

CUTTERS & CUTTER WHEELS

SECTION

1

Cutter Wheels

Quick Release™ Tubing Cutters

Tubing Cutters

Tubing Cutters for Stainless Steel

Telescoping Tubing Cutters

Mini Tubing Cutters

C Cutters

Repair Kits

2" Pipe Cutters

Deburring Tools

Soil Pipe Cutters

Saw It® Pneumatic Saw

Power Hack Saw Blades

Universal Pipe Cutters

Filter-Regulator-Lubricator

Hinged Cutters™

Hinged Cutters™ with Helper Handle

Low Clearance Rotary™ Cutters **NEW**

Rotary™ Cutters

Pipe Descalers

Pipe Reamer

Ti SALES

36 Hudson Rd
Sudbury MA 01776



800-225-4616
www.tisales.com

Hinged Cutters™ are a Reed invention and remain an excellent tool for manual cuts on steel, stainless steel, ductile and cast iron. Handle swing is 90° to 110° with just 4 inch clearance on the back side of the pipe.



PIPE TOOLS & VISES
SINCE 1896

QUICK RELEASE™ TUBING CUTTERS

FEATURES

- Quick Release™ is a **Reed invention** and still the industry standard.
- Features include quick release, quick advance and manual advance, along with the **ball detent wheel pin**.
- **Built-in reamer** and spare cutter wheel in the knob on TC1Q, TC1.6Q and TC2Q.
- Simple cutter wheel change permits use on a wide variety of pipe/tubing types.

Quick Release™ Tubing Cutters are the best tracking, easiest cutting tubing cutters available. Cut copper, aluminum, light wall steel and stainless steel tubing. With alternate wheels they will cut a wide variety of plastic pipe and tubing. Reed also offers the R2558 wheel for muffler systems tubing. **TC1Q, TC1.6Q and TC2Q** sliding bars are die-cast zinc aluminum for great strength. These three sizes also feature a built-in reamer and spare cutter wheel in the knob. Long-proven **TC3Q** and larger models with steel sliding bars withstand professional workloads over the long haul.

Catalog No.	Item Code	O.D. Capacity		Length		Weight		Wheel
		actual O.D. in	actual O.D. mm	in	mm	lbs	kg	
TC1Q*	03410	1/8 - 1 5/16	3 - 33	6	152	0.6	0.3	0
TC1.6Q*	03416	1/4 - 1 5/8	6 - 42	6.5	165	0.8	0.4	0
TC2Q*	03420	1/4 - 2 5/8	6 - 67	8	203	1.2	0.5	0
TC3Q	03430	3/8 - 3 1/2	10 - 90	11	279	2.5	1.1	30-40
TC3Q2558	03439	3/8 - 3 1/2	10 - 90	11	279	2.5	1.1	R2558
TC4Q	03440	1 7/8 - 4 1/2	48 - 114	12	305	2.8	1.3	30-40
TC5Q2558	03459	2 1/2 - 5	63 - 125	13	330	3.0	1.4	R2558
TC6Q	03460	4 - 6 5/8	102 - 168	15	381	3.9	1.8	30-40
TC6Q2558	03469	4 - 6 5/8	102 - 168	15	381	3.9	1.8	R2558
TC8Q	04158	6 1/4 - 10	159 - 254	26	660	8.0	3.6	30-40

*Spare "O" Cutter Wheel in knob.

CUTTER WHEELS ON P. 7 - 9

QUICK RELEASE™ CUTTERS FOR PLASTIC ON P. 25



WHY REED?
Quick Release™ cutter is a Reed invention and still the industry standard! First used by Reed, the ball detent wheel pin makes cutter wheel change easy. No other cutter on the market tracks or cuts as fast.

TUBING CUTTERS

FEATURES

- **Large, ergonomic grip knob** for hand comfort during use.
- **Internal reamer** in T10 and T15 grip knob for operator convenience.
- For lighter weight, T20 features aluminum construction.

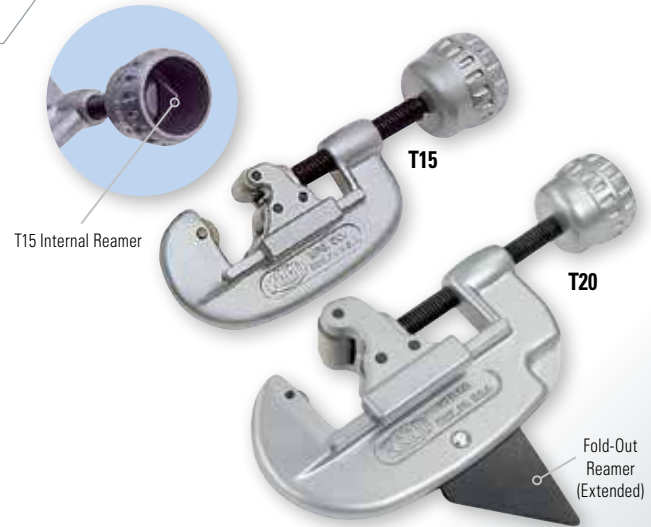
Tubing cutters are a simple, durable design. Each has a screw feed with a large grip knob to make it easier to tighten the cutter. **T10** and **T15** are zinc alloy construction with a built-in reamer for convenient cutting then deburring. **T20** is larger but light due to its aluminum construction. It features a fold-out reamer. Wide rollers on all three models yield a square cut while thin cutter wheel profile ensures a quick, clean cut.

Catalog No.	Item Code	O.D. Capacity		Weight		Cutter Wheel**		
		actual O.D. in	actual O.D. mm	lbs	kg	Copper	PE	PVC
T10	03483	1/8 - 1	3 - 25	0.9	0.4	0	OP2	1 - 2PVC
T15	03485	3/16 - 1 1/4	4 - 32	1.3	0.6	0	OP2	1 - 2PVC
T20*	03487	5/8 - 2 1/8	15 - 54	1.5	0.7	0	OP2	1 - 2PVC

**Ships with wheel for copper. To cut PE or PVC pipe, order recommended cutter wheel separately.

*AWWA Approved for Tapping Contest.

