



# Reciprocating Air Saws



ATEX Certified

## Compact, Quiet & Reliable

**Low Vibration/Low Air Volume**  
Cut Pipe, Structural Steel, Sheet Metal, Fiberglass, Plastic and More.

RECIPROCATING SAWS

- 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



### Lubricating Oils (see pgs. 17, 39)

- 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



**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)

HB300/18	Hand	18 TPI	12" L
HB300/24	Hand	24 TPI	12" L
HB300/32	Hand	32 TPI	12" L
MC220/18	Machine	18 TPI	8 <sup>3</sup> / <sub>4</sub> " L
MC220/24	Machine	24 TPI	8 <sup>3</sup> / <sub>4</sub> " L
MYN150/18	Notched Yellow	18 TPI	6" L
MYT150/18	Tapered Yellow	18 TPI	6" L

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

MB150/18	Machine	18 TPI	6" L
MB200/10-14	Machine	10/14 TPI	8" L
MB200/18	Machine	18 TPI	8" L
MB200/24	Machine	24 TPI	8" L
MB250/18	Machine	18 TPI	10" L
MB250/24	Machine	24 TPI	10" L
MB300/10-14	Machine	10/14 TPI	12" L
MB300/18	Machine	18 TPI	12" L

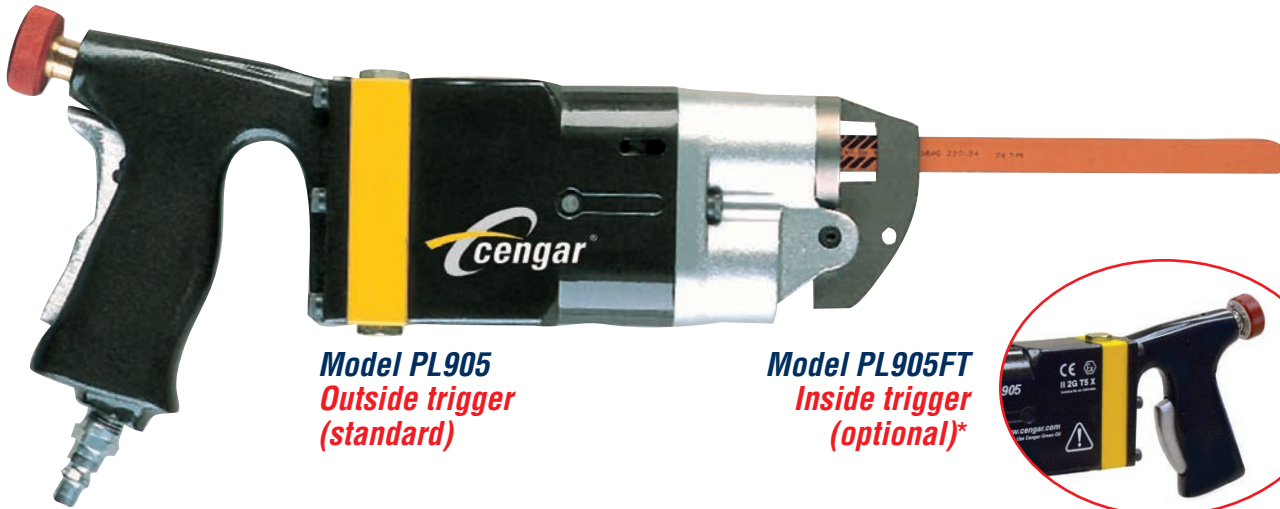
# Reciprocating Air Saws



ATEX Certified



*Ideal for cutting pipe, metals, fiberglass and more*



**Model PL905**  
*Outside trigger*  
*(standard)*

**Model PL905FT**  
*Inside trigger*  
*(optional)\**



RECIPROCATING SAWS



**Cut Sheet Metal**

## 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
- Optional inside trigger\* order PL905FT



**Cut Nails**

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



### Cengar Saw Blades and Accessories (see page 4)

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



\* Inside trigger for hand-held use only; not for use with a clamp. This trigger style cannot be locked on.

