tr>
<tr>
<td>Vibration Level (m/s²)</td>
<td>1.23</td>
</tr>
</tbody>
</table>
Portable Reciprocating Saws

The most powerful in the industry!

Hand-held or clamp-on cutting in tough environments

Pneumatic • Hydraulic • Electric

Ideal for a wide range of industries, including subsea, gas utilities, offshore oil, petrochemical, power generation, industrial plant maintenance and construction

- Fast cutting of pipe, structural steel, bolts, nails, pallets and other material
- The best power-to-weight ratios in the industry
- Compact size allows cutting in confined spaces
- ANC gear drive reduces friction and increases gear life and power output
- Cut steel pipe and channel up to 6” dia. (or plastic pipe up to 8” dia.)
- 90° cuts with optional clamps

Pipe Clamps for 90° Cutting
Cut faster by increasing your leverage 5x while safely securing the saw with our Pipe Clamps.

- 1/2” - 2” Pipe Vise Clamp – Model No. 259.983
- 2 1/2” - 4” Pipe Vise Clamp – Model No. 563.100
- 1/2” - 6” Pipe Chain Clamp – Model No. 251.259

Pipe Clamp for Pipes & Profiles

Model No. CP1 Universal Clamp
- Easily attaches to recip saws and portable hack saws for 90° cuts in tight spaces
- Self-aligning feet adjust to the form of the workpiece (round, square and angled)
- 1/2” to 6” capacity with recip saws – see page 16 for use with portable hacksaws

The CAT - 1.3 HP Pneumatic Reciprocating Saw p. 10

The WOLF - 1.6 HP Pneumatic Reciprocating Saw p. 11

The SHARK - 2 HP Hydraulic Reciprocating Saw p. 12

The FOX - 9.5 and 12 Amp Electric Reciprocating Saws p. 12

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- 1/2” - 6” Pipe Chain Clamp – Model No. 251.259

Pipe Clamp for Pipes & Profiles

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The CAT - 1.3 HP Pneumatic Reciprocating Saw p. 10

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Reciprocating Saws

The New Generation Gear Head
ANC = All-round Needle-bearing Crank Drive

CS Unitec’s reciprocating saws cut faster and last longer than other saws in their class. The ANC gear drive and heavy-duty air or electric motor provide the best power-to-weight ratio in the industry.

ANC Gear Drive: Low Friction • High Torque

The new, unique design of the ANC gear:
- reduces friction and wear, resulting in less heat and longer service life.
- resists dust and water, making the gear head maintenance free.
- allows for aggressive high-torque cutting, providing good chip flow and long blade life.

Reciprocating Saw Blades

Standard Blades
All CS Unitec reciprocating saws can use the widely available standard reciprocating blades with the 1/2” universal tang.

Heavy-duty Blades
These blades are much thicker than standard blades and have a stronger double-tang mount for heavy-duty cutting, either free-hand or with a clamp.

M-Tooth Blades
Unique tooth geometry allows these blades to cut in both directions – twice as fast!

Extremely versatile, CS Unitec’s reciprocating saws use the universal 1/2” tang or special double-tang saw blades (see page 13). Our extra-thick saw blades resist bending and cut pipe at right angles with a pipe clamp.

In addition, CS Unitec’s Mega Sharp M-Tooth saw blades (see page 13) have a unique, patented tooth geometry that allows these blades to cut quickly with each stroke, forward and back, saving time and money.
1.3 HP Pneumatic Reciprocating Saw

Ideal for cutting pipes, structural steel, pallets and more

The CAT

Model 5 1217 0020 includes carrying case and two No. 1001 heavy-duty blades.

ATEX Certified

Model 5 1217 0020
Use hand-held or with a clamp

- Cuts steel pipe and channel 1/2" to 4" dia., plastic pipe to 8" dia.
- Ideal for the toughest use in refineries, chemical plants, gas utilities, construction, offshore oil, mining, marine and demolition industries
- 1.3 HP air motor provides more power than conventional air saws
- 1 1/8" blade stroke for fast, efficient cutting
- Can be mounted on a pipe clamp to make 90° cuts
- Variable speed of 0-1800 strokes per minute
- Accepts universal saw blades or thicker, heavy-duty double-tang saw blades (see page 13)
- Molded rubber boot for ergonomic grip
- One-year warranty

Pipe Clamps for Straight Cutting up to 6" dia.
- Increase leverage 5x for faster cutting
- Safely secure the saw while cutting

Reciprocating Saw Blades and Accessories (see page 13)
- Universal saw blades
- Thicker, heavy-duty double-tang blades for 90° cuts
- M-Tooth blades to cut on forward and back stroke

Saw Kit (5 1217 0060) includes saw, 6" pipe clamp, case and five No. 1001 heavy-duty blades.

Model 5 1217 0020

| Motor Power     | 1.3 HP        |
| Stroke Length   | 1 1/4"        |
| Strokes per Min.| 0-1800        |
| Weight          | 9 lbs.        |
| Length          | 15 7/8"       |
| Air Consumption | 46 CFM        |
| Air Pressure    | 90 PSI        |
| Air Connection  | 1/2" NPT (ID) |

Order Model 5 1217 0060

Visit our Web site at www.csunitec.com

UNITEC - 1-800-700-5919


1.6 HP Pneumatic Reciprocating Saw

Ideal for cutting pipe, structural steel and other materials

- Cuts steel pipe and channel 1/2" to 6" dia., plastic pipe to 8" dia.
- Powerful 1.6 HP motor with reciprocating action for steel and long orbital stroke for cutting soft materials including wood, plastic and aluminum
- Can be mounted on a pipe clamp to make 90° cuts
- 1 1/8" blade stroke for fast, efficient cutting
- Selector switch changes stroke setting to either straight or orbital
- Variable speed from 0-2200 strokes per minute
- Accepts universal saw blades or thicker, heavy-duty double-tang saw blades (see page 13)
- Molded rubber boot for ergonomic grip; side handle included
- One-year warranty

Saw Kit (5 6005 0060) includes saw, 6" pipe clamp, case, side handle and five No. 1001 heavy-duty blades.

Model 5 6005 0010

<table>
<thead>
<tr>
<th>Motor Power</th>
<th>1.6 HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stroke Length</td>
<td>1 1/8&quot;</td>
</tr>
<tr>
<td>Strokes per Min.</td>
<td>0-2200</td>
</tr>
<tr>
<td>Weight</td>
<td>10 3/4 lbs.</td>
</tr>
<tr>
<td>Length</td>
<td>17 3/4&quot;</td>
</tr>
<tr>
<td>Air Consumption</td>
<td>51 CFM</td>
</tr>
<tr>
<td>Air Pressure</td>
<td>90 PSI</td>
</tr>
<tr>
<td>Air Connection</td>
<td>1/2&quot; NPT (ID)</td>
</tr>
<tr>
<td>Saw Kit</td>
<td>Order Model 5 6005 0060</td>
</tr>
</tbody>
</table>
Hydraulic Reciprocating Saw

Subsea, mining, utility and construction applications

The SHARK

- Marine, mining, utility and construction applications
- Operate on 2000 PSI / 6 GPM (up to 13 GPM) hydraulic oil
- Cut wood up to 6" dia., metal up to 3/4" dia.