CUTTER WHEELS ON P. 7 - 9



TUBING CUTTERS FOR STAINLESS STEEL

FEATURES

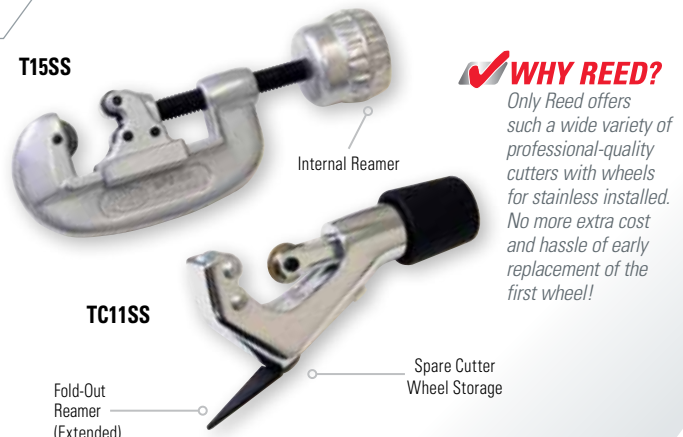
- **Specialized** steel cutter wheels are **designed** for toughness and heat dissipation.
- **Ergonomic** grip knob on T10SS, T15SS and T20SS cutters.
- Telescoping TC11SS is a great choice for **tight spaces**.

Reed "SS" tubing cutters are equipped with special cutter wheels for stainless steel to yield optimal cutting and long service life. **T10SS, T15SS and T20SS** feature a large knob for firm grip and easy turning and tightening. The T10SS and T15SS have a reamer built into the grip knob while the **TC11SS** and the T20SS include a fold-out reamer.

Catalog No.	Item Code	O.D. Capacity		Cutter Wheel	Weight	
		actual O.D. in	actual O.D. mm		lbs	kg
T10SS	03476	1/8 - 1	3 - 25	OSS	0.9	0.4
T15SS	03477	3/16 - 1 1/4	4 - 32	OSS	1.4	0.6
T20SS	03479	5/8 - 2 1/8	15 - 54	OSS	1.5	0.7
TC11SS*	03481	1/8 - 1 1/8	3 - 28	75046*	0.7	0.3

*Includes spare cutter wheel.

CUTTER WHEELS ON P. 7 - 9



WHY REED?
Only Reed offers such a wide variety of professional-quality cutters with wheels for stainless installed. No more extra cost and hassle of early replacement of the first wheel!

TELESCOPING TUBING CUTTERS

FEATURES

- Great choice for **tight spaces**, where more than a mini cutter is needed.
- Grooved roller permits close-to-flare cuts.
- **Easily cut** copper, brass, aluminum or steel tubing.

Telescoping Tubing Cutters are a good choice for tight spaces as their feed screw telescopes to advance the cutter wheel to the pipe. This means the cutters remain a consistent size throughout the cut and do not require extra space. **TC11** with strong, aluminum alloy body and nickel-chrome finish, makes a clean, square cut. Cutter has telescoping feed screw, fold-out reamer, grooved rollers and a spare cutting wheel. **TC14** telescoping tubing cutters move smoothly and offer a pencil reamer. TC14 features a spare cutter wheel.

Catalog No.	Item Code	O.D. Capacity		Weight		Cutter Wheel**	Heavy-Duty Wheel
		actual O.D. in	actual O.D. mm	lbs	kg		
TC11	03480	1/8 - 1 1/8	3 - 28	0.7	0.3	75015	75046
TC14*	03475	1/4 - 1 3/8	6 - 35	1.1	0.5	73505	73515

*Reamer replacement blade #94437 (10 pk) or #03473 (single).

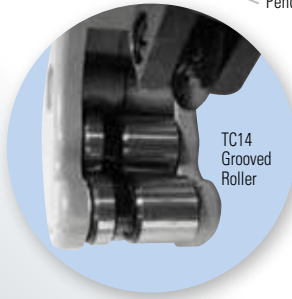
**Ships with regular wheel. Order heavy-duty wheels separately.

CUTTER WHEELS ON P. 7 - 9

TC14



TC11



TC14 Grooved Roller

MINI TUBING CUTTERS

FEATURES

- For use in **extremely tight places** due to minimal swing needed.
- Smooth, rounded body contour for **comfortable grip**.

Mini cutters can be used on copper, steel, stainless steel and aluminum tubing in confined spaces. **MC2**, **MC2GRIP** and **MC3** have zinc die castings for long service life and are painted with durable silver epoxy for corrosion protection. Large high-torque knobs on the MC2GRIP and MC3 provide easy feeding. **MC1** needs only 1 1/4" radial clearance, features smallest cutting diameter in the industry and uses a fine screw thread for easy tightening.

Catalog No.	Item Code	O.D. Capacity		Weight		Cutter Wheel	Cutter Swing Inches
		actual O.D. in	actual O.D. mm	lbs	kg		
MC1	03470	1/8 - 5/8	3 - 15	0.2	0.1	32633	1 1/4
MC2	03490	1/8 - 15/16	3 - 24	0.3	0.1	345T	1 11/16
MC2GRIP	03493	1/8 - 15/16	3 - 24	0.4	0.2	345T	1 11/16
MC3	03495	1/8 - 1 1/8	3 - 28	0.4	0.2	73505	1 7/8

CUTTER WHEELS ON P. 7 - 9



WHY REED?

MC2 is heavy-duty – the strongest mini cutter available. MC2GRIP includes a larger, high-torque feed. Larger, deeply knurled knob allows easier tightening.

C CUTTERS

FEATURES

- Compact c-shape means **no handle swing** space is required.
- The **spring-loaded cutter** self-feeds on copper and CTS CPVC.

Everyone needs a handy cutter (or two) like Reed's C Cutter. This easy-to-grip cutter easily snaps on to copper tubing for a quick, clean cut. Just turn the cutter in the direction of the arrow and the cut will be complete in seconds. Consistent pressure is maintained as the tool is turned around the tubing. Each cutter fits just one popular size of copper tubing.

