

Portable Saws and Accessories

Saws for Pipes, Structural Steel, Profiles and more p. 112-123

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7-1/2" dia. Heavy-Duty Dry Cutting Air Saw

Cut up to 2-1/2" depth at 90° and 1-1/2" at 45°

Air power ideal for petrochemical, marine, demolition and fabrication industries



1.7 HP
Air Motor

- Heavy-duty air-powered circular saw, ideal for wet and dirty conditions
- Pneumatic power eliminates burn out from stalls
- 7-1/2" max. blade capacity
- D-handle design with inside trigger and safety lock button to prevent accidental starting



Optional Carbide-Tipped 7" (180mm) Dry Cut Saw Blade

P/N 9 2503 0120, 36T, for standard use - dry cuts metal, plastics and wood

7-1/2" dia. Heavy-Duty Dry Cut Air Saw

Order No.	5 1116 0020
Motor Power	1.7 HP (1.3 kW)
Blade Diameter	7-1/2" (190mm)
Max. Depth of Cut	2-1/2" at 90° / 1-1/2" at 45°
Speed (Free)	3,200 RPM
Air Consumption	53 CFM at 90 PSI
Air Connection	1/2" NPT
Vibration	<2.5 m/s ²
Length, Weight	13-1/2", 14 lbs.

* Model 5 1116 0020 also accepts 7-1/4" dia. blades
Standard equipment includes rip fence and blade wrench. Blade not included.

9" dia. Dry Cutting Air Saw for 90° and 45° Cuts

Dry cut up to 3-1/4" depth and 3/8" thick steel plate



ATEX Certified



9" diameter (1" arbor)

- Cut steel, nonferrous metal, plastic, grating, composite and corrugated materials
- Cuts at 90° and 45° angles
- Ideal for petrochemical, marine, demolition and fabrication applications

2 HP Air Motor



9" dia. Dry Cut Air Saw for 90° & 45° Cuts

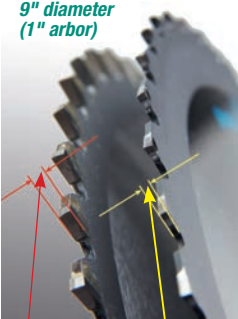
Order No.	5 1115 0020 N
Motor Power	2 HP (1.5 kW)
Blade Diameter	9"
Max. Depth of Cut	3-1/4" at 90° / 2-1/8" at 45°
Speed (Free)	1,500 RPM
Air Consumption	71 CFM at 90 PSI
Air Connection	1/2" NPT
Vibration	<2.5 m/s ²
Weight	19 lbs.

Standard equipment includes an impact-resistant carrying case and Ultra-Thin LBS blade (P/N 722-23060).

Dry Cutting TCT Saw Blades

9" Laser Beam Saw (LBS) ultra-thin blade for all-purpose use features:

- Thinner than conventional saw blades: LBS = .055" vs. Std. = .073" thickness
- Shock-resistant, less vibration
- Produces 35% fewer chips



Standard blade .073" (1.85mm) thickness
Ultra-thin blade (P/N 722-23060) .055" (1.4mm) thickness



Part No.	Teeth	Thickness
722-23060*	60	.055"

* Standard with Model 5 1115 0020 Pneumatic Metal Saw.

Tungsten Carbide-Tipped Dry Cutting Blades, 9" dia., .073" thick for Model 5 1115 0020

P/N 721-23048, 48T, for standard use P/N 721-23068, 68T, for thin-wall metal
P/N 721-23060, 60T, for aluminum P/N 721-23084, 84T, for sheet metal



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Dry Cutting Circular Saws – Pneumatic

Cut I-beams, 3/8" thick steel plate, insulation boards, sandwich panels, aluminum, plastics and more

- Heavy-duty air-powered circular saw
- Pneumatic power eliminates burn out from stalls and dusty jobsite conditions
- Powerful 2.4 HP motor for demanding applications
- Suction nozzle and internal chip collector for clean operation
- D-handle design with inside trigger and safety lock button to prevent accidental starting
- Ideal for steel construction, demolition and more

**4-3/4" max. cutting depth;
Cuts 3/8" thick steel plate**



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12-5/8" dia. Dry Cut Air Saw

Order No.	5 1117 0020 N
Motor Power	2.4 HP (1.8 kW)
Blade Diameter	12-5/8"
Max. Depth of Cut	4-3/4"
Speed (Free)	1,200 RPM
Air Consumption	71 CFM at 90 PSI
Air Connection	1/2" NPT
Vibration	<2.5 m/s ²
Weight	24 lbs.

Guide Rail Clamping System Available

(P/N 608275 SET) Rail provides straight edge length up to 55" (1,400mm).

