

UNITEC

**PNEUMATIC • ELECTRIC • HYDRAULIC
PORTABLE SAWS**

**HACKSAWS
RECIPROCATING SAWS
BAND SAWS
CHAIN SAWS
CUT-OFF SAWS
JIG SAWS**



**For Cutting
Pipe, Structural
Steel, Wood,
Plastic, Concrete
and Masonry**

Heavy-duty Saws... Fast, accurate cutting on the job site!

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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Choose your Power...



Pneumatic-powered Saws

- ATEX Approved for use in hazardous areas
- Reliable and require less maintenance
- High power-to-weight ratios

ATEX Approved



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

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

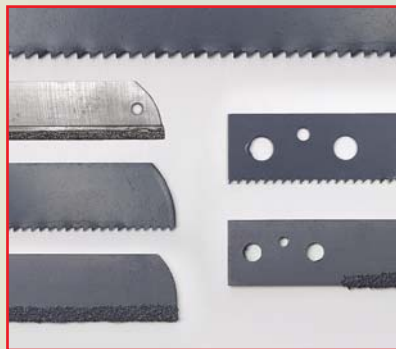
We offer a variety of clamps for applications that require the saw to be stable.

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

ATEX Approved

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 Approved – 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 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



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
MC220/24	Machine	24 TPI	8 1/2" L
MC260/24	Machine	24 TPI	10 1/2" 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
MB150/24	Machine	24 TPI	6" 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	Machine	10 TPI	12" L
MB300/14	Machine	14 TPI	12" L
MB300/18	Machine	18 TPI	12" L

Reciprocating Air Saws

ATEX Approved



Ideal for cutting pipe, metals, fiberglass and more



Model PL905
Sturdy air saw for continuous use

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



Cut Sheet Metal

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



Cut Nails

- $\frac{7}{8}$ " 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 $\frac{1}{2}$ " (12mm) wide Bi-metal hand, machine or yellow blades
- Easily converted to fit our $\frac{3}{4}$ " wide Bi-metal blade

Cengar Saw Blades and Accessories (see page 4)

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



Model PL905	
Motor Power	1 HP
Stroke Length	$\frac{7}{8}$ "
Strokes per Min.	2000
Weight	5 $\frac{1}{4}$ lbs.
Length x Height x Width	11 $\frac{3}{4}$ " x 5 $\frac{1}{4}$ " x 1 $\frac{5}{8}$ "
Air Consumption	4 CFM
Air Pressure	90 PSI
Air Connection	$\frac{1}{4}$ " NPT
Air Hose	$\frac{1}{4}$ " ID
Noise Level (dB)	69
Vibration Level (m/s ²)	1.73

RECIPROCATING SAWS

Reciprocating Air Saws

ATEX Approved

Ideal for cutting metal, timber and fiberglass



Models CL50 & CL75
Rugged air saws for versatile applications

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
- 1³/₄" 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 1/2" (12mm) wide Bi-metal hand or machine blade and can be easily converted to a CL75 by changing the nosepiece
- CL75 uses a 3/4" (19mm) wide Bi-metal machine blade



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" 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

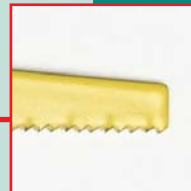


Models CL50 & CL75

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 (dB)	83
Vibration Level (m/s ²)	3.69

Reciprocating Air Saws

ATEX Approved



Ideal for cutting fiberglass, light-gauge metal & fiberboard



Model JP901

Speedy, lightweight air saw for repair and construction environments

Low Vibration • Low Noise

- Ideal for cutting fiberglass, light-gauge metal and fiberboard up to $\frac{3}{8}$ " (10mm) thick
- Utilized by boat builders and in the construction and repair of car, bus and truck bodies
- Low air consumption – only 4 CFM
- $\frac{3}{8}$ " 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 $\frac{1}{2}$ " (12mm) wide Bi-metal hand, machine or yellow blades and can be easily converted to use $\frac{3}{4}$ " 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)