### Models PL905 / PL905FT

Motor Power	1 HP
Stroke Length	7/8"
Strokes per Min.	2000
Weight	5 1/4 lbs.
Length x Height x Width	11 3/4" x 5 1/4" x 1 5/8"
Air Consumption	4 CFM
Air Pressure	90 PSI
Air Connection	1/4" NPT
Air Hose	1/4" ID
Noise Level (dB)	69
Vibration Level (m/s <sup>2</sup> )	1.73



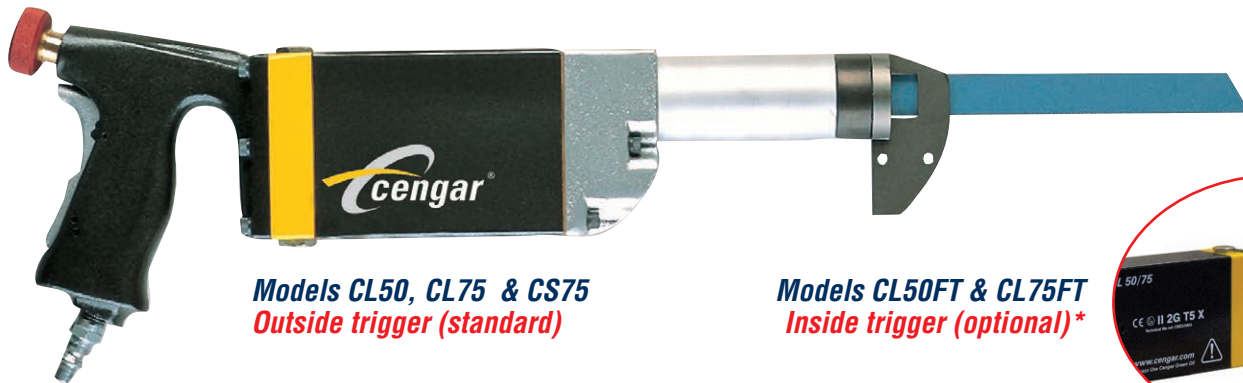
# Reciprocating Air Saws



ATEX Certified

*Ideal for cutting metal, timber and fiberglass*

RECIPROCATING SAWS



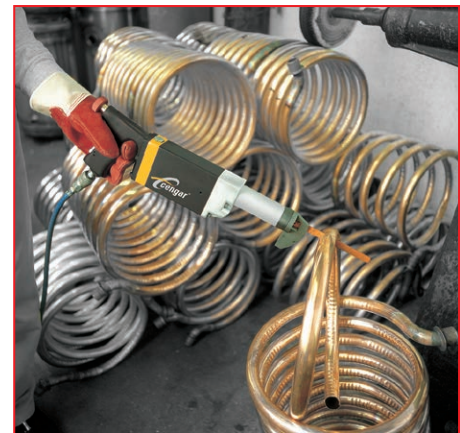
**Models CL50, CL75 & CS75**  
*Outside trigger (standard)*

**Models CL50FT & CL75FT**  
*Inside trigger (optional)\**



## Low Vibration • Low Noise

- Workhorses for use in the fabrication, shipbuilding, ship repair, oil and petrochemical, boat building and aircraft maintenance fields, as well as by fire and rescue professionals
- Fitted with easy-to-use STOP/Isolator button on the handle for safety when changing blades
- CL50 uses any 1/2" (12mm) wide Bi-metal hand or machine blade – easily converted to a CL75 by changing the nosepiece
- CL75 and CS75 use a 3/4" (19mm) wide Bi-metal machine blade
- Optional inside trigger order CL50FT or CL75FT (inside trigger for hand-held use only; not for use with a clamp – this trigger style cannot be locked on)



**Model CS75 accurately cuts steel pipe up to 6" dia.**



*Model CS75 includes a Clamp Fixing Kit and standard Pipe/Profile Clamp (P/N CCGS3)*