**12-5/8" Dry Cutting
Saw Blade included
(P/N 608276).**

P/N 608276, 84T
for standard use

P/N 608276SI, 84T
for stainless steel

Dry Cutting Circular Saws – Hydraulic



ATEX Certified

**Up to 4-3/4" depth;
Cut up to 3/8" thick
steel plate**



- Powerful 3.1 HP motor for demanding applications
- Ideal for EX zone, underwater, construction and universal use
- D-handle design with inside trigger and safety lock button to prevent accidental starting
- Up to 45° miter adjustment
- Suction nozzle and internal chip collector for clean operation

7" dia. Dry Cut Air Saw

Order No.	5 1128 0010
Motor Power	3.1 HP (2.3 kW)
Blade Diameter	7" (180mm)
Max. Depth of Cut	2-1/2" at 90° / 1-1/2" at 45°
Speed (Free)	3,200 RPM
Motor Specifications	5.25 GPM at 2000 PSI
Coupling	1/2" FF (HTMA)
Vibration	<2.5 m/s ²
Weight	22.5 lbs.

* Model 5 1128 0020 also accepts 7-1/4" dia. blades
Standard equipment includes rip fence and blade
wrench. Blade not included.

12-5/8" dia. Dry Cut Air Saw

Order No.	5 1127 0010
Motor Power	3.1 HP (2.3 kW)
Blade Diameter	12-5/8"
Max. Depth of Cut	4-3/4"
Speed (Free)	1,800 RPM
Motor specifications	5.25 - 6 GPM at 2000 PSI
Couplings	1/2" FF (HTMA)
Vibration	<2.5 m/s ²
Weight	27 lbs.

608276 12-5/8" Dry cutting saw blade included
Available: P/N 608276, 84T for standard use,
P/N 608276SI, 84T for stainless steel

Portable Reciprocating Saws Air • Hydraulic

Hand-held or clamp-on cutting in tough environments

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 for cutting in confined spaces



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CHEETAH Model 5 1217 0020

1.7 HP, Cuts steel pipe and channel 1/2" to 6" dia., plastic pipe to 8" dia.



SHARK Model 5 1219 0010

2 HP, cuts pipe up to 6" dia., wood up to 8" dia., metal plate up to 3/4" dia.



FOX Model 5 1219 0010

12 Amp, cuts pipe up to 6" dia., wood up to 8" dia., metal plate up to 3/4" dia.



Model Number	Motor Specifications	Stroke Length	Strokes per Minute	Connection	Length	Weight (lbs.)
CHEETAH – Pneumatic						
5 1217 0020	1.7 HP, 51 CFM @ 90 PSI	1-1/8"	0-2300	1/2" NPT (ID)	18.5"	9.9
SHARK – Hydraulic						
5 1219 0010	2 HP, Oil Pressure 2000 PSI, Oil Flow 6 GPM (up to 13 GPM)	1-1/8"	1500	M 18 x 1.5 Female	18"	13.2
FOX - Electric						
5 6002 6000 5 6002 7000 5 6002 0000	12 Amp, 110V (220V Available)	1-1/8"	0-2200	Standard 15A Plug US	19"	6

For the models above, pipe clamp Model 5 1217 9910 available for use up to 6" pipe, contact a CS Unitec specialist for details.

Low Vibration/Low Air Volume – Compact, Quiet & Reliable

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

- Piston air motors use low air volume while maintaining cutting speed
- Heavy-duty cast steel and aluminum saw bodies; built-in motor lubrication
- Safety STOP/Isolator button disconnects air supply



For use in hazardous areas and around gas and other flammable materials



Optional inside trigger for hand-held use only. Add FT to Model No.

Model No.	Motor Power (@ 90 PSI)	Stroke Length	Strokes per Minute	Dimensions (LxHxW)	Weight (lbs.)	Connection	Noise Level dB(A)	Vibration Levels m/s ²
PL905	1 HP, 4 CFM	7/8"	2000	11 ³ / ₄ " x 5 ¹ / ₄ " x 1 ⁵ / ₈ "	5.25	1/4" NPT ID	69	1.73
CL50	1 HP, 5.75 CFM	1-3/4"	1200	15 ³ / ₄ " x 5 ¹ / ₄ " x 1 ⁵ / ₈ "	5.5	1/4" NPT ID	83	3.69
CL75	1 HP, 5.75 CFM	1-3/4"	1200	15 ³ / ₄ " x 5 ¹ / ₄ " x 1 ⁵ / ₈ "	5.5	1/4" NPT ID	83	3.69

Optional inside trigger for handheld use only, add FT to Model # ex: PL905FT Pipe clamps available, contact CS Unitec for details.

