

# Portable Band Saws

**Fast, on-site cutting of  
pipe and other materials**

**Pneumatic • Electric • Hydraulic**

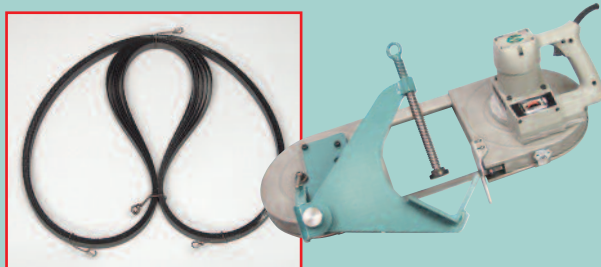
**Power for a wide range  
of industries**

- 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. See page 23.



ATEX Classified

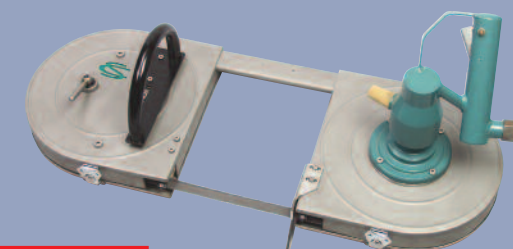
**4 3/4" AirBand™ Saw**

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**4 3/4" Electric Band Saw**

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**7" Deep Throat™ AirBand Saw  
9" Wide Mouth™ AirBand Saw**

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**7" Deep Throat™ Electric Band Saw  
9" Wide Mouth™ Electric Band Saw**

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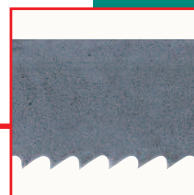
**4 3/4" and 7"  
Deep Throat™  
and 9" Wide Mouth™  
Hydraulic Band Saws**

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# Pneumatic Portable Band Saws



**ATEX Classified**



## 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<sup>3</sup>/<sub>4</sub>" OD
- Deep Throat™ models with planetary gearbox cut up to 7" OD
- Wide Mouth™ models with planetary gearbox cut up to 8" OD

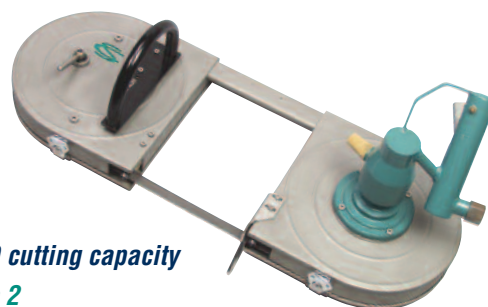


7" Cutting Capacity

**AirBand™ Model 5 6003 0010**  
4<sup>3</sup>/<sub>4</sub>" OD cutting capacity  
ATEX Classified for Ex Zone 2



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



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

**Model No. 5 6030 9000**  
Clamp-on vise for 4<sup>3</sup>/<sub>4</sub>" Band Saw

**Model No. 5 6031 9400**  
Clamp-on vise for 7" Band Saw

See page 23 for more information.



Model No.	Motor Power and Specs.	Blade Speed (ft/sec)	Capacity		Blade Size	Housing	Overall Length	Air Connection	Air Hose	Wgt. (lbs.)
			Round	Rectangular						
AirBand™										
5 6003 0010	0.7 HP, 90 PSI, 20 CFM	2.2-3.3 Variable	4 <sup>3</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>2</sub> " x 4 <sup>3</sup> / <sub>4</sub> "	44 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>2</sub> "	Aluminum	21 <sup>1</sup> / <sub>2</sub> "	1/4" NPT (ID)	3/8"	14
Deep Throat™ AirBand										
5 6031 0010	1.3 HP, 90 PSI, 43 CFM	4.0-4.9 Variable	7"	7" x 7"	66" x 5/8"	Stainless Steel	28 <sup>3</sup> / <sub>4</sub> "	1/2" NPT (ID)	1/2"	28
Wide Mouth™ AirBand										
5 6062 0010	1.3 HP, 90 PSI, 43 CFM	4.0-4.9 Variable	8"	9" x 8"	71" x 5/8"	Stainless Steel	30 <sup>3</sup> / <sub>4</sub> "	1/2" NPT (ID)	1/2"	35



# Electric and Hydraulic Portable Band Saws

**Construction, utility, marine and demolition applications**

## Electric Band Saws – Fast, on-site cutting



**Electric Deep Throat™ Model 5 6040 0010**  
cuts a section of rail

- 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<sup>3</sup>/<sub>4</sub>" OD
- Deep Throat™ models with stainless steel housing and planetary gearbox cut up to 7" OD; Wide Mouth™ models cut up to 8" OD

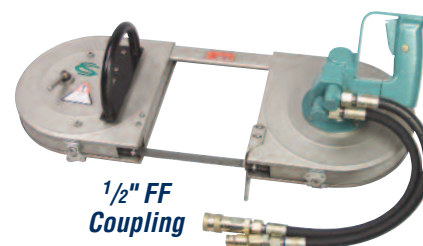
**Electric Model  
5 6046 0010**



Model No.	Motor Power and Specs.*	Blade Speed (ft/sec)	Capacity		Blade Size	Housing	Overall Length	Weight (lbs.)
			Round	Rectangular				
Electric								
5 6046 0010	6 Amp 110VAC	3.0-7.4 Variable	4 <sup>3</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>2</sub> " x 4 <sup>3</sup> / <sub>4</sub> "	44 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>2</sub> "	Aluminum	21 <sup>1</sup> / <sub>2</sub> "	14
Deep Throat™ Electric								
5 6040 0010	6 Amp 110VAC	2.0-4.9 Variable	7"	7" x 7"	66" x <sup>5</sup> / <sub>8</sub> "	Stainless Steel	28 <sup>3</sup> / <sub>4</sub> "	28
Wide Mouth™ Electric								
5 6079 0020	6 Amp, 110VAC	2.0-4.9 Variable	8"	9" x 8"	71" x <sup>5</sup> / <sub>8</sub> "	Stainless Steel	30 <sup>3</sup> / <sub>4</sub> "	34