Reciprocating Saw Blades and Accessories (see page 13)

- Universal saw blades
- Thicker, heavy-duty double-tang blades for 90° cuts
- M-Tooth blades to cut on forward and back stroke

Electric Reciprocating Saw

The FOX mini hacksaws – industry's most powerful electric recip saws!

- Cut steel pipe and channel 1/2" to 4" dia., plastic pipe to 8" dia.
- Powerful 9.5 and 12 Amp motors, 110 Volt/60Hz (or 220 Volt/50Hz)
- Ideal for plumbing and electrical contractors as well as demolition jobs, pallet cutting and more
- 1 1/8" blade stroke for fast cutting
- 0-2200 variable stroke speed for models 5 6002 6000 and 5 6002 7000

Standard equipment includes 2" pipe clamp (#259.983), carrying case and two No. 1001 blades

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>Stroke Length</th>
<th>Strokes per Min.</th>
<th>Handle Style</th>
<th>Length</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 6002 0000</td>
<td>9.5 Amp, 110V*</td>
<td>1 1/8&quot;</td>
<td>2200</td>
<td>Spade</td>
<td>19&quot;</td>
<td>6</td>
</tr>
<tr>
<td>Variable Speed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 6002 6000**</td>
<td>12 Amp, 110V*</td>
<td>1 1/8&quot;</td>
<td>0-2200</td>
<td>Spade</td>
<td>19&quot;</td>
<td>6</td>
</tr>
<tr>
<td>5 6002 7000**</td>
<td>9.5 Amp, 110V*</td>
<td>1 1/8&quot;</td>
<td>0-2200</td>
<td>D-handle</td>
<td>19&quot;</td>
<td>6</td>
</tr>
</tbody>
</table>

* Hoses are not included
## Reciprocating Saw Blades

**Super quick and precise for pipe, steel, plastic, etc.**

**Use ProLube™ Specialty Lubricants with your Reciprocating Saw Blades to help your tools work cooler, longer and more efficiently. ProLube Lubricants are non-toxic and ideal for stainless steel and hard metal cutting applications. See page 31 for details.**

### Extra-thick Blades for 90° Cutting with a Pipe Clamp, Double Shank*

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>TPI</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Thickness (T)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001</td>
<td>Cuts pipe up to 2&quot;</td>
<td>8</td>
<td>6&quot; L x 1&quot; W x 0.060&quot; T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1002</td>
<td>Cuts pipe up to 4&quot;</td>
<td>8</td>
<td>8&quot; L x 1&quot; W x 0.060&quot; T</td>
<td></td>
<td></td>
</tr>
<tr>
<td>007D/200*</td>
<td>Cuts pipe up to 4&quot;</td>
<td>M-Tooth</td>
<td>8&quot; L x 1&quot; W x 0.050&quot; T</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 007D/200 has universal 1/2" tang  •  Ask for special blades to cut stainless steel.

### Heavy-duty HSS-Bi-metal Blades for Freehand Sawing, Double Shank

Made of tough, resilient steel with 10/14 variable tooth pitch. The large blade width and double-shank mount deliver excellent cutting performance and durability.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>TPI</th>
<th>Length (L)</th>
<th>Width (W)</th>
<th>Thickness (T)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1005</td>
<td>10/14 TPI</td>
<td>6&quot; L x 1&quot; W x 0.035&quot; T</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1003</td>
<td>10/14 TPI</td>
<td>8&quot; L x 1&quot; W x 0.035&quot; T</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1004</td>
<td>10/14 TPI</td>
<td>12&quot; L x 1&quot; W x 0.035&quot; T</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### General-purpose Bi-metal Saw Blades with Universal 1/2" Shank

<table>
<thead>
<tr>
<th>Metal 1/8&quot; and Thicker</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3013/150</td>
</tr>
<tr>
<td>No. 3013/200</td>
</tr>
<tr>
<td>No. 3018/280</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metal up to 1/8&quot; Thick</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3014/150</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metal up to 1/8&quot; Thick (for Curved Cuts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3017/90</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Plastic, Wood, Plasterboard</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 3021/150</td>
</tr>
<tr>
<td>No. 3021/225</td>
</tr>
<tr>
<td>No. 3021/300</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>All Woods with Steel (i.e. Embedded Nails)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 810C/150</td>
</tr>
<tr>
<td>No. 810C/225</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cast Steel, Ductile Iron, Ceramics and Glass Fiber Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. D12/200</td>
</tr>
</tbody>
</table>

### Mega Sharp M-Tooth Saw Blades for Freehand Cutting with Standard 1/2" Shank

**CUTS TWICE AS FAST!**

M42 Bi-metal for cutting steel and stainless steel

<table>
<thead>
<tr>
<th>Metal 1/8&quot; and Thicker</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 007/150</td>
</tr>
<tr>
<td>No. 007/200</td>
</tr>
<tr>
<td>No. 007/280</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Metal up to 1/8&quot; Thick</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 006/150</td>
</tr>
<tr>
<td>No. 006/250</td>
</tr>
</tbody>
</table>

The patented M-Tooth saw blade cuts 2x faster than ordinary blades. The teeth are designed to cut on the forward and back strokes, thereby saving time.

---

* 1-800-700-5919  •  Visit our Web site at www.csunitec.com
Portable Hacksaws for Tough Duty

On-site cutting of pipe up to 24" OD and structural steel

Pneumatic • Electric • Hydraulic

CS Unitec's power hacksaws offer a wide range of options for portable cutting of pipe, structural steel, tanks and other materials. Our saws are designed for the toughest service in refineries, power plants, utilities, offshore oil, construction and demolition applications and are ideal for shutdowns and turnarounds in process piping industries. CS Unitec's pneumatic saws are safer than cutting with a welding torch in hazardous areas or confined spaces.