**CS75 Standard Equipment: Clamp Fixing Kit, standard Pipe/Profile Clamp (P/N CCGS3), five MB250/10-14 saw blades, air tool oil and plastic carrying case.**

## Models CL50 & CL75 / CL50FT & CL75FT and CS75

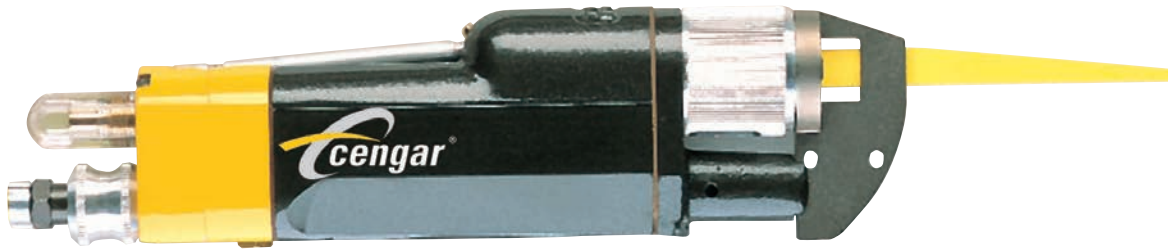
Motor Power	1 HP
Stroke Length	1 3/4"
Strokes per Min.	1200
Weight	5 1/2 lbs.
Length x Height x Width	15 3/4" x 5 1/4" x 1 5/8"
Air Consumption	5 3/4 CFM
Air Pressure	90 PSI
Air Connection	1/4" NPT
Air Hose	1/4" ID
Noise Level*	83 dB(a)
Vibration Level*	3.69 m/s <sup>2</sup>

\* Model CS75: Noise Level is 92.4 dB(a) and Vibration Level is 3.2 m/s<sup>2</sup>

**CL50, CL75, CL50FT and CL75FT Standard Equipment: carrying case, five MC220/24 saw blades, air tool oil, CD operating manual, allen key.**



**Ideal for cutting fiberglass, light-gauge metal & fiberboard**



**Model JP901**

**Speedy, lightweight air saw for repair and construction environments**

RECIPROCATING SAWS

## 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

Motor Power	1 HP
Stroke Length	3/8"
Strokes per Min.	10,000
Weight	3 1/2 lbs.
Length x Height x Width	10 3/4" x 2 3/4" x 1 5/8"
Air Consumption	4 CFM
Air Pressure	75 PSI
Air Connection	1/4" NPT
Air Hose	1/4" ID
Noise Level (dB)	69
Vibration Level (m/s <sup>2</sup> )	1.23



# 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.*

90°

**1/2" - 2" Pipe Vise Clamp – Model No. 259 983**

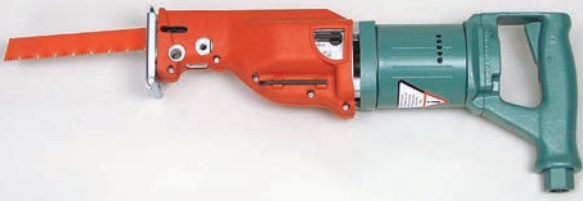
**2 1/2" - 4" Pipe Vise Clamp – Model No. 563 100**

**1/2" - 6" Pipe Chain Clamp – Model No. 251 259**



**The CAT - 1.3 HP Pneumatic Reciprocating Saw**

p. 10



**The WOLF - 1.6 HP Pneumatic Reciprocating Saw**

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**The SHARK - 2 HP Hydraulic Reciprocating Saw**

p. 12



**Two Models:**  
Spade (below) or D-handle  
(right) available.

**The FOX - 9.5 and 12 Amp Electric Reciprocating Saws**

p. 12

## Pipe Clamp for Pipes & Profiles

### Model No. CP1 Universal Clamp

- Easily attaches to recip saws and portable hacksaws 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 18 for use with portable hacksaws