Reciprocating Saw Blades & Accessories

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

Saw Blades for Quick Connect Blade Holders & Allen Style Blade Holders

Mega Sharp M-Tooth Saw Blades for Freehand Cutting, Single Tang

CUTS 2x FASTER THAN ORDINARY BLADES! M42 Bi-metal for cutting steel and stainless steel
 Universal 1/2" single tang for easy mounting to quick change and allen blade holders.
 The teeth of the patented M-Tooth saw blade cut on the forward and back strokes, saving time.



Metal up to 1/8" Thick

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

* 007D/200 extra thick for heavier-duty cutting

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
No. 007D/280*	M-Tooth	8" L x 1" W x .5" T

General-Purpose Blades, Single Tang

General Purpose Blades – These bi-metal saw blades are made to meet demanding cutting applications in metal and more!
 Universal 1/2" single tang for easy mounting to quick change and allen blade holders.

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	6" L x 3/4" W x .035" T
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Cast Steel, Ductile Iron, Ceramics & Fiberglass

No. D12/200	Tungsten Carbide	6" L x 3/4" 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 w/ 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

Saw Blades for Allen Style Blade Holders

Extra-Thick Blades, Dual 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.

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" single tang



Ask for special blades to cut steel.

Heavy-Duty HSS Bi-metal Blades, Dual Tang

Made of tough, resilient steel with 10/14 variable tooth pitch. 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

Air Saw Blades for PL905, CL50, CL75

1/2" Wide Bi-metal Blades (CL50 / PL905) 3/4" Wide Bi-metal Blades (CL75)

HB300/18	Hand	18 TPI	12" L	MB150/18	Machine	18 TPI	6" L
HB300/24	Hand	24 TPI	12" L	MB200/10-14	Machine	10/14 TPI	8" L
HB300/32	Hand	32 TPI	12" L	MB200/18	Machine	18 TPI	8" L
MC220/18	Machine	18 TPI	8 ^{3/4} " L	MB200/24	Machine	24 TPI	8" L
MC220/24	Machine	24 TPI	8 ^{3/4} " L	MB250/18	Machine	18 TPI	10" L
MYN150/18	Notched Yellow	18 TPI	6" L	MB250/24	Machine	24 TPI	10" L
MYT150/18	Tapered Yellow	18 TPI	6" L	MB300/10-14	Machine	10/14 TPI	12" L
				MB300/18	Machine	18 TPI	12" L



Portable Band Saws Electric • Air • Hydraulic

Fast, on-site cutting of pipe up to 8" diameter

Cold cutting saws for industry, including refineries, chemical plants, utilities, construction, offshore oil, mining, marine and demolition



Electric Band Saws



Deep Throat™:
Cut 7" round or 7" x 7"

Wide Mouth™:
Cut 8" round or 9" x 8 1/2"

- Fast, deep, cold 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
- Vise clamps available for straight cutting of round, square and angular materials



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Electric Band Saws

6 Amp, 220VAC

Model No.	Cutting Capacity	Blade Speed (ft/sec)	Overall Length	Wt. (lbs.)
Deep Throat™ – Stainless Steel housing				
5 6078 0010-220	7" OD / 7" x 7"	5.5-6.8*	29"	31
Wide Mouth™ – Stainless Steel housing				
5 6079 0010-220	7" OD 7" x 9 1/2"	5.6-6.8*	31 1/2"	32

*variable speed.

Pneumatic AirBand™ Saws



Standard:
Cut 4 3/4" round or 4 1/2" x 4 3/4"



ATEX Certified

BELOW MODELS ONLY



5 6093 0010:
Cut 4" round or 4" x 4"

Includes stationary cutting table and vise



Deep Throat™:
Cut 7" round or 7" x 7"

Wide Mouth™:
Cut 8" round or 9" x 8 1/2"

Pneumatic Band Saws

Model No.	Cutting Capacity	Motor Power (90 PSI)	Blade Speed (ft/sec)	Overall Length	Wt. (lbs.)
Standard AirBand™ – Aluminum Housing; 1/4" NPT ID Air Connection; 3/8" Air Hose					
5 6003 0011	4 3/4" OD / 4 1/2" x 4 3/4"	20 CFM	2.2-3.3*	21 1/2"	14
5 6093 0010	4" OD / 4" x 4"	19 CFM	5.75	25"	17*
Deep Throat™ AirBand – Stainless Steel housing; 1/2" NPT ID Air Connection; 1/2" Air Hose					
5 6031 0010 N	7" OD / 7" x 7"	43 CFM	4.0-4.9*	28 3/4"	28
Wide Mouth™ AirBand – Stainless Steel housing; 1/2" NPT ID Air Connection; 1/2" Air Hose					
5 6062 0010	7" OD / 7" x 9 1/4"	43 CFM	4.0-4.9*	31"	35

5 6093 0010 model weight is only of the saw, weight is 48 lbs with stationary cutting table and vise.