Catalog No.	Item Code	Pipe Diameter		Weight		Application
		in-nom.	actual O.D. mm	lbs	kg	
TC50SLR*	03404	1/2	15.9	0.5	0.2	Copper K, L & M; CTS CPVC
TC50SL	03405	1/2	15.9	0.5	0.2	Copper L & M; CTS CPVC
TC75SLR*	03406	3/4	22.2	0.5	0.2	Copper K, L & M; CTS CPVC
TC75SL	03407	3/4	22.2	0.5	0.2	Copper L & M; CTS CPVC
TC1SLR*	03408	1	28.6	0.6	0.3	Copper K, L & M; CTS CPVC
TC1SL	03409	1	28.6	0.6	0.3	Copper L & M; CTS CPVC

*EXCLUSIVE FEATURE

NOTE: SLRCW is the only replacement cutter wheel for C Cutters. Installed in the SLR models and suited for all C Cutters, it is Reed cutter wheel quality for Copper K, L & M and CTS CPVC.



TC75SL

EXCLUSIVE FEATURE



PIPE TOOLS & VISES
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REPAIR KITS

FEATURES

- Great choice for distributor repair counters or contractor maintenance departments.

Simple field repairs can be handled with **1-2 PARTS** and **3-4-6 PARTS** kits which are plastic bags containing the most popular parts for Quick Release™ Cutters. Common spare parts for T10, T15 and T20 cutters are contained in **T10-T15-T20 PARTS** kit. **RPR KIT** in sectioned toolbox includes a wide variety of Quick Release™ and other tubing cutter parts, along with blades for shears for plastic.

Catalog No.	Item Code	Weight	
		lbs	kg
1-2 PARTS	03009	2.2 oz	0.1
3-4-6 PARTS	03010	3.3 oz	0.1
RPR KIT	03011	5.5 lbs	2.5
T10-T15-T20 PARTS	03014	3.0 oz	0.1

Repair cutters on-site for less lost time!

1-2 PARTS

RPR KIT

3-4-6 PARTS

2" PIPE CUTTERS

FEATURES

- **Short handle** allows for work in close quarters.
- The wide rollers help **create square cuts**.
- **Clean, easy cuts** on steel, stainless steel or cast iron pipe.
- Leaves **no burr**, which is great for threading jobs.

Reed offers a variety of pipe cutters, both with and without guides. Standard cutters without guides feature strong malleable iron frames. These cutters work on steel, stainless steel or cast iron pipe, depending on the installed cutter wheels. The thin profile, sharp cutter wheels allow shorter handles for work in smaller spaces. The **2-3** pipe cutter with three wheels (and no rollers) means more cutting surface and less handle swing. Exclusive guide bars on **2-4WG** are the best way to get a square cut on pipe since the bars hold the cutter square to the pipe during the cutting process. Guide bars also help secure the cutter to smooth stainless steel and corroded pipe.

Catalog No.	Item Code	Pipe Capacity		Style	Length		Weight		Cutter Wheel*
		in-nom.	O.D. mm		in	mm	lbs	kg	
2-3	03305	1/8 - 2	10 - 63	3 Wheel	15.8	400	6.8	3.1	2RBS
2-1	03320	1/8 - 2	10 - 63	1 Wheel	15.8	400	6.9	3.1	2RBS
2-4	03335	1/2 - 2	21 - 63	4 Wheel	14.3	362	6.8	3.1	2RBS
2-4WG*	03338	1/2 - 2	21 - 63	4 Wheel with Guides	14.3	362	7.2	3.3	2RBS

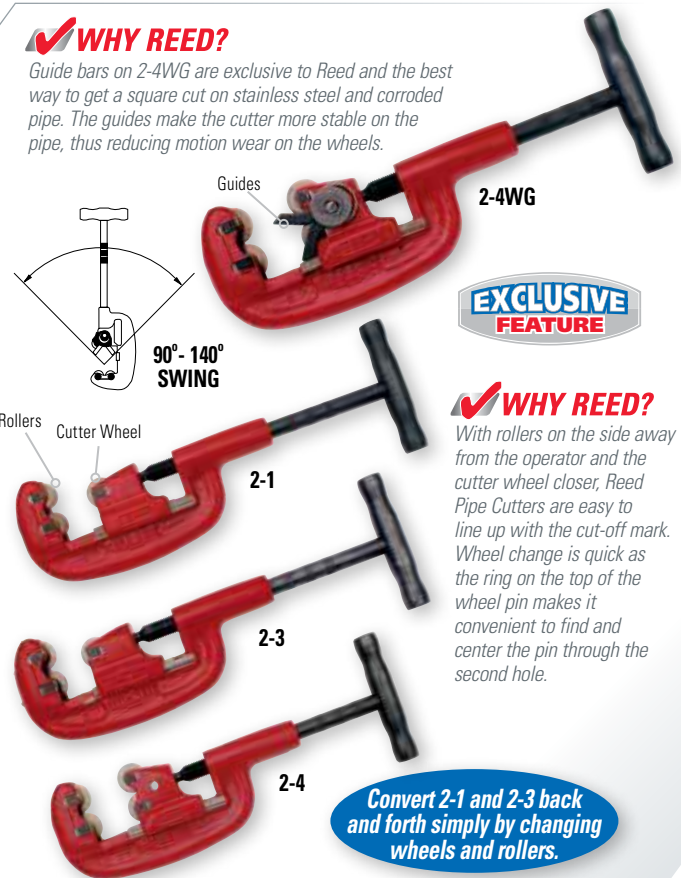
*EXCLUSIVE

*2RBC1 wheels available for cast iron. 2RBHD heavy-duty wheels available for steel and stainless steel. CUTTER WHEELS ON P. 7 - 9

NOTE: To cut easy and fast, Pipe Cutters use Reed's thin profile, high quality tool steel cutter wheels.

✓ WHY REED?

Guide bars on 2-4WG are exclusive to Reed and the best way to get a square cut on stainless steel and corroded pipe. The guides make the cutter more stable on the pipe, thus reducing motion wear on the wheels.



EXCLUSIVE FEATURE

✓ WHY REED?

With rollers on the side away from the operator and the cutter wheel closer, Reed Pipe Cutters are easy to line up with the cut-off mark. Wheel change is quick as the ring on the top of the wheel pin makes it convenient to find and center the pin through the second hole.

Convert 2-1 and 2-3 back and forth simply by changing wheels and rollers.

DEBURRING TOOLS

FEATURES

- Long-lasting, hardened tool steel deburring blade.