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



Model JP901

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

RECIPROCATING SAWS

Portable Reciprocating Saws

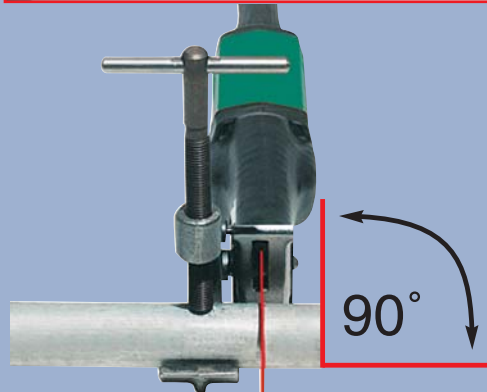
**The most powerful
in the industry!**

**Hand-held or clamp-on cutting
in tough environments**

Pneumatic • Electric

**Ideal for a wide range
of industries, including 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**



The CAT - 1.3 HP Pneumatic Reciprocating Saw p. 10



The WOLF - 1.6 HP Pneumatic Reciprocating Saw p. 11



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

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
– order Model No. 259.983

2 1/2" - 4" Pipe Vise Clamp
– order Model No. 563.100

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



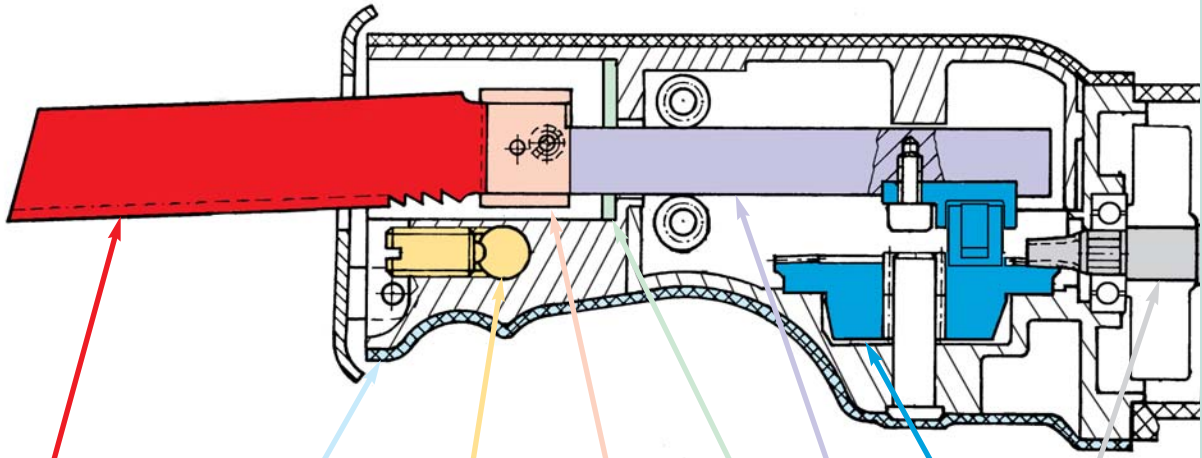
Reciprocating Saws

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.



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.

RECIPROCATING SAWS

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 Approved



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

- 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

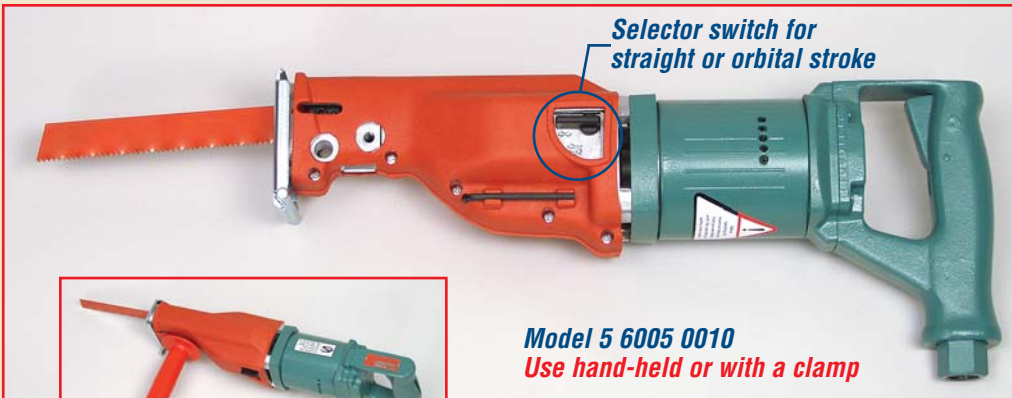


Model 5 1217 0020

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



Selector switch for straight or orbital stroke

Model 5 6005 0010
Use hand-held or with a clamp



Shown with side handle

The WOLF

- 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



Pipe Clamps for Straight Cutting up to 6" dia.

- 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

Reciprocating Saw Blades

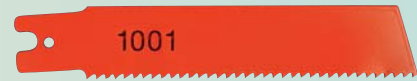


Super quick and precise for pipe, steel, plastic, etc.

****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*

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



* 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.

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

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

Metal up to 1/8" Thick

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

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

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

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

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

Cast Steel, Ductile Iron, Ceramics and Glass Fiber Products

No. D12/200	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

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

Metal up to 1/8" Thick

No. 006/150	M-Tooth	6" L x 3/4" W x .035" T
No. 006/250	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.



Cuts in Both Directions!