Hydraulic Band Saws

1.6 HP; Oil Flow: 4 GPM @ 2000 PSI; 1/2" FF (HTMA) Couplings

Model No.	Cutting Capacity	Blade Speed (ft/sec)	Overall Length	Wt. (lbs.)
Standard – Stainless Steel housing				
5 6043 0010	4" OD / 4" x 4"	4.2	22"	23
Deep Throat™ – Stainless Steel housing				
5 6041 0010	7" OD / 7" x 7"	4.2	28 3/4"	30
Wide Mouth™ – Stainless Steel housing				
5 6054 0010	7" OD / 7" x 9 1/2"	4.2	33"	36

Hydraulic Band Saws



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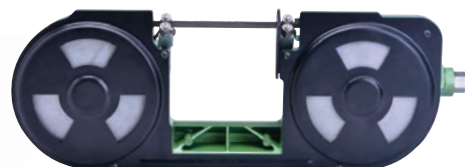


Standard:
Cut 4" round or 4" x 4"

Deep Throat™:
Cut 7" round or 7" x 7"

Wide Mouth™:
Cut 8" round or 9" x 8 1/2"

**Optional blade guards available
for CS Unitec Band Saws
P/N 1 1022 0196**



Portable Band Saw Blades and Accessories

M42 Cobalt Steel SuperBand™ Saw Blades

Blades for Models 5 6093 0010 (3/pk.)

Exact blade dimensions: 1335mm L x 13mm W x .65mm T

No. 9 2506 0690	24 TPI	Cuts material 1/8" - 1/4" thick
No. 9 2506 0680	18 TPI	Cuts material 3/16" - 1/2" thick
No. 9 2506 0660	10/14 TPI*	Cuts material 3/16" - 1/2" thick
No. 9 2506 0650	8/12 TPI*	Cuts material 1/2" and thicker



Blades for Model 5 6003 0011 and 5 6043 0010 (per pc.)

Blade dimensions: 44 7/8" L x 1/2" W x .025" T

No. 9 2506 0010	18 TPI	Cuts material 1/8" - 1/4" thick
No. 9 2506 0020	14 TPI	Cuts material 3/16" - 1/2" thick
No. 9 2506 0030	10/14 TPI*	Cuts material 3/16" - 1/2" thick
No. 9 2506 0040	8/12 TPI*	Cuts material 1/2" and thicker



Deep Throat™ Blades (Models 5 6031 0010, 5 6078 0010-220 and 5 6041 0010) (per pc.)

Blade dimensions: 66" L x 5/8" W x .025" T

No. 9 2506 0220	14 TPI	Cuts material 3/16" - 1/2" thick
No. 9 2506 0230	10/14 TPI*	Cuts material 3/16" - 1/2" thick
No. 9 2506 0240	8/12 TPI*	Cuts material 1/2" and thicker
No. 9 2506 0200	8 TPI	Cuts material 3/4" and thicker



Wide Mouth™ Blades (Model Nos. 5 6062 0010, 5 6079 0020-220 and 5 6054 0010) (per pc.)

Blade dimensions: 71" L x 5/8" W x .025" T

No. 9 2506 0350	10/14 TPI*	Cuts material 3/16" - 1/2" thick
No. 9 2506 0340	8/12 TPI	Cuts material 1/2" and thicker
No. 9 2506 0330	6/10 TPI	Cuts material 3/4" and thicker



* 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

Clamp-on vise for 4-3/4" Band Saws

Model No. 5 6030 9000

(for saw 5 6043 0010)

Max. material size – rounds: 4 3/4"; squares: 4 1/2"; angles: 4 1/2"

Clamp-on vise for 7" Deep Throat™ Band Saws

Model No. 5 6031 9400

(for saw 5 6031 0010, 5 6078 0010-220 and 5 6041 0010)

Max. material size – rounds: 7"; squares: 5"; angles: 5"



Power Hacksaws Air • Electric • Hydraulic



Cold cutting of large pipe up to 30" diameter and structural steel – on site

Ideal for a wide range of industries, including refineries, chemical plants, utilities, construction, offshore oil, mining, marine and demolition

- Cold cutting of large pipe, structural steel, tanks, profiles and more
- Compact size for cutting in confined spaces