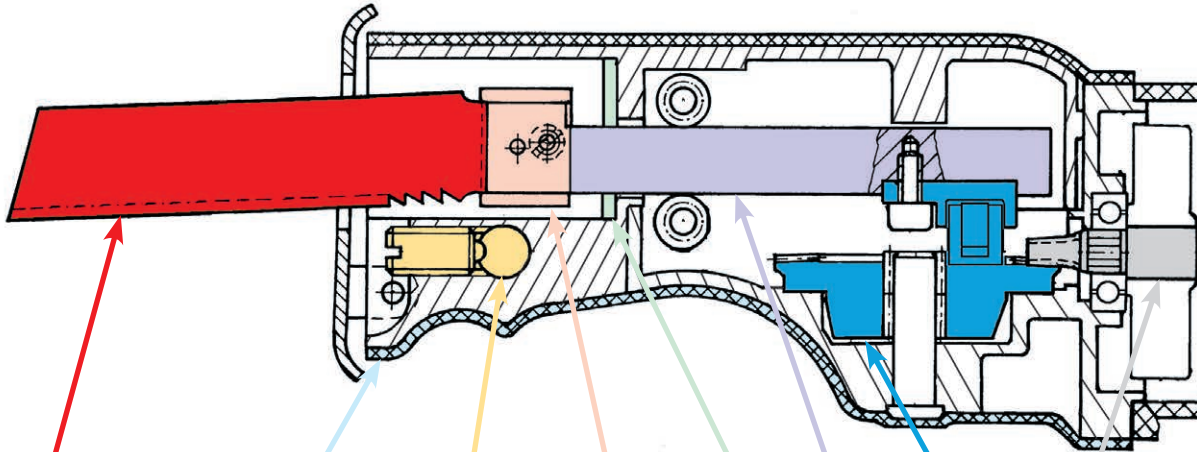
# Reciprocating Saws

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



RECIPROCATING SAWS

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.



Universal 1/2" tang, double-tang or M-Tooth blade moves in aggressive orbital action

Ergonomically shaped housing grip

Pipe clamp connection

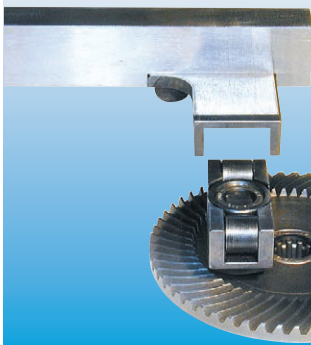
Patented saw blade mount

Silicone gasket

Patented square lift rod

ANC gear drive

Powerful, heavy-duty pneumatic or electric motor



### 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.



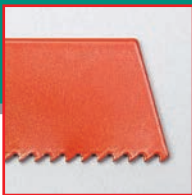
**Cut in Both Directions!**

#### 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**  
*Use hand-held or with a clamp*



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



**ATEX Certified**

- Cuts steel pipe and channel up to 6" 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



