

Universal Pipe Cutters



PIPE TOOLS & VISES
SINCE 1896

- Cut 6"-48" (150-1300 mm) ductile iron, cast iron, clay, concrete, steel, PVC and PE pipe in one revolution.
- Fastest way to get a square cut on steel pipe. After set-up, cuts can be done on 30" (760 mm) steel pipe in about 5 minutes.
- It takes about 1 minute per pipe diameter inch for set-up and cuts on ductile iron/cast iron.
- These pneumatic-powered units operate in trench, above ground or underwater.
- Durable blade for cast and ductile iron gives consistent performance.
- **NEW** Dual-purpose blade for steel and PE pipe.



UPC on ductile

**The Safest,
Easiest and Fastest
Power Cutter
to Set Up, Operate
and Maintain.**



UPC on steel



UPC on PE

Universal Pipe Cutters (UPCs)



UPC on ductile

Pneumatic UPCs

Catalog No.	Item Code	Pipe Diameter		Net Weight*	
		Inches-Nom.	Ø mm	lbs	kg
UPC616A	07512	6-16	150-450	89	40.5
UPC636A	07510	6-36	150-1000	131	59.5
UPC648A	07511	6-48	150-1300	138	62.7

*Heaviest component weighs only 28 lbs. (13 kg).

Power Specifications

- Horsepower = 1.7 HP generated by UPC
- Maximum RPM = 3675
- Air Consumption = 50 cu. ft./min. (1.4 cu m/min.)
- Pressure = 90 PSI Max. (6 BAR)
- Shut Off = 3/4" Ball Valve
- Air Supply Fittings = 3/4" Dixon "Air King" Coupling

AIR COMPRESSOR REQUIREMENTS

Accessories

	Item Code		Item Code
Air-line Oil, 16 oz.	97583	Hex Ket Set	40156
Arbor Lucknut	97543	Motor Grease, 2 oz.	97588
Arbor Wrench	97590	Release Pins	97545
Chain Hooks	97546	Water Tank Hose System	97581
Diamond Blade	97595	Water Tank for UPC616A	40177
Sharpening Stone		Water Tank for UPC636A or UPC648	40159
Filters for the FRL	40139	Wedges	97589
Filter Regulator Lubricator (FRL)	97584		

✓ 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.



Above ground operation



In-ditch operation

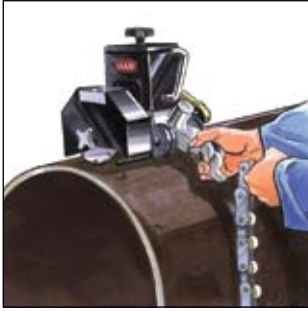


UPC636A



Reed Piping Solutions is available on DVD or CD or at www.reedmfgco.com.





1. Connect chain



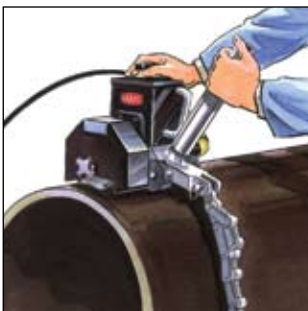
2. Tighten turnbuckle



3. Attach power source



4. Feed blade



5. Pull clockwise

UPC636A

- 6" TO 36" (150 - 1000 mm) pipe capacity
- 1.7 HP air driven motor
- 28 lb (13 kg) maximum component weight
- 6" blade cuts maximum pipe wall thickness of 1-23/32" (43.7 mm) while 4" blade cuts 23/32" (18 mm)
- Cuts cast and ductile iron, clay, concrete, PVC, PE, steel
- Steel carrying case
- Includes filter, regulator, lubricator, 7 gallon water tank with cart, hex key set, oil and grease, metal wedges, wrenches
- Only 12" (300 mm) clearance required around pipe
- Operates in-ditch, above ground, or underwater
- Set up time of 2-3 minutes
- Heavy-duty aluminum alloy frames for maximum strength
- One year warranty on air motor
- Double blade guard for operator protection
- Cuts in one revolution around pipe

NOTE: Must order REQUIRED blades SEPARATELY.