Eliminate internal burrs in copper, steel and aluminum tubing. **DEB0** has an aluminum handle and handy pocket slip. **DEB3** has a plastic body and two spare blades store in its handle, giving this tool extra value. Both have unlimited pipe capacity.

Catalog No.	Item Code	Pipe Capacity	Weight	
			lbs	kg
DEB0	04434	unlimited	0.05	0.02
DEB3*	04437	unlimited	0.1	0.05

*Reamer replacement blade #94437 (10 pk) or #03473 (single).

DEBURRING TOOLS FOR PLASTIC ON P. 29

ADDITIONAL NEW METAL DEBURRING TOOL ON P. 2a



+ NEW Metal Deburring Tool, DEB200, on P. 2a.





SOIL PIPE CUTTERS

FEATURES

- Great for gray water applications.
- Reed **innovations** have improved upon the original cutter.
- Soil Pipe Cutters apply chain pressure to snap the pipe.
- **Captured screw** in SC49 assures proper alignment.

The fastest way to cut cast iron soil pipe, clay pipe and small diameter concrete pipe is with a chain pipe cutter. Reed's design provides stronger jaws and more durable adjusting screws compared to the competition. Some parts are even interchangeable.† Reed soil pipe cutters are available in a single stroke **SC59** model and a ratcheting **SC49** model for close quarter work. Multiple use 1/2" male ratchet wrench ships with SC49 models. No-Hub® Roller Kit is standard on all models.

For cutting ductile iron pipe, Reed recommends **HINGED CUTTERS™ ON P. 18** and **LOW CLEARANCE ROTARY™ CUTTERS ON P. 19**.

RATCHET

Catalog No.	Item Code	Pipe Capacity**		Length		Weight	
		in-nom.	actual O.D. mm	in	mm	lbs	kg
SC49-6*	08049	1 1/2 - 6	160	26	660	17.6	8.0
SC49-8*	08050	1 1/2 - 8	212	26	660	19.4	8.8
SC49-10*	08051	1 1/2 - 10	268	26	660	21.2	9.6
SC49-12*	08052	1 1/2 - 12	317	26	660	23.0	10.5
SC49-15*	08053	1 1/2 - 15	403	26	660	24.8	11.3

SINGLE STROKE

SC59-6	08059	1 1/2 - 6	160	43	1,092	23.8	10.8
SC59-8	08060	1 1/2 - 8	212	43	1,092	25.6	11.6
SC59-10	08061	1 1/2 - 10	268	43	1,092	27.4	12.5
SC59-12	08062	1 1/2 - 12	317	43	1,092	29.2	13.3
SC59-15	08063	1 1/2 - 15	403	43	1,092	31.0	14.1

*Male Ratchet Wrench (#40208) **included** with all SC49 cutters.

**Maximum Pipe Capacities (determined by maximum pressure applied):

- Extra heavy cast iron soil pipe 2-4" (62-125 mm)
- Service weight cast iron soil pipe 2-8" (62-212 mm)
- Concrete pipe 4-6" (125-160 mm)
- No-Hub® cast iron soil pipe 1 1/2"-8" (38-212 mm)
- Clay pipe 2-15" (62-403 mm)

Extension chains available to increase capacity of smaller cutters.

† NOTE: Jaw sets and cutter chains are interchangeable with Wheeler-Rex® models. Pressure Screw Assembly available offering heavy-duty replacement parts for current and prior Reed models, along with Wheeler-Rex® 490. Order #98046 for Reed SC49 models and Wheeler-Rex® 490 series; use #98047 for Reed SC59 models.

ACCESSORIES

Catalog No.	Item Code	Description
SCEXT	40336	10" Chain Extension with 8 Pitches at 1.25" per Pitch
TW516	02298	5/16" Torque Wrench
TW38	02300	3/8" Torque Wrench

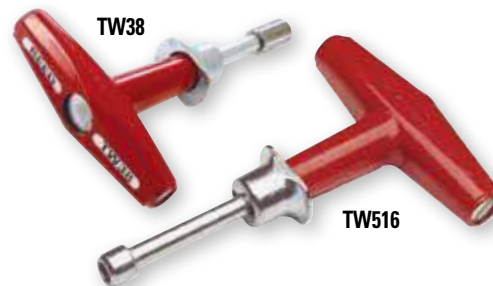
✓ WHY REED?

First introduced by Reed, the captured screw makes the SC49 close-quarter soil pipe cutters both easy to use and less costly. The screw does not have to be manipulated into place which reduces screw and cutter breakage.



1/2" Ratchet Wrench ships with all SC49 Cutters.

Captured Screw



TORQUE WRENCHES are featured in full ON P. 71
SCFR WRENCH ON P. 73





PIPE TOOLS & VISES
SINCE 1896

SAW IT® PNEUMATIC SAW

FEATURES

- Saw It® pneumatic saw is a good choice for plastic and steel cuts and a great cutting tool for **hard-to-reach places**.
- **Immediate shut down** when throttle is released.
- Saw It Vise and Saw It Blade Guides should be added for **extra stability**.

Saw It is a pneumatic powered reciprocating saw. Used with Power Hack Saw Blades (sold separately), Saw It cuts steel, stainless steel, PVC (including C900), PE and PP. As a safety feature, a trigger lock prevents accidental "on" if the trigger is bumped or pressed unintentionally. Saw It needs 6" clearance beyond the pipe to accommodate blade movement. The Saw It must have a means to hold it in place and the recommended **Saw It Vise** (sold separately) provides stability and safety for the cut. Optional **Blade Guides** provide directional guidance for the saw and greatly reduce blade wobble.

Maximum capacity is blade and blade guide dependent. Saw It cuts up to 24" diameter pipe when used with the Saw It Vise and a 12" chain extension. Saw It cuts up to 20" (500 mm) diameter pipe when used with recommended SAWITBG30 blade guide. Pneumatic saws are less likely to ignite materials than gas-powered saws and even some electrical-powered saws. However, the Saw It is **not recommended** for gas lines.

Saw It Vise fits 4" - 12" diameter pipe. When a 6" or 12" chain extension is added, the vise capacity increases to 18" or 24" respectively.