- Compact size, ideal for cutting in confined spaces
- 2 3/8" blade stroke
- Pipe clamps for 90° cutting of up to 24" OD pipe
- Profile clamps for structural steel
- Wide variety of blades and accessories for cutting steel, stainless steel, aluminum, plastic, wood and ductile iron
- Optional blade guide to ensure right-angle cuts
- Automatically cut pipe with our optional self-feeding, pneumatic-powered pipe clamp system

Assorted pipe clamps for pipes up to 24" OD or profile clamps for structural steel

Manual or automatic feed

Heavy-duty saw blades from 8" to 37" long

HSS, HSS-SL, carbide-coated and Diamond-coated blades available

Twist or lever throttle

Pneumatic, electric or hydraulic motor

Pneumatic: 3/4" NPT Connection
Electric: 110 Volt (220V available)
Hydraulic: 1/2" FF (HTMA) Couplings

Optional saw blade guide for added blade stability – ensures straight cutting!

Two sizes available (Not required)
Portable Power Hacksaws

Air, Electric and Hydraulic for cutting pipe and steel

- Pneumatic, electric or hydraulic motor with variable speeds
- Ideal for cutting pipe, tanks, structural steel, profiles and other materials
- Designed for the toughest service in refineries, chemical plants, utilities, pipelines, construction, offshore oil and demolition applications
- Cut pipe up to 24" OD in one pass
- Chain clamps and profile clamps available for accurate 90° cutting of pipe and structural steel
- 2 3/8" stroke for heavy-duty cutting
- Ideal for cutting in confined spaces
- Accommodate heavy-duty blades up to 37" long
- Optional saw blade guides to increase blade stability
- Pneumatic pipe clamp system available for automatically cutting pipe; easily attaches to pneumatic hacksaw and shares same air supply (see accessory No. 5 1208 9980 on page 16)
- One-year warranty

Model 5 1212 0050
with lever throttle
Pneumatic

Model 5 1215 0070
with variable speed
Electric

Model 5 1220 0050
Hydraulic

Accessory Saw Blades
(see page 17)

- HSS (High-speed Steel), HSS-SL (for stainless steel and hard metal), Carbide Coated and Diamond Coated

Pipe Capacity
24" OD

Profile Capacity
21 3/4" h x 111/2" w

Roll Throttle (pneumatic model 5 1212 0010 only) – is used only with automatic feed pipe clamp (see page 16)

Lever Throttle (model 5 1212 0050) – provides on/off paddle switch for manual cutting with clamp

Throttle Types for Pneumatic Saws:

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>Throttle</th>
<th>Motor Specifications</th>
<th>Strokes per Min.</th>
<th>Blade Stroke</th>
<th>Hose</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1212 0010</td>
<td>1.5 HP</td>
<td>Roll</td>
<td>Air Consumption: 51 CFM</td>
<td>100-350</td>
<td>2 3/8&quot;</td>
<td>1/2&quot; ID</td>
<td>15.4</td>
</tr>
<tr>
<td>5 1212 0050</td>
<td>1.5 HP</td>
<td>Lever</td>
<td>Air Pressure: 90 PSI</td>
<td>100-350</td>
<td>2 3/8&quot;</td>
<td>1/2&quot; ID</td>
<td>15.4</td>
</tr>
</tbody>
</table>

Electric - 11 Amps / 110 Volt**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>Throttle</th>
<th>Motor Specifications</th>
<th>Strokes per Min.</th>
<th>Blade Stroke</th>
<th>Hose</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1215 0070*</td>
<td>1.5 HP</td>
<td>Trigger</td>
<td>110V/60 Hz (220V/50Hz is available)</td>
<td>200-400</td>
<td>2 3/8&quot; Cable</td>
<td>13</td>
<td></td>
</tr>
</tbody>
</table>

Hydraulic - 1/2" FF (HTMA) Couplings

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>Throttle</th>
<th>Motor Specifications</th>
<th>Strokes per Min.</th>
<th>Blade Stroke</th>
<th>Hose</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1220 0050</td>
<td>3.8 HP</td>
<td>Lever</td>
<td>Oil Flow: 4 GPM at 2000 PSI</td>
<td>100-500</td>
<td>2 3/8&quot;</td>
<td>1/2&quot; ID</td>
<td>13.5</td>
</tr>
</tbody>
</table>

* Model 5 1215 0070 has an electronic speed control dial. **Also available as 220 Volt/50 Hz
Hacksaw Accessories

Automatic Feed Pipe Clamp for Pneumatic Saws

Model No. 5 1208 9980 – Automatic Clamp

- Save time and effort by automatically cutting pipe up to 12 3/4" OD (up to 24" OD with extension chain)
- Self-feeding device saves operator time and makes work easier
- Easily attaches to CS Unitec air hacksaw and shares same 90 PSI air supply (Pipe clamp for use only with CS Unitec air hacksaw Model No. 5 1212 0010)
- Blade guide is optional (see page 17)

Clamps for Pipes and Profiles

Model No. CP1 – Universal Clamp

- Self-aligning feet adjust to the form of the workpiece (round, square and angled)
- Accommodates 1/2" to 12 3/4" OD [up to 24" OD with extension chain no. CP1/10 (39-3/8" long)]
- CP1 easily attaches to most of our reciprocating saws for 90° cuts in tight spaces

Extension Chains for Pipe Clamps

- Extend capacity of pipe clamps up to 24" OD
  Model No. 5 1201 9010 – 17 3/4" chain extension
  Model No. 5 1201 9030 – 39 3/8" chain extension
  (allows pipe clamp Nos. 5 1202 9960 and 5 1208 9940 to fit 24" OD pipe)
Hacksaw Blades - 8" up to 37" long

Heavy-duty cutting of pipe and structural steel

Cut steel, stainless steel, aluminum, ductile iron, wood, plastic, masonry and more!

Extra thick for 90° cutting

HSS or HSS-SL Saw Blade Shown

*Use HSS-SL Blades for best cutting performance on stainless steel and hard metal.