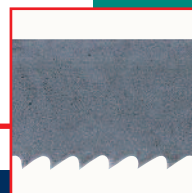
## Hydraulic Band Saws

- 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<sup>3</sup>/<sub>4</sub>" OD
- Deep Throat™ models with planetary gearbox cut up to 7" OD; Wide Mouth™ models cut up to 8" OD
- 1/2" Flush-face (HTMA) couplings and hoses are included



Model No.	Motor Power Specs.	Blade Speed (ft/sec)	Capacity		Blade Size	Housing	Overall Length	Weight (lbs.)
			Round	Rectangular				
Hydraulic - 1/2" FF (HTMA) Couplings								
5 6043 0010	1.6 HP, 2000 PSI, 4 GPM	4.2	4 <sup>3</sup> / <sub>4</sub> "	4 <sup>1</sup> / <sub>2</sub> " x 4 <sup>3</sup> / <sub>4</sub> "	44 <sup>7</sup> / <sub>8</sub> " x 1 <sup>1</sup> / <sub>2</sub> "	Stainless Steel	22"	23
Deep Throat™ Hydraulic - 1/2" FF (HTMA) Couplings								
5 6041 0010	1.6 HP, 2000 PSI, 4 GPM	4.2	7"	7" x 7"	66" x <sup>5</sup> / <sub>8</sub> "	Stainless Steel	28 <sup>3</sup> / <sub>4</sub> "	28
Wide Mouth™ Hydraulic - 1/2" FF (HTMA) Couplings								
5 6054 0010	1.6 HP, 2000 PSI, 4 GPM	4.2	8"	9" x 8"	71" x <sup>5</sup> / <sub>8</sub> "	Stainless Steel	30 <sup>3</sup> / <sub>4</sub> "	35.6

# 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)

<b>No. 9 2506 0010</b>	18 TPI	Cuts material 1/8" - 1/4" thick	44 7/8" L x 1/2" W x .025" T
<b>No. 9 2506 0020</b>	14 TPI	Cuts material 3/16" - 1/2" thick	44 7/8" L x 1/2" W x .025" T
<b>No. 9 2506 0030</b>	10/14 TPI*	Cuts material 3/16" - 1/2" thick	44 7/8" L x 1/2" W x .025" T
<b>No. 9 2506 0040</b>	8/12 TPI*	Cuts material 1/2" and thicker	44 7/8" L x 1/2" W x .025" T

44 7/8"

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

<b>No. 9 2506 0220</b>	14 TPI	Cuts material 3/16" - 1/2" thick	66" L x 5/8" W x .025" T
<b>No. 9 2506 0230</b>	10/14 TPI*	Cuts material 3/16" - 1/2" thick	66" L x 5/8" W x .025" T
<b>No. 9 2506 0240</b>	8/12 TPI*	Cuts material 1/2" and thicker	66" L x 5/8" W x .025" T
<b>No. 9 2506 0200</b>	8 TPI	Cuts material 3/4" and thicker	66" L x 5/8" W x .025" T

66"

### Blades for Wide Mouth™ saws (Model Nos. 5 6062 0010, 5 6099 0020 and 5 6054 0010)

<b>No. 9 2506 0350</b>	10/14 TPI*	Cuts material 3/16" - 1/2" thick	71" L x 5/8" W x .025" T
<b>No. 9 2506 0340</b>	8/12 TPI	Cuts material 1/2" and thicker	71" L x 5/8" W x .025" T
<b>No. 9 2506 0330</b>	6/10 TPI	Cuts material 3/4" and thicker	71" L x 5/8" W x .025" T

71"

\* 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 Clamps for Accurate Cuts

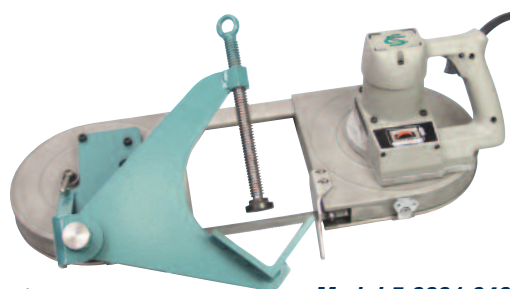
- Securely clamp to round, square and angular materials for straight cutting
- Easily attach to CS Unitec Portable Band Saws

### Model No. 5 6030 9000

Clamp-on vise for 4-3/4" Band Saws  
(model numbers 5 6003 0010, 5 6046 0010 and 5 6043 0010)  
Maximum material size – rounds: 4 3/4"; squares: 4 1/2"; angles: 4 1/2"

### Model No. 5 6031 9400

Clamp-on vise for 7" Deep Throat™ Band Saws  
(model numbers 5 6031 0010, 5 6041 0010 and 5 6047 0010)  
Maximum material size – rounds: 7"; squares: 5"; angles: 5"



**Model 5 6031 9400**  
with Band Saw