Catalog No.	Item Code	Description	Capacity		Maximum Power	Air Consumption	Weight	
			in-nom.	mm-nom.			lbs	kg
SAWITSD2	07620	Saw It® with Safety Dead Man Switch	up to 24" max.	up to 610 max.	2.0 HP, 1.5 kW	50 cfm @ 90 psi 1.4 cu. m/min. @ 6.2 BAR	19.1	8.7

NOTE: Always use a filter-regulator-lubricator (FRL) with Reed pneumatic tools. Reed offers FRL #97591. **FILTER -REGULATOR -LUBRICATOR ON P. 17**
POWER HACK SAW BLADES sold separately.

ACCESSORIES

SAW IT® BLADE GUIDES

Catalog No.	Item Code	Fits	Capacity
SAWITBG21	04602	21" Long Blades	Up to 12" Pipe
SAWITBG30	04603	30" Long Blades	Up to 20" Pipe

SAW IT® VISE

Catalog No.	Item Code	Description	Capacity		Weight	
			in-nom.	actual O.D. mm	lbs	kg
SAWITVISE	04600	Vise with 42" Chain	4" - 12"	114 - 324	14.0	6.4

CHAIN EXTENSIONS FOR SAW IT® VISE

Item Code	Description
40628	6" Chain Extension Plus Pin
40629	12" Chain Extension Plus Pin

POWER HACK SAW BLADES

FEATURES

- Greater blade height for reduced deflection.
- Bi-metal construction for safety.
- Fit Saw It® Pneumatic Saws, along with saws by Widder®, Fein® and Spitznas®.

For speed, straightness of cut, long life and safety, these bi-metal blades are the best choice for the Reed Saw It® and heavy-duty power hack saws made by Widder®, Fein® and Spitznas®. The extra blade depth (1 3/8") and the Matrix® high-speed steel (HSS) cutting edge allow a straighter cut. Bi-metal blade construction reduces the tendency of solid HSS blades to shatter. Wavy set and high tooth hardness for longer life. Blades cut steel, stainless steel, copper, aluminum and harder plastics like PVC and ABS.

Catalog No.	Item Code	Teeth Per Inch	Length/Width/Thickness		Std. Pkg.
			in-nom.	mm	
Z814	04478	14	8 x 1 3/8 x .062	200 x 35 x 1.6	10
Z1014	04479	14	10 x 1 3/8 x .062	250 x 35 x 1.6	10
Z1214	04494	14	12 x 1 3/8 x .062	300 x 35 x 1.6	10
Z1614	04495	14	16 x 1 3/8 x .062	400 x 35 x 1.6	10
Z2114	04496	14	21 x 1 3/8 x .062	533 x 35 x 1.6	10
Z2414	04497	14	24 x 1 3/8 x .062	600 x 35 x 1.6	10
Z3014	04498	14	30 x 1 3/8 x .062	760 x 35 x 1.6	10
Z1608	04499	8	16 x 1 3/8 x .062	400 x 35 x 1.6	10
Z2108	04597	8	21 x 1 3/8 x .062	533 x 35 x 1.6	10

NOTE: Blade length should be at least 6" more than the O.D. of the pipe.

BEST EVER!



SAWITSD2 and SAWITVISE with SAWITBG21 and Z2114

WHY REED?

This saw is safer and cuts straighter than a gas-powered chop saw. The Saw It® Vise allows the saw to pivot straight into the pipe, giving the operator better control over the cut. Used together, this saw is EASY to handle.

ONLINE VIDEO TRAINING



Great for work on process piping with little clearance!



SAWITSD on steel with Z2114

14 TPI (teeth per inch) work best on at least 1/8" wall thickness. 8 TPI work best on walls at least 3/16" thick. Choose 8 teeth per inch for softer materials like plastic.



UPC cutting PE



UPC636A on ductile iron

UNIVERSAL PIPE CUTTERS

FEATURES

- Cut **large diameter** ductile or cast iron, clay, concrete, steel, PVC or PE pipe.
- Basic unit can be adapted to a **variety** of uses, depending on blade selected.
- **UPC836APE** and **UPC848APE** are designed specifically for PE.

These lightweight, easy-to-use Universal Pipe Cutters (UPC) are available to cut 6" - 48" (150-1300 mm) ductile iron, cast iron, clay, concrete, steel, PVC or PE pipe. The cutters are pneumatic. The lower cost **UPC616A** uses the same motor as the others, but does not include connecting frames for larger capacities. The **UPC616A** is shipped in a steel toolbox with a three-gallon, formed-steel water tank. The **UPC636A** and **UPC648A** come in a steel toolbox with a six-gallon, stainless steel water tank and cart. Every UPC ships with an FRL Filter-Regulator-Lubricator.

PNEUMATIC

Catalog No.	Item Code	Pipe Diameter		Gross Weight*	
		in-nom.	actual O.D. mm	lbs	kg
UPC616A	07512	6 - 16	150 - 450	98	44.5
UPC636A	07510	6 - 36	150 - 1000	128	58.2
UPC648A	07511	6 - 48	150 - 1300	133	60.5
UPC836APE*	07517	8 - 36	200 - 1000	101	45.9
UPC848APE*	07518	8 - 48	200 - 1300	106	48.2

*EXCLUSIVE - Complete details about **UPC836APE** AND **UPC848APE** ON P. 31

*GROSS WEIGHT includes all components plus packaging. **UPC Cutting Frame** weighs just 28 lbs (12.7 kg).

MUST ORDER REQUIRED BLADES SEPARATELY.

UPC PNEUMATIC POWER REQUIREMENTS

Horsepower = 1.7 H.P. generated by UPC
 Maximum R.P.M. = 3675
 Air Consumption = 50 cu. ft./min. (1.4 cu. m/min.)
 Pressure = 90 P.S.I. Maximum (6 BAR)
 Shut-Off = 3/4" Ball Valve
 Air Supply Fittings = 3/4" Dixon "Air King" Coupling

ACCESSORIES

Accessory	Item Code
Air-Line Oil	97583
Arbor Locknut	97543
Arbor Wrench	97590
Blade Guard 8" Assembly	07509
Chain Hooks	97546
Diamond Blade Sharpening Stone	97595
Filter for the FRL	47506
Hex Key Set	40156
Motor Grease, 2 oz.	97588
Release Pins	97545
Water Tank Hose System	97581
Wedges	97589

SERVICE

UPC motor reconditioning/refurbishing is available. Complete UPC cutters can also be reconditioned/refurbished.