**Use ProLube™ Specialty Lubricants with Hacksaw Blades to help tools work cooler, longer and more efficiently. ProLube Lubricants are non-toxic and ideal for stainless steel and hard metal cutting applications. See page 31 for details.**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Dimensions</th>
<th>Steel and Nonferrous Metal</th>
<th>Plastic and Wood</th>
<th>Ductile/Cast Iron and Masonry</th>
<th>Max. Dia. of Cut</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z22-9 HSS</td>
<td>8&quot; 8 1/16&quot;</td>
<td>Steel/Aluminum Steel Sheet Metal</td>
<td>Plastics –</td>
<td>–</td>
<td>3 1/8&quot;</td>
</tr>
<tr>
<td>Z22-10 HSS</td>
<td>8&quot; 16 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3 1/8&quot;</td>
</tr>
<tr>
<td>Z22-11 HSS</td>
<td>8&quot; 24 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>3 1/8&quot;</td>
</tr>
<tr>
<td>Z22-6 HSS</td>
<td>12&quot; 16 1/16&quot;</td>
<td>Steel Stainless Steel –</td>
<td>–</td>
<td>Masonry</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-6-SL</td>
<td>12&quot; 16 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-6 Carbide</td>
<td>12&quot; Coated 1/16&quot;</td>
<td>Steel –</td>
<td>–</td>
<td>–</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-31 HSS</td>
<td>12&quot; 12 1/16&quot;</td>
<td>Steel Plastics/Wood</td>
<td>–</td>
<td>–</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-71 HSS</td>
<td>12&quot; 4 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-83 DSB</td>
<td>12&quot; Coated 3/32&quot;</td>
<td>–</td>
<td>–</td>
<td>Ductile Iron</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>Z22-7 HSS</td>
<td>16&quot; 16 1/16&quot;</td>
<td>Steel –</td>
<td>–</td>
<td>Masonry</td>
<td>10 5/8&quot;</td>
</tr>
<tr>
<td>Z22-7 Carbide</td>
<td>16&quot; 16 1/16&quot;</td>
<td>Steel/Aluminum Plastics/Wood</td>
<td>–</td>
<td>Cast Iron</td>
<td>10 5/8&quot;</td>
</tr>
<tr>
<td>Z22-29 HSS</td>
<td>16&quot; 8 1/16&quot;</td>
<td>Steel/Aluminum –</td>
<td>–</td>
<td>–</td>
<td>10 5/8&quot;</td>
</tr>
<tr>
<td>Z22-32 WS</td>
<td>16&quot; 4 1/16&quot;</td>
<td>Cast Iron Plastics/Wood</td>
<td>–</td>
<td>–</td>
<td>10 5/8&quot;</td>
</tr>
<tr>
<td>Z22-33 HSS</td>
<td>16&quot; 6 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>10 5/8&quot;</td>
</tr>
<tr>
<td>Z22-86 DSB</td>
<td>19&quot; Coated 7/64&quot;</td>
<td>–</td>
<td>–</td>
<td>Ductile Iron</td>
<td>13&quot;</td>
</tr>
<tr>
<td>Z22-72 HSS</td>
<td>20&quot; 14 5/64&quot;</td>
<td>Steel –</td>
<td>–</td>
<td>–</td>
<td>14 5/8&quot;</td>
</tr>
<tr>
<td>Z22-72 Carbide</td>
<td>20&quot; Coated 5/64&quot;</td>
<td>Steel –</td>
<td>–</td>
<td>–</td>
<td>14 5/8&quot;</td>
</tr>
<tr>
<td>Z22-30 HSS</td>
<td>21&quot; 12 1/16&quot;</td>
<td>Steel Stainless Steel Plastics/Wood</td>
<td>–</td>
<td>–</td>
<td>15 5/8&quot;</td>
</tr>
<tr>
<td>Z22-30-SL</td>
<td>21&quot; 12 1/16&quot;</td>
<td>–</td>
<td>–</td>
<td>–</td>
<td>15 5/8&quot;</td>
</tr>
<tr>
<td>Z22-40 HSS</td>
<td>21&quot; 4 1/16&quot;</td>
<td>Steel Stainless Steel Plastics/Wood</td>
<td>–</td>
<td>–</td>
<td>15 5/8&quot;</td>
</tr>
<tr>
<td>Z22-73 HSS</td>
<td>24&quot; 14 5/64&quot;</td>
<td>Steel Plastic –</td>
<td>–</td>
<td>Masonry</td>
<td>18 1/2&quot;</td>
</tr>
<tr>
<td>Z22-73 Carbide</td>
<td>24&quot; Coated 5/64&quot;</td>
<td>Steel Stainless Steel Plastic</td>
<td>–</td>
<td>–</td>
<td>18 1/2&quot;</td>
</tr>
<tr>
<td>Z22-74 HSS</td>
<td>24&quot; 8 5/64&quot;</td>
<td>Steel Stainless Steel Plastic</td>
<td>–</td>
<td>–</td>
<td>24 7/8&quot;</td>
</tr>
<tr>
<td>Z22-75 HSS</td>
<td>30&quot; 12 5/64&quot;</td>
<td>Steel Stainless Steel Plastic</td>
<td>–</td>
<td>–</td>
<td>24 7/8&quot;</td>
</tr>
<tr>
<td>Z22-75-SL</td>
<td>30&quot; 12 5/64&quot;</td>
<td>Steel Stainless Steel Plastic</td>
<td>–</td>
<td>–</td>
<td>24 7/8&quot;</td>
</tr>
<tr>
<td>Z22-37 HSS</td>
<td>37&quot; 12 5/64&quot;</td>
<td>Steel –</td>
<td>–</td>
<td>–</td>
<td>31 7/8&quot;</td>
</tr>
</tbody>
</table>

Blade Guides

Optional guides with two roller bearings

- Ensure straight cutting through pipe and difficult materials

Model No. 5 1207 9970 for pipes up to 13" (20" min. blade length required)
Model No. 5 1207 8910 for pipes up to 21" (30" min. blade length required)
Portable Band Saws

Fast, on-site cutting of pipe and other materials

Pneumatic • Electric • Hydraulic

Power for a wide range of industries

• Ideal for the toughest use in refineries, chemical plants, gas utilities, construction, offshore oil, mining, marine and demolition industries
• Fast, deep cutting of pipe, conduit, bolts, cable, angle iron, structural steel, chain and more
• Cut steel, stainless steel, Inconel, chrome, Hastelloy, aluminum, copper, iron, fiberglass, plastics, wood and more

Band Saw Accessories
We also offer a full line of Band Saw blades and accessories, including vise clamps for straight cutting. Please see page 21 for more information.

ATEX Certified

4 3/4” AirBand™ Saw
p. 19

4 3/4” Electric Band Saw
p. 20

7” Deep Throat™ AirBand Saw
p. 19

7” Deep Throat™ Electric Band Saw
p. 20

4 3/4” and 7” Deep Throat™ Hydraulic Band Saws
p. 20
Ideal for hazardous atmospheres and wet environments

- Fast, on-site cutting
- Safer in hazardous atmospheres than electric saws
- Ideal for process shutdowns and turnarounds
- Reduces need for "hot work permits"
- No fear of electric shock or blown circuitry in wet environments
- AirBand™ models with aluminum housing cut up to 4 3/4" OD
- Deep Throat™ models with planetary gearbox cut up to 7" OD

AirBand™ Model 5 6003 0010
4 3/4" OD cutting capacity
ATEX Certified for Ex Zone 2

Deep Throat™ AirBand Model 5 6031 0010
7" OD cutting capacity
ATEX Certified for Ex Zone 2

Vise Clamp for Straight Cutting
Securely clamp to round, square and angular materials for accurate cuts