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

### Pipe Clamps for Straight Cutting up to 6" dia. (P/N 251 259)

- 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



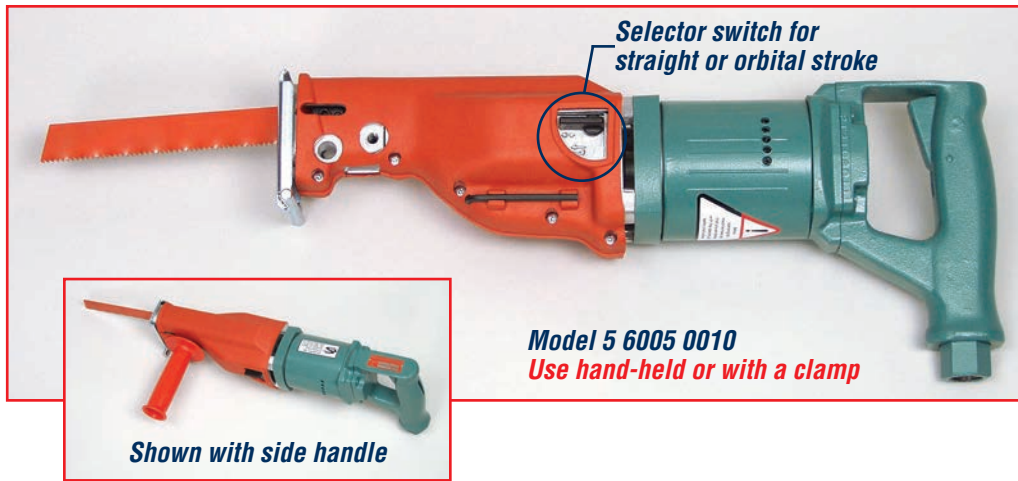
### Model 5 1217 0020

Motor Power	1.3 HP
Stroke Length	1 1/8"
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)
Saw Kit	Order Model 5 1217 0060

# 1.6 HP Pneumatic Reciprocating Saw



*Ideal for cutting pipe, structural steel and other materials*



## The WOLF

RECIPROCATING SAWS

- 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 (see page 18)
- 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



**Pipe Clamps for Straight Cutting up to 6" dia.**  
(P/N 251 259)

- Increase leverage 5x for faster cutting
- Safely secure the saw while cutting

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



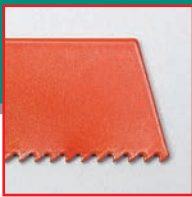
**Reciprocating Saw Blades and Accessories (see page 13)**

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



### Model 5 6005 0010

Motor Power	1.6 HP
Stroke Length	1 1/8"
Strokes per Min.	0-2200
Weight	10 3/4 lbs.
Length	17 3/4"
Air Consumption	51 CFM
Air Pressure	90 PSI
Air Connection	1/2" NPT (ID)
Saw Kit	Order Model 5 6005 0060



# Hydraulic Reciprocating Saw

*Subsea, mining, utility and construction applications*

## The SHARK

- Underwater, mining, utility and construction applications
- Operate on 2000 PSI / 6 GPM (up to 13 GPM) hydraulic oil
- Cuts steel pipe and channel 1/2" to 6" dia., plastic pipe to 8" dia. and wood up to 8" 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



**Model 5 1219 0010**  
*Use hand-held or with a clamp*

### Model 5 1219 0010

Motor Power	2 HP
Oil Pressure	2000 PSI
Oil Flow	6 GPM (up to 13)
Strokes per Min.	1700
Weight	13.2 lbs.
Hydraulic Connection	M 18 x 1.5 Female
Hose ID*	1/2" ID with 1/2" FF Couplings

\* Hoses are not included

## 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



**Models 5 6002 0000 and 5 6002 6000 with spade handle. Model 5 6002 6000 has variable-speed control dial.**



**Model 5 6002 7000 with D-handle variable-speed trigger.**

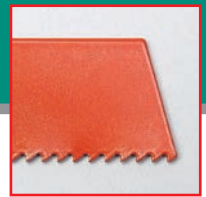
*Accept universal saw blades or thicker, heavy-duty double-tang saw blades (see page 13)*

**Standard equipment includes 2" pipe clamp (#259 983), carrying case and two No. 1001 blades**

Model No.	Power	Stroke Length	Strokes per Min.	Handle Style	Length	Weight (lbs.)
<b>Single Speed</b>						
5 6002 0000	9.5 Amp, 110V*	1 1/8"	2200	Spade	19"	6
<b>Variable Speed</b>						
5 6002 6000**	12 Amp, 110V*	1 1/8"	0-2200	Spade	19"	6
5 6002 7000**	9.5 Amp, 110V*	1 1/8"	0-2200	D-handle	19"	6

\* 220 Volt also available \*\* 5 6002 6000 with speed control dial, 5 6002 7000 with variable-speed trigger.