BEFORE shipping items, contact Reed by phone, fax or email for a return authorization number.

All items should arrive freight prepaid at the Reed factory. Quotes, including any labor charges, will be issued upon inspection of the unit.

✓ WHY REED?

The Reed UPC is lightweight; cuts fast; requires only 12" (300 mm) clearance around the pipe; provides a square cut virtually every time; and can be operated underwater. It is by far the safest, easiest and fastest power cutter to setup, operate and maintain, which nets a low operating cost.



UPC636A

Cutting Frame



UPC616A



PIPE TOOLS & VISES
SINCE 1896

UNIVERSAL PIPE CUTTER BLADE SELECTION CHART

Reed provides a complete line of UPC saw blades for efficient cutting of PVC, PE, steel, cast and ductile iron, clay or concrete pipe. See chart below for the various blades to match job requirements. Blades sold separately from UPC units.

CAUTION: When cutting steel, ductile iron or cast iron, the UPC can produce sparks. When cutting steel pipe with the steel "DIA" blades, sparks are expected. Because of the sparks, the UPC cannot be used for cold cuts. When cutting PE, the UPC may cause a build-up of static electricity. Do not use the UPC saw in-line on potentially explosive or otherwise dangerous situations. The line must be verified as completely purged of any flammable vapor or liquid.

Catalog No.	Item Code	Description	Pipe Diameter	Pipe Material
UPCARB4	97510	4" BLADES cut up to 2 3/32" (18.3 mm) wall thickness	6" (150 mm)	PVC
UPCBPVC	97511	PVC Bevel Cutter 1 1/4" blade thickness, 15° bevel	6" - 48" (150-1300 mm)	PVC
UPCARB6	97514	6" BLADES cut up to 1 23/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm)	PVC
UPCSTEEL4	97519	4" carbide-tipped BLADES cut up to 1/2" (12.7 mm) wall thickness	6" - 8" (150-200 mm)	Steel
		4" carbide-tipped BLADES cut up to 23/32" (18.3 mm) wall thickness	6" - 8" (150-200 mm)	PE
UPCSTEEL6	97520	6" carbide-tipped BLADES cut up to 1/2" (12.7 mm) wall thickness	8" - 48" (200-1300 mm)	Steel
		6" carbide-tipped BLADES cut up to 1 23/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm)	PE
UPCPE8	97521	8" BLADES cut up to 2 23/32" (69 mm) wall thickness	26" - 48" (660-1300 mm)	PE
UPCDIA4	97529	4" UPC BLADES, Diamond Grit Edge, cut up to 23/32" (18.3 mm) wall thickness	6" - 8" (150 - 200 mm)	Cast Iron, Pit Cast, Ductile Iron Clay, Concrete
UPCDIA6	97525	6" UPC BLADES, Diamond Grit Edge, cut up to 1 23/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm)	Cast Iron, Pit Cast, Ductile Iron Clay, Concrete

PIPE DESCALERS ON P. 20



FILTER-REGULATOR-LUBRICATOR

FEATURES

- **Maximize** tool efficiency by using clean air.

An FRL (filter-regulator-lubricator) appliance is key to preparing clean air for use in pneumatic system tools. Use of prepared air allows tools and equipment to operate with maximum effectiveness and efficiency. Always use an FRL with Reed pneumatic tools such as the Saw It® and Universal Pipe Cutters. **Failure to use an FRL may result in premature motor failure and will negate warranty.**

Catalog No.	Item Code	Description	Weight	
			lbs	kg
FRL	97591	Filter-Regulator-Lubricator Unit	12.5	5.7



TAKE A LOOK...

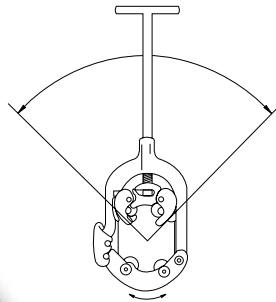
CUTTERS FOR LARGER DIAMETER PLASTIC PIPE P. 31 - 33

ONLINE VIDEO TRAINING



EXCLUSIVE SIZES

90° - 110° SWING



4" CLEARANCE

HINGED CUTTERS™

FEATURES

- A **Reed invention** that needs only 4" (102 mm) of clearance around pipe.
- Can be **used anywhere** - in the ditch, underwater, overhead, in racks of pipe!
- **Efficient** handle swing of only 90° to 110°.

Four wheels cut steel, stainless steel, cast and ductile iron with only 90° to 110° handle swing. Only 4" (102 mm) clearance required around pipe. Strong guide fingers ensure perfect wheel alignment for square cuts. A closed 360° frame forces all energy into cutting the pipe for maximum efficiency and productivity. There is no shower of sparks in this cold cut. This is the only hinged cutter that tracks every time and the only one recommended for ductile iron, steel and stainless steel to Schedule 100. This tool is a Reed invention.

Catalog No.	Item Code	Pipe Capacity		Length		Weight	
		in-nom.	actual O.D. mm	in	mm	lbs	kg
H21/2S*	03110	1 - 2 1/2	32 - 76	17	419	7.2	3.3
H21/2I*	03112	1 - 2 1/2	32 - 76	17	419	7.2	3.3
H21/2X*	03114	1 - 2 1/2	32 - 76	17	419	7.2	3.3
H4S	03120	2 - 4	60 - 125	22	559	12.8	5.8
H4I	03122	2 - 4	60 - 125	22	559	12.8	5.8
H4X	03124	2 - 4	60 - 125	22	559	12.8	5.8
H6S	03130	4 - 6	114 - 182	28	711	19.4	8.8
H6I	03132	4 - 6	114 - 182	28	711	19.4	8.8
H6X	03134	4 - 6	114 - 182	28	711	19.4	8.8
H8S	03140	6 - 8	168 - 240	32	813	24.4	11.1
H8I	03142	6 - 8	168 - 240	32	813	24.4	11.1
H8X	03144	6 - 8	168 - 240	32	813	24.4	11.1
H8XX	03146	6 - 8	168 - 240	32	813	24.4	11.1
H12S	03150	8 - 12	219 - 356	34	864	34.9	15.9
H12I	03152	8 - 12	219 - 356	34	864	34.9	15.9
H12X	03154	8 - 12	219 - 356	34	864	34.9	15.9
H12XX	03156	8 - 12	219 - 356	34	864	34.9	15.9