Model No. 5 6031 9400 – Clamp-on vise for 7" Band Saw
(Model 5 6031/5 6041/5 6047)
Rounds: 7" (180mm);
Squares: 5" (125mm);
Angles: 5" (125mm)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Motor Power and Specs.</th>
<th>Blade Speed (RPM)</th>
<th>Capacity Round</th>
<th>Blade Size</th>
<th>Housing</th>
<th>Overall Length</th>
<th>Air Connection</th>
<th>Air Hose</th>
<th>Wgt. (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AirBand™</strong></td>
<td>0.7 HP, 90 PSI, 20 CFM</td>
<td>Variable 130-220</td>
<td>4 3/4&quot;</td>
<td>4 1/2&quot; x 4 3/4&quot;</td>
<td>44 7/16&quot; x 1 1/2&quot;</td>
<td>Aluminum</td>
<td>21 1/2&quot;</td>
<td>1/4&quot; NPT (ID)</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td><strong>Deep Throat™ AirBand</strong></td>
<td>1.3 HP, 90 PSI, 43 CFM</td>
<td>Variable 240-295</td>
<td>7&quot;</td>
<td>7&quot; x 7&quot;</td>
<td>66&quot; x 5/8&quot;</td>
<td>Stainless Steel</td>
<td>28 3/4&quot;</td>
<td>1/2&quot; NPT (ID)</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>
Electric and Hydraulic Portable Band Saws
Construction, utility, marine and demolition applications

Electric Band Saws
- Ideal for plumbing and mechanical contractors, as well as demolition and plant maintenance
- Heavy-duty variable-speed motors operate on 110VAC; 220V available
- Standard models with aluminum housing cut up to 4 3/4" OD
- Deep Throat™ models with stainless steel housing and planetary gearbox cut up to 7" OD
- Fast on-site cutting

Hydraulic Band Saws
- Heavy-duty mining, utility, marine and construction applications
- Operate on 2000 PSI / 4 GPM (up to 13 GPM) hydraulic oil
- Standard models cut up to 4 3/4" OD
- Deep Throat™ models with planetary gearbox cut up to 7" OD
- 1/2" Flush-face (HTMA) couplings and hoses are included

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Motor Power and Specs.*</th>
<th>Blade Speed (RPM)</th>
<th>Capacity Round</th>
<th>Capacity Rectangular</th>
<th>Blade Size</th>
<th>Housing</th>
<th>Overall Length</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric</td>
<td>5 6046 0010</td>
<td>5.8 Amp, 110VAC</td>
<td>Variable 100-245</td>
<td>4 3/4&quot;</td>
<td>4 1/2&quot; x 4 3/4&quot;</td>
<td>44 7/8&quot; x 1 1/2&quot;</td>
<td>Aluminum</td>
<td>21 1/2&quot;</td>
</tr>
<tr>
<td>Deep Throat™ Electric</td>
<td>5 6047 0010</td>
<td>5.8 Amp, 110VAC</td>
<td>Variable 100-245</td>
<td>7&quot;</td>
<td>7&quot; x 7&quot;</td>
<td>66&quot; x 5/8&quot;</td>
<td>Stainless Steel</td>
<td>28 3/4&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Motor Power Specs.</th>
<th>Blade Speed (RPM)</th>
<th>Capacity Round</th>
<th>Capacity Rectangular</th>
<th>Blade Size</th>
<th>Housing</th>
<th>Overall Length</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydraulic - 1/2&quot; FF (HTMA) Couplings</td>
<td>5 6043 0010</td>
<td>1.6 HP, 2000 PSI, 4 GPM</td>
<td>Variable 100-256</td>
<td>4 3/4&quot;</td>
<td>4 1/2&quot; x 4 3/4&quot;</td>
<td>44 7/8&quot; x 1 1/2&quot;</td>
<td>Stainless Steel</td>
<td>22&quot;</td>
</tr>
<tr>
<td>Deep Throat™ Hydraulic - 1/2&quot; FF (HTMA) Couplings</td>
<td>5 6041 0010</td>
<td>1.6 HP, 2000 PSI, 4 GPM</td>
<td>Variable 100-256</td>
<td>7&quot;</td>
<td>7&quot; x 7&quot;</td>
<td>66&quot; x 5/8&quot;</td>
<td>Stainless Steel</td>
<td>28 3/4&quot;</td>
</tr>
</tbody>
</table>
Band Saw Blades and Accessories

M42 Cobalt Steel SuperBand™ Saw Blades

CS Unitec's SuperBand™ saw blades are made of tough M42 steel. 8% cobalt gives our blades the highest heat resistance and wear resistance of all portable band saw blades. The hardness is Rc 67-69.

SuperBand™ saw blades easily cut most ferrous and nonferrous metals, including steel, stainless steel, Inconel, chrome, Hastelloy, tool steels, "super" alloys and other materials. Longer life, fewer blade changes and the fastest cutting rates result in SuperBand™ providing the lowest cost per cut.

Blades for standard saws (Model Nos. 5 6003 0010, 5 6046 0010 and 5 6043 0010)

<table>
<thead>
<tr>
<th>No.</th>
<th>TPI</th>
<th>Cuts material</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2506 0010</td>
<td>18</td>
<td>1/8&quot; - 1/4&quot; thick</td>
<td>44 7/8&quot; L x 1/2&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0020</td>
<td>14</td>
<td>3/16&quot; - 1/2&quot; thick</td>
<td>44 7/8&quot; L x 1/2&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0030</td>
<td>10/14</td>
<td>3/16&quot; - 1/2&quot; thick</td>
<td>44 7/8&quot; L x 1/2&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0040</td>
<td>8/12</td>
<td>1/2&quot; and thicker</td>
<td>44 7/8&quot; L x 1/2&quot; W x 0.025&quot; T</td>
</tr>
</tbody>
</table>

Blades for Deep Throat™ saws (Model Nos. 5 6031 0010, 5 6047 0010 and 5 6041 0010)

<table>
<thead>
<tr>
<th>No.</th>
<th>TPI</th>
<th>Cuts material</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 2506 0220</td>
<td>14</td>
<td>3/16&quot; - 1/2&quot; thick</td>
<td>66&quot; L x 5/8&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0230</td>
<td>10/14</td>
<td>3/16&quot; - 1/2&quot; thick</td>
<td>66&quot; L x 5/8&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0240</td>
<td>8/12</td>
<td>1/2&quot; and thicker</td>
<td>66&quot; L x 5/8&quot; W x 0.025&quot; T</td>
</tr>
<tr>
<td>9 2506 0200</td>
<td>8</td>
<td>3/4&quot; and thicker</td>
<td>66&quot; L x 5/8&quot; W x 0.025&quot; T</td>
</tr>
</tbody>
</table>

* Variable tooth pitch (10/14 TPI and 8/12 TPI) saw blades cut faster and last longer than standard pitch blades. Varying tooth size and gullet depth reduce harmonic vibration for quieter, more efficient cutting.