UPC648A

Same as UPC636A, except:

- 6" to 48" (150-1300 mm) pipe capacity

UPC616A

Same as UPC636A, except:

- 6" to 16" (150-450 mm) pipe capacity
- 3 gallon water tank capacity
- Plastic carrying case



MAINTENANCE

- Grease motor at the fittings.
- Rinse off the inside of the saw blade cover and machine.
- Cover air intake port with end cap for storage.
- Hose off UPC exterior and wipe down unit.
- Inspect and clean rollers.
- Inspect blade.
- Occasionally lubricate pins, links, screws and turnbuckle assembly with water-displacing lubricant like WD-40®.
- Open the valve, add a few drops of oil into air intake port, rotate blade manually for corrosion protection, and close the valve.



Reed Cutting Blades are designed to meet specific requirements. They cut pipe quickly, easily, and square.

BLADE SELECTION CHART

Catalog No.	Item Code	Description	Pipe Diameter	Pipe Material
UPCARB4	97510	4" blades cut up to 23/32" (18.3 mm) wall thickness	6" (150 mm) Pipe	PVC
UPCARB6	97514	6" blades cut up to 1 23/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm) Pipe	PVC
UPCSTEEL4	97519	4" blades cut up to 23/32" (18.3 mm) wall thickness	6" - 8" (150-200 mm)	Steel, PE
UPCSTEEL6	97520	6" blades cut up to 1 23/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm)	Steel, PE
UPDIA4C	97528	4" blades cut up to 23/32" (18.3 mm) wall thickness	6" (150 mm) Pipe	Cast Iron, Pit Cast, Ductile Iron, Clay, Concrete
UPDIA6C	97524	6" blades cut up to 123/32" (43.7 mm) wall thickness	8" - 48" (200-1300 mm) Pipe	Cast Iron, Pit Cast, Ductile Iron, Clay, Concrete

Low Clearance Rotary™ Cutters



LCRC12

✓ WHY REED?

Cold cut large diameter steel, stainless steel, ductile and cast iron pipe in close quarters. Low clearance cutters need only 4" (102 mm) clearance for up to 18" pipe. They provide a square cut and can be used almost anywhere - in the ditch, underwater, in noise-free zones, overhead, in racks of pipe, etc.

Capacity: 6" - 18" (159-462 actual Ø mm) for steel, stainless steel
6" - 16" (159-462 actual Ø mm) for cast iron, ductile iron



Hinged Cutters™



H4S

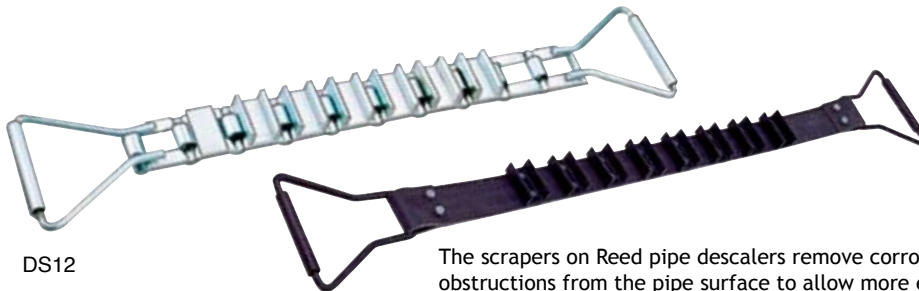
✓ WHY REED?

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

Various models cut 1" - 12" diameter (32-356 mm) steel, stainless steel, cast iron, and ductile iron.



Pipe Descalers



DS12

DS12B

The scrapers on Reed pipe descalers remove corrosion and other obstructions from the pipe surface to allow more effective cutting, joining, gasket/valve seating, or other operations. Much faster and more effective than chisels, chains or files and require only a few inches clearance around the pipe. Reed offers both zinc-plated-steel descalers and belt descalers.

Capacity: 3" - 36" (70-910 mm) steel style
3" - 12" (70-300 mm) belt style



PIPE TOOLS & VISES
SINCE 1896

REED MANUFACTURING COMPANY

1425 West 8th Street, Erie, PA 16502 USA

Phone: 800-666-3691 or 814-452-3691

Fax: 800-456-1697 or 814-455-1697

www.reedmfgco.com

QUALITY
& Service
that Last a Lifetime

310-01025