Model 5 1212 0050

AIR



Model 5 1215 0070

ELECTRIC



Model 5 1220 0050

HYDRAULIC



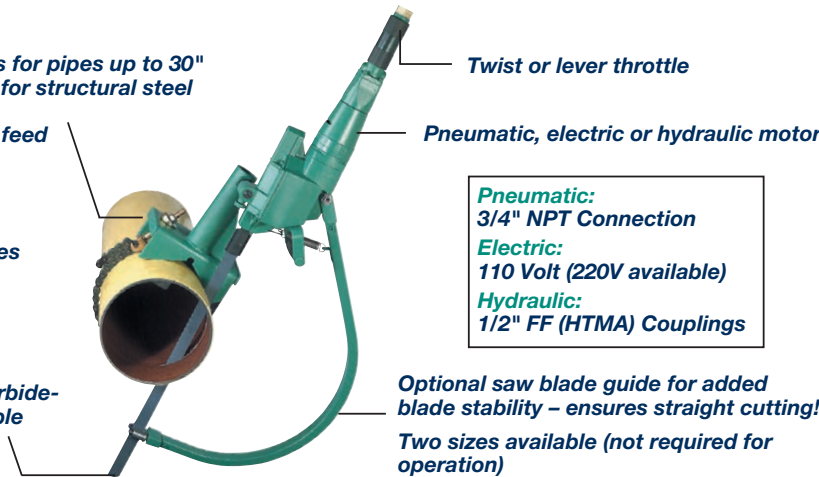
Model No.	Power	Throttle	Motor Specifications (90 PSI)	Strokes per Min.	Blade Stroke	Hose	Wt. (lbs.)
Pneumatic – 3/4" ID NPT Air Connection							
5 1212 0010	1.5 HP	Roll	Air Consumption: 51 CFM	100-350	2 ³ / ₈ "	1/2"	16.5
5 1212 0050	1.5 HP	Lever		100-350	2 ³ / ₈ "	1/2"	16.5
5 1212 0050A	1.5 HP	Lever		II2GExhIIBT5Gb	100-350	2 ³ / ₈ "	1/2"
Electric – 11 Amps / 110 Volt (Also available as 220 Volt/50 Hz)							
5 1215 0070	1.5 HP	Trigger	110V/60 Hz	60-500	2 ³ / ₈ "	Cable	16.5
Hydraulic – 1/2" FF (HTMA) Couplings							
5 1230 0050	3.8 HP	Lever	Oil Flow: 4 GPM at 2000 PSI	100-500	2 ³ / ₈ "	1/2" ID	24.2

Assorted pipe clamps for pipes up to 30" OD or profile clamps for structural steel

Manual or automatic feed

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

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



Metal carrying case available P/N 9 9910 0080

Throttle Types for Pneumatic Saws:



Roll Throttle
(air model 5 1212 0010)
used only with automatic feed clamps

Lever Throttle
(model 5 1212 0050)
on/off for manual clamps

Hacksaw Clamps and Blade Guides

Model No.	Cutting Diameter	Description
5 1207 9910	2" to 6"	Pipe Clamp
5 1202 9960	4" to 12 ³ / ₄ "*	Pipe Clamp
5 1207 9970	Up to 13" OD	Blade Guide
5 1207 8910	Up to 21" OD	Blade Guide
5 1202 8970	21 ⁵ / ₈ " x 11 ³ / ₈ "	Profile Clamp
5 1208 9980	Up to 12 ³ / ₄ "*	Automatic - Self-feeding Clamp (for pneumatic saws)
5 1208 9990	Up to 12 ³ / ₄ "*	Automatic - Self-feeding (for electric and hydraulic saws)



Model 5 1202 9960 Pipe Clamp for 4" to 12³/₄" dia.*



Model 5 1208 9980 Self-feeding Pipe Clamp for up to 12³/₄" dia. pneumatic saws*



Model 5 1208 9990 Self-feeding Pipe Clamp for up to 12³/₄" dia. electric and hydraulic saws*

* Cut up to 30" OD with two extension chains (order 2x P/N 5 1201 9030)

NEW! FAST CUT Hacksaw Blades

UP TO 60% FASTER THAN STANDARD BLADES!