Vise Clamp for Accurate Cuts

- Securely clamp to round, square and angular materials for straight cutting
- Easily attach to CS Unitec Portable Band Saws, model numbers:
  5 6031 0010
  5 6041 0010
  5 6047 0010

**Model No. 5 6031 9400**
Clamp-on vise for 7" Deep Throat™ Band Saws
Maximum material size – rounds: 7"; squares: 5"; angles: 5"

UNITEC • 1-800-700-5919 • Visit our Web site at www.csunitec.com
4 HP Pneumatic Chain Saw

Powerful, efficient cutting of wood and plastic

Used successfully for many years in polyethylene plants, petrochemical industries, utilities, underground mines and marine applications

- Ideal for use in polyethylene plants, petrochemical industries, utilities, underground mines and marine applications
- Pneumatic power is safer than gas or electric in hazardous atmospheres and wet environments, including underwater applications
- Low maintenance and easy startup – saw chain and motor are automatically oiled by two separate lubricating systems
- Powerful 4 HP motor at 90 PSI air pressure and 92 CFM
- Chain guard to protect operator
- Available with 17", 21" and 25" cutting capacity
- .404 pitch Super Chisel saw chain is standard
- Carbide-tipped and Ripping saw chain are optional

Underwater chain saw shown with exhaust valve. Model Series 5 1008

Air Tool Line Conditioner for underwater air tools to displace moisture. Developed to inhibit rust and corrosion of air motors. 1 quart/liter, order part number MS 9105.
Utility Pneumatic Chain Saw

Compact, lightweight and powerful

- Ideal all-purpose air chain saw
- Only 5.4 lbs.
- 10" capacity
- Ideal for use in utilities, mines, construction and agriculture

<table>
<thead>
<tr>
<th>Model 5 1005 0010</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Motor Power</strong></td>
</tr>
<tr>
<td><strong>Cutting Capacity</strong></td>
</tr>
<tr>
<td><strong>PSI</strong></td>
</tr>
<tr>
<td><strong>CFM</strong></td>
</tr>
<tr>
<td><strong>Length</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
<tr>
<td><strong>Air Connection</strong></td>
</tr>
</tbody>
</table>

Chain Saw Extension Rod – extends saw reach to 7'

- Part No. 0165.0602
- For use with pneumatic chain saw, model no. 5 1005 0010 (above)
- Trigger on handle allows accurate control of speed

Carbide-tipped Saw Chain

- More cutting efficiency with less down time
- Stays sharp 25x longer and lasts 10x longer than regular-life saw chains
- Efficiently cuts tough materials, including plastics, railroad ties, utility poles, hardwoods and soft masonry materials
- Withstands severe cutting conditions that include sand, mud, salvage work, etc.
- Easily resharpened
- Available in 10", 17", 21" and 25" lengths

Guide Bars

- For wood and plastics
- Armor Tip available in 10", 17", 21" and 25" lengths
- Sprocket Tip available in 10" length only

Also available: Super Chisel and Ripping saw chain in 10", 17", 21" and 25" lengths

PNEUMATIC CHAIN SAWS AND ACCESSORIES
Concrete Chain Saws

Cut through walls, floors and columns in a single pass

- Specifically designed for the demanding requirements of professional sawing and drilling contractors
- Now with AirFORCE F4™ Diamond chain – optimized for use with pneumatic saw
- Deep plunge cuts – up to 15" deep
- Square corners up to 14" with no overcuts
- Cut mechanical openings and irregular shapes
- Easily cut through reinforced concrete, brick, block, concrete pipe and natural stone
- Durable industrial finish on die-cast aluminum body stands up to harsh environments

Plunge cut up to 15" deep!

- Built-in Wallwalker provides leverage advantage to make cutting easier

CS Unitec Offers 2 Types of Concrete Chain Saws to Meet Your Cutting Requirements:

CS 536163 Pneumatic
- High torque output for tough cutting jobs
- Powerful 6.5 HP air motor
- No gas or engine fumes – ideal for confined spaces and indoor use
- Noise level: 88 dB at 3 feet (approx. 1 meter)
- Weight: 29 lbs. (without bar and chain)

CS 526822 Hydraulic
- Dependable, powerful 11 HP motor
- Hydraulic power for heavy-duty mining, utility, marine and construction applications
- Weight: 25 lbs. (without bar and chain)

Please see page 26 for Concrete Chain Saw Accessories, including:
- Diamond Chains
- Guide Bars
- SpeedHook®
- And More!
Concrete Chain Saws

Rugged construction for demanding applications

Model CS 526822
11 HP Hydraulic Motor

FORCE F4
Diamond Chains

Above: Optional SpeedHook® guides saw for straight cutting (see page 26).

Model No. | Power | No Load Speed | Max. Depth of Cut | Motor Specifications | Weight w/ Bar and Chain | No Load Torque (in.-lbs.) | Noise Level at 3 ft.
--- | --- | --- | --- | --- | --- | --- | ---
Pneumatic Concrete Chain Saw
CS 536163-1 | 6.5 HP | 5700 RPM | 10” | 124 CFM @ 90 PSI (6 bar) | 32 | 104 | 88 dB
CS 536163-2 | 6.5 HP | 5700 RPM | 15” | 124 CFM @ 90 PSI (6 bar) | 33 | 104 | 88 dB
Hydraulic Concrete Chain Saw
CS 526822-1 | 11 HP | 5700 RPM | 10” | 8 GPM @ 2500 PSI (172 bar) | 28 | 95 | 88 dB
CS 526822-2 | 11 HP | 5700 RPM | 15” | 8 GPM @ 2500 PSI (172 bar) | 29 | 95 | 88 dB

1-800-700-5919
Visit our Web site at www.csunitec.com
Concrete Chain Saw Accessories

Make your concrete chain saw work for you

AirFORCE F4™ Diamond Chains
Three options for cutting

Match the Diamond Chain to the material or application:

1. **AirFORCE Premium**
   For cutting concrete with steel reinforcement
   10” – Part No. 536164
   15” – Part No. 536165

   10” chain has 25 segments for 10” max. cutting depth, 9” square corners

2. **AirFORCE Standard**
   General-purpose Diamond Chain
   10” – Part No. 536166
   15” – Part No. 536167

   15” chain has 29 segments for 15” max. cutting depth, 14” square corners

3. **AirFORCE AbrasivePRO**
   For cutting soft, abrasive material
   10” – Part No. 531747
   15” – Part No. 525344