# 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 pages 17 and 39 for details.\*\***

RECIPROCATING SAWS

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

<b>No. 1001</b>	Cuts pipe up to 2"	8 TPI	6" L x 1" W x .060" T
<b>No. 1002</b>	Cuts pipe up to 4"	8 TPI	8" L x 1" W x .060" T
<b>No. 007D/200*</b>	Cuts pipe up to 4"	M-Tooth	8" L x 1" W x .050" T

\* 007D/200 has universal 1/2" tang



## 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.

<b>No. 1005</b>	10/14 TPI	6" L x 1" W x .035" T
<b>No. 1003</b>	10/14 TPI	8" L x 1" W x .035" T
<b>No. 1004</b>	10/14 TPI	12" L x 1" W x .035" T



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

### Metal 1/8" and Thicker

<b>No. 3013/150</b>	14 TPI	6" L x 3/4" W x .035" T
<b>No. 3013/200</b>	14 TPI	8" L x 3/4" W x .035" T
<b>No. 3018/280</b>	10 TPI	12" L x 3/4" W x .035" T

### Metal up to 1/8" Thick

<b>No. 3014/150</b>	18 TPI	6" L x 3/4" W x .035" T
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### Metal up to 1/8" Thick (for Curved Cuts)

<b>No. 3017/90</b>	18 TPI	3 5/8" L x 5/16" W x .035" T
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### Plastic, Wood, Plasterboard

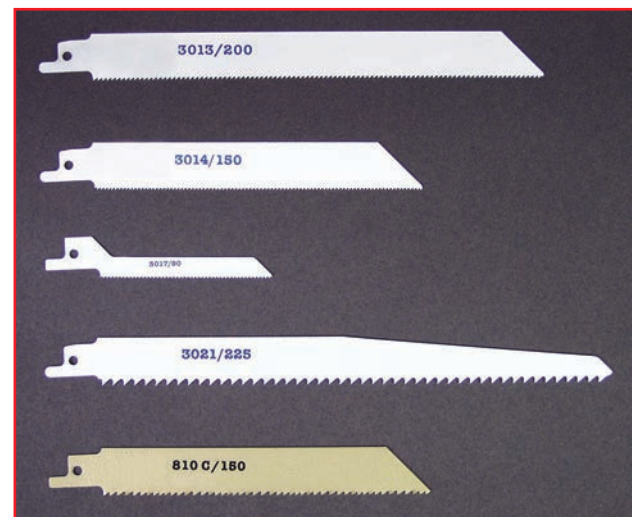
<b>No. 3021/150</b>	6 TPI	6" L x 3/4" W x .035" T
<b>No. 3021/225</b>	6 TPI	8" L x 3/4" W x .035" T
<b>No. 3021/300</b>	6 TPI	12" L x 3/4" W x .035" T

### All Woods with Steel (i.e. Embedded Nails)

<b>No. 810C/150</b>	8/10 TPI	6" L x 3/4" W x .035" T
<b>No. 810C/225</b>	8/10 TPI	9" L x 3/4" W x .035" T

### Cast Steel, Ductile Iron, Ceramics and Glass Fiber Products

<b>No. D12/200</b>	Tungsten Carbide Coarse	8" L x 3/4" W
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## Mega Sharp M-Tooth Saw Blades for Freehand Cutting with Standard 1/2" Shank

### CUTS TWICE AS FAST!

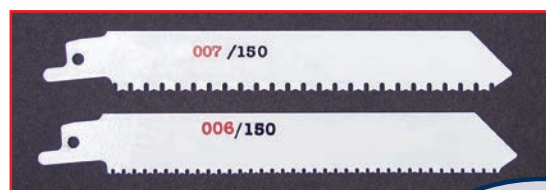
M42 Bi-metal for cutting steel and stainless steel

### Metal 1/8" and Thicker

<b>No. 007/150</b>	M-Tooth	6" L x 3/4" W x .035" T
<b>No. 007/200</b>	M-Tooth	8" L x 3/4" W x .035" T
<b>No. 007/280</b>	M-Tooth	12" L x 3/4" W x .035" T

### Metal up to 1/8" Thick

<b>No. 006/150</b>	M-Tooth	6" L x 3/4" W x .035" T
<b>No. 006/200</b>	M-Tooth	7" L x 3/4" W x .035" T



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.