Order No.	Length	Teeth/Inch	Thickness	Material	Max. Dia. of Cut
Z23-33 HSS	18"	6-8	5/64"	Cast Iron, Aluminum, Plastic	12 ³ / ₄ "
Z23-33 HSS-SL*	18"	6-8	5/64"	Cast Iron, Aluminum, Plastic	12 ³ / ₄ "
Z23-29 HSS	18"	8	5/64"	Cast Iron, Aluminum, Plastic	12 ³ / ₄ "
Z23-29 HSS-SL*	18"	8	5/64"	Cast Iron, Aluminum, Plastic	12 ³ / ₄ "
Z23-7 HSS	18"	14	5/64"	Steel	12 ³ / ₄ "
Z23-7 HSS-SL*	18"	14	5/64"	Stainless Steel	12 ³ / ₄ "
Z23-72 HSS	22"	6-8	5/64"	Cast Iron, Aluminum, Plastic	16 ³ / ₄ "
Z23-72 HSS-SL*	22"	6-8	5/64"	Cast Iron, Aluminum, Plastic	16 ³ / ₄ "
Z23-30 HSS	22"	8	5/64"	Cast Iron, Aluminum, Plastic	16 ³ / ₄ "
Z23-30 HSS-SL*	22"	8	5/64"	Cast Iron, Aluminum, Plastic	16 ³ / ₄ "
Z23-73 HSS	22"	14	5/64"	Steel	16 ³ / ₄ "
Z23-73 HSS-SL*	22"	14	5/64"	Stainless Steel	16 ³ / ₄ "
Z23-45 HSS	26"	6-8	5/64"	Cast Iron, Aluminum, Plastic	20 ³ / ₄ "
Z23-45 HSS-SL*	26"	6-8	5/64"	Cast Iron, Aluminum, Plastic	20 ³ / ₄ "
Z23-74 HSS	26"	8	5/64"	Cast Iron, Aluminum, Plastic	20 ³ / ₄ "
Z23-74 HSS-SL*	26"	8	5/64"	Cast Iron, Aluminum, Plastic	20 ³ / ₄ "
Z23-79 HSS	26"	14	5/64"	Steel	20 ³ / ₄ "
Z23-79 HSS-SL*	26"	14	5/64"	Stainless Steel	20 ³ / ₄ "
Z23-76 HSS	30"	6-8	5/64"	Cast Iron, Aluminum, Plastic	24 ³ / ₄ "
Z23-76 HSS-SL*	30"	6-8	5/64"	Cast Iron, Aluminum, Plastic	24 ³ / ₄ "
Z23-78 HSS	30"	8	5/64"	Cast Iron, Aluminum, Plastic	24 ³ / ₄ "
Z23-78 HSS-SL*	30"	8	5/64"	Cast Iron, Aluminum, Plastic	24 ³ / ₄ "
Z23-75 HSS	30"	14	5/64"	Steel	24 ³ / ₄ "
Z23-75 HSS-SL*	30"	14	5/64"	Stainless Steel	24 ³ / ₄ "
Z23-37 HSS	37"	14	5/64"	Steel	31 ³ / ₄ "
Z23-37 HSS-SL*	37"	14	5/64"	Stainless Steel	31 ³ / ₄ "

Heavy Duty Hacksaw Blades

Order No.	Length	Teeth/Inch	Thickness	Material	Max. Dia. of Cut
Z22-9 HSS	8"	8	1/16"	Steel/Aluminum	3 ¹ / ₈ "
Z22-10 HSS	8"	16	1/16"	Steel	3 ¹ / ₈ "
Z22-11 HSS	8"	24	1/16"	Sheet Metal	3 ¹ / ₈ "
Z22-6 HSS	12"	16	1/16"	Steel	6 ⁵ / ₈ "
Z22-6 HSS-SL*	12"	16	1/16"	Stainless Steel	6 ⁵ / ₈ "
Z22-31 HSS	12"	12	1/16"	Steel	6 ⁵ / ₈ "
Z22-7 HSS	16"	16	1/16"	Steel	10 ⁵ / ₈ "
Z22-29 HSS	16"	8	1/16"	Steel/Aluminum	10 ⁵ / ₈ "
Z22-33 HSS	16"	6	1/16"	Cast Iron	10 ⁵ / ₈ "
Z22-72 HSS	20"	14	5/64"	Steel	14 ⁵ / ₈ "
Z22-30 HSS	21"	12	1/16"	Steel	15 ⁵ / ₈ "
Z22-30 HSS-SL*	21"	12	1/16"	Stainless Steel	15 ⁵ / ₈ "
Z22-73 HSS	24"	14	5/64"	Steel	18 ¹ / ₂ "
Z22-74 HSS	24"	8	5/64"	Steel/Aluminum	18 ¹ / ₂ "
Z22-75 HSS	30"	12	5/64"	Steel	24 ⁷ / ₈ "
Z22-75 HSS-SL*	30"	12	5/64"	Stainless Steel	24 ⁷ / ₈ "
Z22-76 HSS	30"	6	5/64"	Cast Iron	24 ⁷ / ₈ "
Z22-37 HSS	37"	12	5/64"	Steel	31 ⁷ / ₈ "

* Use HSS-SL Blades for best cutting performance on stainless steel and hard metal. Blades for plastic, wood and masonry also available.