   10” chain has 25 segments for 10” max. cutting depth, 9” square corners
   15” chain has 29 segments for 15” max. cutting depth, 14” square corners

Guide Bars with internal water feed

**10” Guide Bar**
Part No. 529829
- 10” cutting capacity
- 9” depth of square cut
- Accommodates a 25 segment Diamond Chain

**15” Guide Bar**
Part No. 523080
- 15” cutting capacity
- 14” depth of square cut
- Accommodates a 29 segment Diamond Chain

SpeedHook®
Guides the saw for straight cuts

**SpeedHook® Complete Kit**
Part No. CS 70552
(includes SpeedHook® 42” rail, 1 saw adapter and 1 axle)

- Quickly and easily attaches to wall with anchors
- Guides saw for straight cutting through reinforced concrete, brick, block and natural stone
- Note: Reduces cutting depth by 3”

AirFORCE F4™

CONCRETE CHAIN SAW ACCESSORIES

Visit our Web site at www.csunitec.com
**Concrete Diamond Chain Life**

**Maximize Diamond Chain life with these hints**

Estimated chain life for AirFORCE Premium – 29 segment chain (Part No. CS 536164-15) is approximately 600 in.-ft. in concrete with up to 5/8" rebar.

**Lineal feet in common wall thickness**: The cutting life of the chains is not guaranteed. There are many variables from job to job, including hardness of concrete, which make it impossible to accurately predict chain life.

<table>
<thead>
<tr>
<th>Wall Thickness</th>
<th>Lineal Cutting Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inches</td>
<td>100 feet</td>
</tr>
<tr>
<td>8 inches</td>
<td>75 feet</td>
</tr>
<tr>
<td>10 inches</td>
<td>60 feet</td>
</tr>
</tbody>
</table>

*These numbers are rough, starting point estimates only, not for bidding purposes. Please refer to Operator’s Manual for proper safety precautions.

**Factors negatively affecting chain life:**
- **Steel reinforcing**... many pieces of large diameter rebar cause reduced life
- **Aggregate hardness**... harder aggregates cause reduced life
- **Operator experience**... first-time users generally get less chain life

**Cutting tips to improve chain life:**
- Use minimum of 20 PSI water pressure
- Always cut at full throttle – slowly plunge into wall and push hard enough to cause the RPMs to drop by 25% to 30%
- Always apply **steady** feed force
- Slowly rock the bar and chain into the cut using **Wallwalker®** as a pry point
- Reduce arm motions – hold saw close to body, using legs and body to apply feed force; always cut with saw between shoulders and knees, preferably at waist height
- If saw begins to drift off the intended cut line, pull out and restart cut

**How to calculate inch-foot (in.-ft.).**

An inch-foot (in.-ft.) is equal to the Depth of Cut in inches x Length of Cut in feet. This measurement is used to determine chain or blade life.

For example:
Calculate how many in.-ft. are in this doorway.
1. **Determine the Depth of Cut in inches.**
   For this example, it is 8 inches.
2. **Determine the Length of Cut in feet.**
   \[3 + 7 + 3 + 7 = 20 \text{ ft.}\]
3. **Multiply the two numbers.**
   \[8 \text{ in.} \times 20 \text{ ft.} = 160 \text{ in.-ft.}\]

**Note for metric users:** 1cm = .3937 inches and 1 meter = 3.2808 ft.

**AirPac Extends life of pneumatic power tools**

- Removes moisture and dirt from air lines; a float valve automatically ejects water and dirt
- Includes automatic oiler; prevents tools from freezing in cold environments
- Eliminates air motor downtime caused by water and dirt
- Connections for two tools, max. air flow 185 CFM

Model CSAP-2

1-800-700-5919 • Visit our Web site at www.csunitec.com
Pneumatic Cut-off Saws - Hand-held and Walk-behind

Cut concrete, asphalt, masonry, steel and more

Hand-held Cut-off Saws, 14" and 18"
- Wet or dry cutting of concrete, reinforced concrete, asphalt, masonry, steel and more
- Cut up to 7" deep with no gas or engine fumes
- Low maintenance – no belts, pistons, fuel lines or carburetors
- Accept diamond or abrasive blades
- Adjustable blade guard with built-in water connection
- In-line oiler for motor lubrication
- 1" arbor size, ½" NPT air connection

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>RPM (No Load)</th>
<th>Max. Depth of Cut</th>
<th>Max. Blade Capacity</th>
<th>CFM @ 100 PSI</th>
<th>Drive</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSH 100</td>
<td>5 HP</td>
<td>5250</td>
<td>4&quot;</td>
<td>14</td>
<td>90</td>
<td>Direct</td>
<td>22</td>
</tr>
<tr>
<td>CSH 125</td>
<td>9.5 HP</td>
<td>3200</td>
<td>5&quot;</td>
<td>14</td>
<td>92</td>
<td>Gearbox</td>
<td>26</td>
</tr>
<tr>
<td>CSH 150</td>
<td>9.5 HP</td>
<td>3200</td>
<td>7&quot;</td>
<td>18</td>
<td>92</td>
<td>Gearbox</td>
<td>28</td>
</tr>
</tbody>
</table>

Walk-behind Cut-off Saw – 20" Capacity
- Wet or dry cutting of concrete, asphalt and other materials
- Cut up to 7" deep with no gas or engine fumes
- Low maintenance – no belts, pistons, fuel lines or carburetors
- Designed for tough cutting jobs, including joint sawing, floor sawing, trenching, road repair and plant maintenance
- 9.5 HP pneumatic motor with gearbox drive
- Rugged steel construction – yet only 107 lbs.
- Built-in water connection for wet cutting
- Built-in oiler for motor lubrication
- Optional water tank kit

Model CSR 150
- Power: 9.5 HP
- RPM (No Load): 2900
- Max. Depth of Cut: 7"
- Max. Blade Capacity: 20"
- CFM @ 100 PSI: 92
- Drive: Gearbox
- Weight: 107 lbs.
AirPac Extends life of pneumatic power tools

How it Works:
- Air compressors compress air into small areas – this causes heat, which contains moisture
- As heated air travels through air lines, it cools, creating water droplets
- When this air/water mixture enters the AirPac, it travels through a baffle that traps the water and dirt and drops it into a holding area
- When enough water is accumulated, a float allows the water and dirt to be automatically ejected
- Dry air then enters the lubricator and is mixed with oil and sent to the tool

CS Unitec offers three types:

ProLube-ATL: A super-premium synthetic air tool lubricant. Provides maximum lubrication, cleaning and protection for portable air tools.

ProLube-ATL/AF (anti-freeze): ProLube-ATL/AF blend that prevents freezing and is ideal for operating air tools in cold climate conditions.