*EXCLUSIVE SIZES

NOTE: S= for steel/stainless steel; I= for cast and ductile iron; X= for schedule 80 steel; XX= for schedule 100 steel. Wheels for same size cutters are interchangeable. Reed cutter wheels are recommended for Hinged Cutters™. Reed wheels are made from high shock-resistant tool steel on computerized (CNC) machines and then precisely heat-treated. This allows for a thinner profile yet stronger blade, so they:

- Cut easier and faster, especially stainless steel and ductile pipe
- Last much longer
- Allow for shorter cutter handle for work in tight spaces
- Provide the best value

CUTTER WHEELS ON P. 7 - 9

PIPE DESCALERS ON P. 20

✓ WHY REED?

Hinged Cutters™ are a Reed invention! They are lighter, track better for square cuts, and require less clearance, yet provide better torque so the cut is made faster and with less effort. Can be used anywhere - in the ditch, underwater, in noise-free zones, overhead, in racks of pipes, etc.

HINGED CUTTERS™ WITH HELPER HANDLE

FEATURES

- Helper handle allows two people to make a **team effort** for fast, tough cuts.
- Great choice for **cutting well casing and other vertical pipe**.
- **Efficient** handle swing of only 90° to 110°.

Special Hinged Cutters™ with an extra helper handle save time as two operators use team effort for fast work on tough applications or harsh conditions. Helper handle "HH" models are ideal for cuts on vertical pipe such as well casing or process piping. Hinged Cutters™ feature four wheels to cold cut steel, stainless steel, cast and ductile iron with only 90° to 110° handle swing. Strong guide fingers ensure perfect wheel alignment for square cuts. A closed 360° frame on the hinged cutter forces all energy into cutting the pipe for maximum efficiency and productivity.

Catalog No.	Item Code	Pipe Capacity		Assembled Length		Weight	
		in-nom.	actual O.D. mm	in	mm	lbs	kg
H6SHH	03138	4 - 6	114 - 182	51	1295	21.8	9.9
H8SHH	03148	6 - 8	168 - 240	58	1473	23.6	10.7
H12SHH	03158	8 - 12	219 - 356	63	1600	36.5	16.6

CUTTER WHEELS ON P. 7 - 9

Helper Handle

H6SHH





PIPE TOOLS & VISES
SINCE 1896

LOW CLEARANCE ROTARY™ CUTTERS

FEATURES

- The low profile design of these cutters requires only **5" (127 mm) clearance**.
- Pipe **snaps off squarely** once the operator completes the cut.

Cold cut large diameter steel, most stainless steel, ductile and cast iron pipe in close quarters. The low profile design of the LCRC models needs only 5" clearance for up to 18" pipe diameter. Yoke design improvements make cutters more durable in high stress conditions. Each cutter is supplied with a slip-on handle that is used to turn the cutter around the pipe in one direction. The handle is also used to tighten the cutter every half revolution.

Catalog No.	Item Code	Pipe Capacity			Length		Weight	
		Steel	Cast Iron & Ductile	actual O.D. mm	in	mm	lbs	kg
		in-nom.	in-nom.					
LCRC4I*	03306		2 - 4	60 - 125	19	483	12	5.5
LCRC4S*	03307	2 - 4		60 - 125	19	483	12	5.5
★ LCRC4X	03304	2 - 4 Heavy Wall & Stainless Steel		60 - 125	19	483	9.5	4.3
LCRC8S*	03309	6 - 8		159 - 246	58	1473	41	18.6
LCRC8I*	03308		6 - 8	159 - 246	58	1473	41	18.6
LCRC8X*	03311	6 - 8 Heavy Wall & Stainless Steel		159 - 246	58	1473	41	18.6
LCRC12S*	03313	10 - 14		266 - 358	61	1549	50	22.7
LCRC12I*	03312		10 - 12	266 - 358	61	1549	50	22.7
LCRC12X*	03314	10 - 14 Heavy Wall & Stainless Steel		266 - 358	61	1549	50	22.7
LCRC16S*	03317	16 - 18		368 - 462	66	1664	60	27.3
LCRC16I*	03316		14 - 16	368 - 462	66	1664	60	27.3
LCRC16X*	03318	16 - 18 Heavy Wall & Stainless Steel		368 - 462	66	1664	60	27.3

★ **NEW**
★ **EXCLUSIVE**

ROTARY™ CUTTERS

FEATURES

- Pipe **snaps off squarely** once the operator completes the cut.
- Excellent for **cold cuts**.

Cold cut large diameter steel, most stainless steel, ductile and cast iron pipe in close quarters. Modest clearance needed for all models (see chart at right). Each cutter is supplied with a slip-on handle that is used to turn the cutter around the pipe in one direction. The handle is also used to tighten the cutter every half revolution. Best manual cutters for ductile iron. With good leverage from long handle, pipe snaps off squarely before wheel penetrates halfway through pipe. Cutters have heavy-duty frames. All sizes use the same cutter wheels: either RCS8-36 for steel/stainless steel and RC18-30 for ductile and cast iron. RCX wheels cut up to ²⁵/₃₂" wall thickness for steel pipe.

Catalog No.	Item Code	Pipe Capacity			Length		Weight	
		Steel**	Cast Iron & Ductile	actual O.D. mm	in	mm	lbs	kg
		in-nom.	in-nom.					
RC20S*	03240	20 - 22		476 - 572	106	2680	89	40.5
RC20I*	03242		18 - 20	476 - 572	106	2680	89	40.5
RC24S*	03250	24 - 26		584 - 660	111	2807	107	48.6
RC24I*	03252		22 - 24	584 - 660	111	2807	107	48.6
RC30S*†	03260	28 - 34		698 - 864	96	2438	283	128.6
RC30I*†	03262		30	698 - 864	96	2438	283	128.6
RC36S*†	03264	32 - 36		813 - 915	96	2438	295	134.1
RC36I*†	03263		30	813 - 915	96	2438	295	134.1
RC42S*	03265	40 - 42		1016 - 1067	108	2743	325	147

★ **EXCLUSIVE**

**For heavy wall steel and stainless steel, order four RCX cutter wheels (#03550) and also order eight RC8-30XR rollers (#93222).