Pipe Cutting Machines Air • Hydraulic



ATEX Certified

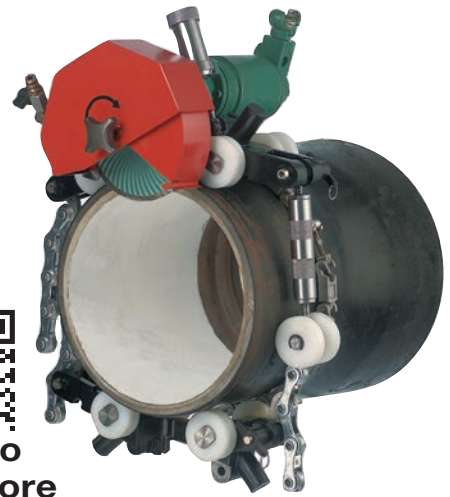
Cut pipe up to 63" dia. with wall thickness up to 2"

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

- Heavy-duty, versatile air and hydraulic pipe cutting machines
- Cut pipe quickly from 6" to 63" dia. with wall thicknesses from 1/4" to 2"
- Use on steel, ductile iron, nonferrous metal, HDPE, plastic, concrete pipe and more
- Cut pipe underground with minimal excavation
- 7" blade with adjustable cutting depth and fully enclosed blade guard
- Machine is manually guided with hand lever feed to make a 360° cut in pipe at 90 degrees
- Guide chain is adjustable by adding and removing chain links
- ATEX certified for use in Ex Zones (ATEX II 2G Ex h IIB T6 Gb)



Scan to
Learn More



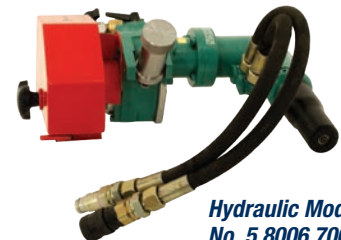
PIPE CUTTING MACHINES



*Pneumatic Model
No. 5 8010 0050*

Features include:

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



*Hydraulic Model
No. 5 8006 7000*

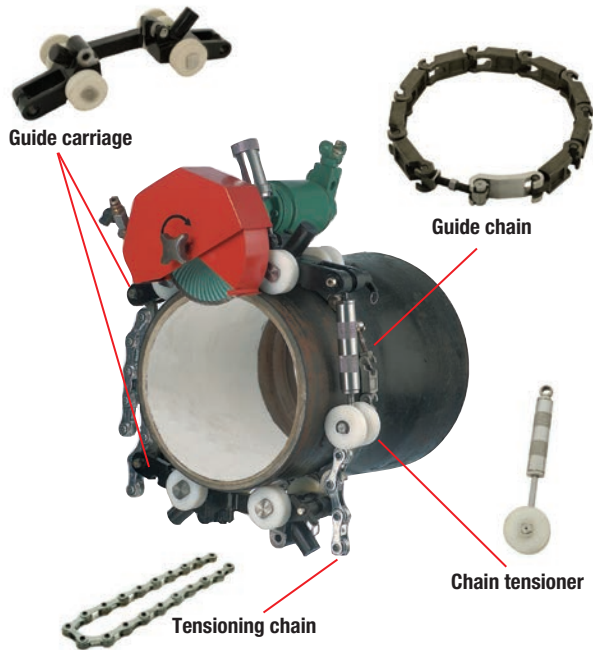
When ordering, specify pipe diameter and application for assistance with determining required blade, feed handle, guide carriage & chain and tensioning chain & tensioner.

Model Number	Power	Blade Arbor	Motor Specifications	Speed (RPM)	Blade Dia.	Hose Connection	Weight (lbs.)
Pneumatic Motor							
5 8002 7000	2.4 HP	7/8"	77 CFM @ 90 PSI	350/1800	7"	1/2" NPT	28
5 8010 0050	3.4 HP	7/8"	106 CFM @ 90 PSI	1800	7"	3/4" NPT	28
Hydraulic Motor							
5 8006 7000	3 HP	7/8"	6-13 Gallons @ 2000 PSI	350/1800	7"	1/2" FF (HTMA)	28

Pipe Cutting Machine

Pipe Cutting Machine Kits		
For Pipe Diameters	Pneumatic Kit Part No.	Hydraulic Kit Part No.
6" to 16" (150-400mm)	5 8010 16PK	5 8006 16HK
6" to 32" (150-800mm)	5 8010 32PK	5 8006 32HK
6" to 63" (150-1600mm)	5 8010 63PK	5 8006 63HK

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



Pneumatic Kits



Select Appropriate Kit Based on Pipe Diameter
For cutting pipe with diameter greater than 63", please contact CS Unitec for help identifying necessary components.