Air Tool Line Conditioner: For use in underwater air tools. Displaces moisture. Developed to inhibit rust and corrosion of air motors.

Air Tool Lubricant – Non-toxic

ProLube-ATL
1 gallon bottle Order No. CS 7043-001
Case (4 bottles) Order No. CS 7043-002

ProLube-ATL/AF
1 gallon bottle Order No. CS 7049-001
Case (4 bottles) Order No. CS 7049-002

Air Tool Line Conditioner
1 quart/liter bottle Order No. MS 9105
Pneumatic and Electric Nibblers

Easily cut sheet metal and steel up to 3/8” thick

- Pneumatic or electric power is ideal for cutting sheet metal, steel plate, weldments and double sheets, as well as exotic materials and plastics
- Two-speed gearbox (model CS-3400-P or -E)
- Heavy-duty construction
- Head can be rotated to four 90° positions (on selected models)
- Cut over 90° bends with optional die
- Maximum cutting capacity:
  - Mild Steel: up to .375”
  - Stainless Steel: up to .195”
  - Aluminum: up to .500”
- Ideal for use in underground storage tank removal, I-beam splitting, plate cutting and more
- Lightweight construction with quick-change punch and die

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Power</th>
<th>CFM</th>
<th>Working Speed (ft./min.)</th>
<th>Start Hole Dia.</th>
<th>Min. Radius</th>
<th>Strokes per Minute</th>
<th>Max. Sheet Thickness</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric (110 Volt)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-350-E</td>
<td>12 Amp</td>
<td>–</td>
<td>4</td>
<td>1.25”</td>
<td>.280”</td>
<td>650</td>
<td>.135”</td>
<td>.090”</td>
</tr>
<tr>
<td>CS-500-E</td>
<td>12 Amp</td>
<td>–</td>
<td>4.5</td>
<td>1.25”</td>
<td>3.125”</td>
<td>600</td>
<td>.197”</td>
<td>.135”</td>
</tr>
<tr>
<td>CS-700-E</td>
<td>17.4 Amp</td>
<td>–</td>
<td>5</td>
<td>2.75”</td>
<td>5.5”</td>
<td>400</td>
<td>.276”</td>
<td>.197”</td>
</tr>
<tr>
<td>CS-3400-E*</td>
<td>17.4 Amp</td>
<td>–</td>
<td>5.2</td>
<td>3”</td>
<td>16”</td>
<td>230 / 370</td>
<td>.375”</td>
<td>.276”</td>
</tr>
<tr>
<td>Pneumatic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CS-350-P</td>
<td>1.5 HP/90 PSI</td>
<td>54</td>
<td>4</td>
<td>1.25”</td>
<td>.280”</td>
<td>530</td>
<td>.135”</td>
<td>.090”</td>
</tr>
<tr>
<td>CS-500-P</td>
<td>1.5 HP/90 PSI</td>
<td>54</td>
<td>4.5</td>
<td>1.25”</td>
<td>3.125”</td>
<td>530</td>
<td>.197”</td>
<td>.135”</td>
</tr>
<tr>
<td>CS-700-P</td>
<td>4 HP/90 PSI</td>
<td>100</td>
<td>5</td>
<td>2.75”</td>
<td>5.5”</td>
<td>340</td>
<td>.276”</td>
<td>.197”</td>
</tr>
<tr>
<td>CS-3400-P*</td>
<td>4 HP/90 PSI</td>
<td>100</td>
<td>5.2</td>
<td>3”</td>
<td>16”</td>
<td>210 / 350</td>
<td>.375”</td>
<td>.276”</td>
</tr>
</tbody>
</table>

*2-speed gearbox
Lubricants

**ProLube™ Ideal for cutting steel, stainless steel and hard metals**

Your cutting tools will work cooler, longer and more efficiently with ProLube™ Lubricants from CS Unitec.

- Improve cutting tool output and performance
- Prolong tool life by reducing friction and wear
- Unique composition provides excellent adhesion to cutting tools for maximum lubrication
- Corrosion inhibitor
- Ideal for saw blades and drill bits
- Non-toxic

**Also Available…**

**SAFETY & POWER TOOLS**

CS Unitec has the right tools for working in ATEX and EX zones, as well as in Subsea applications

- **Air Nut Runners**
  - For turning valves, tightening, tapping, reaming, pipe beveling, expanding and more
  - Hydrogen models available

- **Portable Magnetic Drills – Air and Hydraulic**
  - Drill up to 21/16” (52mm) dia. holes
  - Coolant system reduces risk of sparking
  - Lightweight and portable
  - Electric models to cut holes up to 5” dia. and 4” deep

- **Non-Sparking & Non-Magnetic Safety Tools**
  - AlBr or CuBe Alloy
    - For Ex zones where hazardous, flammable or combustible materials may be present
    - Hammers, wrenches, sockets and more

**Warranty**

Products of CS Unitec, Inc. are warranted to be free from defects in material and workmanship for one year from date of purchase.

This warranty does not apply to normal wear or products which have been abused, misused, modified or repaired by someone other than CS Unitec, Inc. or its Authorized Service Representatives.

If a product proves defective in material or workmanship within one year after purchase, return it to CS Unitec, Inc. or an Authorized Service Center, transportation prepaid. CS Unitec, Inc. will, at its option, repair or replace defective products free of charge.

CS Unitec, Inc.'s sole liability and your exclusive remedy under this warranty is limited to repair or replacement of the defective product. There are no other warranties expressed or implied and CS Unitec, Inc. shall not be liable for incidental, consequential or special damages, or expenses excepting only the cost or expense of repair or replacement as described above.
Also available from CS Unitec, Inc. specializes in electric, pneumatic and hydraulic power tools for construction and industry. Innovation and high quality are synonymous with CS Unitec’s power tools. In 1991, the company invented the first pneumatic portable band saw. CS Unitec has added to its list of industry firsts with the widest range of portable magnetic drills and hand-held concrete core drills. The line also includes electric, pneumatic and hydraulic portable band saws, reciprocating saws, hacksaws, nut runners, rotary hammer drills, rolling motors, metal finishing tools, portable mixers, dust extraction tools and vacuum systems.

… the power of innovation!®

For more information, please visit our Web site at www.csunitec.com.


Electric, Pneumatic and Hydraulic Tools

- Metal Finishing Machines
- Electric Magnetic Drills for cutting up to 5” holes in metal
- Pneumatic Magnetic Drills for use in hazardous environments
- Air and hydraulic SDS Rotary Hammer Drills for concrete
- Electric, hydraulic and pneumatic Hand-held and Rig-mounted Core Drills for concrete
- Slow-speed Drive Units for high-torque turning
- Nut Runners for turning valves, tightening, tapping, reaming, beveling and expanding