NOTE: S= for steel/stainless steel; I= for cast and ductile iron; X= for schedule 80 steel. Wheels for same size cutters are interchangeable. Reed cutter wheels are recommended for Rotary™ Cutters and Low Clearance Rotary™ Cutters. Reed wheels are made from high shock-resistant tool steel on computerized (CNC) machines and then precisely heat-treated. This allows for a thinner profile yet stronger blade, so they:

- Cut easier and faster, especially stainless steel and ductile pipe
- Last much longer
- Provide the best value

CUTTER WHEELS ON P. 7 - 9

PIPE DESCALERS ON P. 20

† CONVERSION KITS

Catalog No.	Item Code	Converts
RC30CONV	03267	RC36 to RC30
RC36CONV	03268	RC30 to RC36

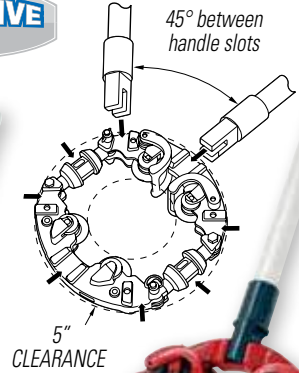
BEST EVER!

EXCLUSIVE TOOL

ONLINE VIDEO TRAINING



LCRC4S in use



45° between handle slots

5" CLEARANCE

LCRC12

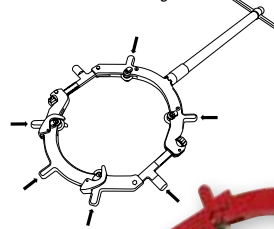
LCRC4

Two Turnbuckles to Tighten Cutter

✓ WHY REED?

Rotary™ cutters are a Reed invention! Reed Rotary™ cutters cut pipe safely, easily, quickly and at a low cost. Provide a square cut and can be used in close quarters anywhere – in the ditch, underwater, in noise-free zones, overhead, in racks of pipes, etc. Reed Rotary™ cutters last for decades.

45° or 60° between handle lugs



Handle Extension (#93089)

Affix to main handle for additional leverage. Included with RC20/RC24 models.

EXCLUSIVE TOOL

CLEARANCES

Cat. No.	in	mm
RC20	8.0	204
RC24	8.0	204
RC30	11.8	300
RC36	11.8	300
RC42	10.5	267

ONLINE VIDEO TRAINING



RC42S in use



DS12
in use



Roller
Handles

DS12

DS12B

PIPE DESCALERS

FEATURES

- **Much faster** and **far more effective** than chisels, chains or files.
- Needs only 2" of clearance around the pipe.
- For removing tough dirt and debris quickly, choose the **sharp scrapers** of the DS12 and DS36 chain descalers.

Wide, tough scrapers remove scale, dirt and corrosion quickly from the pipe surface to allow more effective cutting, joining, gasket/valve seating or other operations. Pipe descalers are faster and more effective than chisels, chains or files and need only 2" of clearance around the pipe. Use them to clean pipe before cutting or water tapping or drilling. Roller handles allow smooth movement in use. **DS12** and **DS36** chain descalers are made entirely of steel that is zinc-plated for corrosion resistance and toughness. The sharp metal scrapers dig in fast to remove dirt and debris. They are welded on for long life and can be sharpened. Also, Reed produces a heavy-duty power transmission belting pipe descender, **DS12B**. Its handles and scrapers are blackened for good rust protection. Belt descender benefits include lower cost and lighter weight than all-metal descalers, longer length to ease back strain during use and high-profile scrapers to reduce dirt clogs. Reed offers a replacement belt (for DS12B only) with scrapers attached; simply bolt the new belt onto the handles.

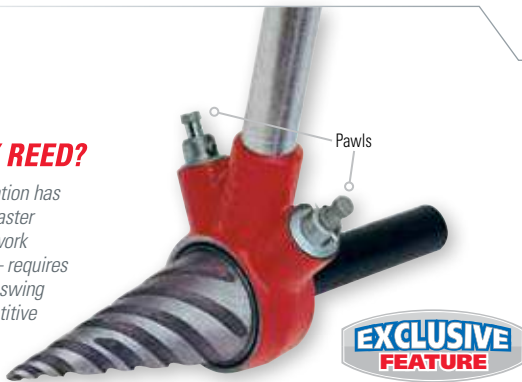
Catalog No.	Item Code	Type	Pipe Capacity		Length		Weight	
			in-nom.	mm	in	mm	lbs	kg
DS12	08000	Steel Chain	3 - 12	70 - 300	32	810	5.7	2.6
DS36	08006	Steel Chain	3 - 36	70 - 910	44	1110	8.2	3.7
DS12B	08008	Belt	3 - 12	70 - 300	50	1257	4.2	1.9

REPLACEMENT BELT

Catalog No.	Item Code	Description	Length		Weight	
			in	mm	lbs	kg
DS12BRB	98008	Replacement belt fits REED DS12B or Wheeler-Rex® 1300	45	1143	3.0	1.4

✓ WHY REED?

This Reed invention has two pawls for faster action and for work in tight places – requires half the handle swing space of competitive reamers.



2-71

PIPE REAMER

FEATURES

- Self-feeding, spiral reamer **starts easily** into pipe.

Pipe Reamer is used to deburr steel pipe before threading. Cone is made from tool steel and hardened for maximum life. Unique cutting edge makes this spiral reamer self-feeding and easy to start and operate.

Catalog No.	Item Code	Pipe Capacity		Weight	
		in-nom.	actual I.D. mm	lbs	kg
2-71	06060	1/8 - 2	7 - 53	6.7	3.0



REED

GET HELP FINDING THE RIGHT CUTTER

New at Reed is the CUTTER FINDER on www.reedmfgco.com. By entering the pipe type and size, tool users can find with ease all the possible Reed cutters that fit that pipe. This online search tool is open in all of Reed's main website languages: English, Spanish, French, German, Chinese, Russian, Arabic and Japanese.

Give it a try!



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