6" to 16" (150-400mm)	6" to 32" (150-800mm)	6" to 63" (150-1600mm)
Kit 5 8010 16PK	Kit 5 8010 32PK	Kit 5 8010 63PK
(1) Drive Unit P/N 5 8010 0050	(1) Drive Unit P/N 5 8010 0050	(1) Drive Unit P/N 5 8010 0050
(1) Guide Carriage, small P/N 5 8010 8090	(1) Guide Carriage, small P/N 5 8010 8090	(2) Guide Carriage, small P/N 5 8010 8090
(1) Chain Tensioner, small PN 5 8003 8300	(1) Chain Tensioner, small PN 5 8003 8300	(1) Chain Tensioner, small PN 5 8003 8300
(1) Guide Chain, 16" OD (24 chain links) P/N 5 8002 8760	(1) Guide Carriage, large P/N 5 8010 8100	(2) Guide Carriage, large P/N 5 8010 8100
(1) 7" Dia. Carbide-tipped blade P/N 9 2503 0120	(1) Chain Tensioner, large P/N 5 8002 8400	(2) Chain Tensioner, large P/N 5 8002 8400
(1) 7" Dia. Diamond blade P/N 9 2503 0100	(1) Tensioning Chain P/N 5 8002 8710	(2) Tensioning Chain P/N 5 8002 8710
(1) Tool Kit P/N 5 8002 9200	(1) Guide Chain, 32" OD (46 chain links) P/N 5 8002 8780	(1) Guide Chain, 63" OD (90 chain links) P/N 5 8002 8830
(1) Steel Transport Box P/N 5 8002 9300	(1) 7" Dia. Carbide-tipped blade P/N 9 2503 0120	(1) 7" Dia. Carbide-tipped blade P/N 9 2503 0120
	(1) 7" Dia. Diamond blade P/N 9 2503 0100	(1) 7" Dia. Diamond blade P/N 9 2503 0100
	(1) Tool Kit P/N 5 8002 9200	(1) Tool Kit P/N 5 8002 9200
	(1) Steel Transport Box P/N 5 8002 9300	(1) Steel Transport Box P/N 5 8002 9300

Guide Chain

All guide chains include tightener

Part No.	Description
5 8002 8760	24 chain links
5 8002 8770	35 chain links
5 8002 8780	46 chain links
5 8002 8810	57 chain links
5 8002 8790	68 chain links
5 8002 8820	79 chain links
5 8002 8830	90 chain links

	Chain Link Part No. 5 8001 8750 (Length: 2-1/4")
	Chain Link Set (5 connected links) Part No. 5 8001 8860 (Length: 11-1/4")
	Tightener – Part No. 5 8002 6800

Tensioning Chain

Small Chain Tensioner
Part No. 5 8003 8300



Large Chain Tensioner
Part No. 5 8002 8400

Tensioning Chain
Length: 37-3/8" (950mm)
Part No. 5 8002 8710



Guide Carriages



Small Guide Carriage – Part No. 5 8010 8090

Large Guide Carriage – Part No. 5 8010 8100

Feeding Pipe – Part No. 5 8002 9500

7" Saw Blades – for 2" max. cutting depth

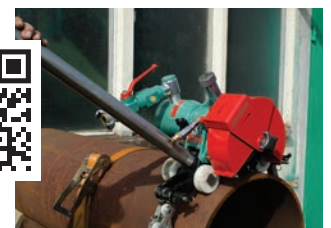


Carbide-Tipped Blade
Part No. 9 2503 0120
For steel, stainless steel (min. 1/4" wall thickness), plastics, HDPE and PVC
6-1/4" also available for 6" OD pipe cutting
P/N 9 2503 0090



Diamond Blade
Part No. 9 2503 0100
For cast iron, ductile iron, cement, concrete and clay
6" also available for 6" OD pipe cutting
P/N 9 2503 0050

View a demonstration of our versatile pipe cutting machine:



Nibblers

Cut Steel Up To 3/8" Thick

- Fast cutting without feed force, distortion or sparks.
- Reduced fatigue and ergonomic fitment
- Easily rotate the direction of cut up to 360°
- Clear view of the work surface
- Heavy-duty punches for cutting steel and more!
- Cut over 90 degree bends with optional die accessory
- Two speed models available for faster cutting!

Ideal for wide range of applications from cutting sheet metal, steel plate, weldments, I-beam, tanks, double sheets & more



Model Number	Power	RPM	Working Speed (ft/Min)	Start Hole Dia.	Min. Radius	Max Material Thickness Steel / Stainless / Aluminum	Weight (lbs.)
CS-350-E	12 Amp,	0-650	4	1.25"	0.28"	0.135" / 0.09" / 0.135"	7.5
CS-500-E	12 Amp, 110 V	0-600	4.5	1.25"	3.125"	0.197" / 0.135" / 0.276"	8.5
CS-700-E	17 Amp, 110 V	400	5	2.75"	5.5"	0.276" / 0.197" / 0.394"	26
CS-3400-E	17 Amp, 110 V	230/370	5.2	3"	16"	0.375" / 0.276" / 0.5"	32