







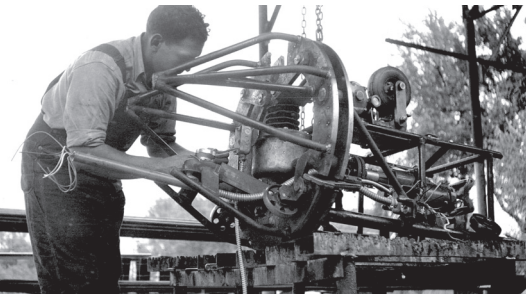




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Manufacturer of Pipeline Equipment Since 1948



1948-1950
HUMBLE BEGINNINGS

1949
SAWYER'S FIRST FACILITY
Sawyer Mfg. Co. builds its first facility, located at 1021 N. Columbia Place

1956
Tom Sawyer, son of Red Sawyer, begins working on the pipeline as a laborer, at age 14

1965
SAWYER BRANDING
Sawyer expands its distribution and begins to manufacture and sell equipment under the Sawyer brand

1967
SAWYER'S SECOND FACILITY
Sawyer Mfg. Co. builds its second facility, located at 1031 N. Columbia Place

1974-1977
INNOVATION CONTINUES
The Trans-Alaska Pipeline is built to combat the sharp rise in oil prices after the 1973 oil crisis. Sawyer produces innovative pipeline equipment and expands its product lines

1998
50 YEARS
Sawyer Mfg. Co. celebrates its 50th Anniversary

2013
SAWYER'S NEW EXPANDED FACILITY
Sawyer moves into its new 54,000 square foot facility at 7799 S. Regency Drive

2015
S.B.A. EXPORTER OF THE YEAR
Sawyer is awarded the U.S. award as a result of continued expansion and growth in international markets

1948
Red Sawyer and AB Jensen form the partnership, Sawyer-Jensen Company, and begin manufacturing equipment to meet pipeline requirements

1950
SAWYER BECOMES A SOLE PROPRIETORSHIP

1960-70
SAWYER HITS ITS STRIDE
As the demand for oil grows, so does the pipeline size and infrastructure along with environmental regulations. Sawyer diversifies alongside the increasing demand, developing more than 25 equipment solutions for the expanding industry

1967
Tom Sawyer begins working full-time at Sawyer Mfg. Co. handling service and equipment design

1979
RED RETIRES
Red Sawyer retires after 31 years. Tom Sawyer succeeds as President

1980
TEPID TIMES
Due to the effects of inflation and increased energy costs, Sawyer refocuses on navigating the difficulties of a nationwide recession with a positive outlook on the future economic climate for better sales and greater customer reach

2014
SAWYER'S GLOBAL PRESENCE
Sawyer Mfg. Co. invests in global manufacturing and acquires PSW Consultants Engineering LTD, adding additional products and providing global support



Sawyer Mfg. Company designs and manufactures quality pipeline and welding equipment for the world market

HELLO Ahalan HOLA
Привет SALVE ahoj Nǐ hǎo
Olá Assalamualaikum
Guten Tag kumusta HALLO
Anyoung haseyo Halo Bonjour
Ciao Namastē Kon'nichiwa

Sawyer Mfg. Company

Sawyer Mfg. Company is a strong, competitive global provider of pipeline and welding equipment. With offices in the United States and the United Kingdom, Sawyer is well-positioned to meet the needs of the growing international pipeline industry. Through access to world markets, we can effectively distribute equipment to customers wherever they are based. With a growing global distribution network, our focus is to be a leader in the world market for pipeline and welding equipment.

Sawyer equipment is designed and built at our facility in Tulsa, Oklahoma, and at Pipeswizard

facilities across the European Union, all of which meet European CE certification standards. Our products are developed primarily for the oil and gas industry but are also used in the construction and maintenance of waste water and sewer lines, nuclear, offshore applications, as well as gathering and distribution systems.

Our reputation at Sawyer has been earned by making customers our first priority. We aim to consistently manufacture innovative, reliable equipment and provide superior services for our customers around the world.

Catalog Introduction

This catalog will introduce you to our products and make it easier for you to find premium equipment for the pipeline and welding industry. Each section is organized to allow quick access to essential information about our equipment and to offer solutions that meet all your needs and suit all your requirements.

BEVELING EQUIPMENT



Band Beveling Machine

For beveling in tight spaces

- Available for pipe sizes 6" and larger
- Adaptable to any beveling requirement
- Out of Round Attachment unnecessary



Beveling Band*
Model 206D



Crawler*
Model 206A

OPTIONAL ACCESSORIES



Right Angle Drive Kit
For the ultimate in small clearance bell holes
Model 206E



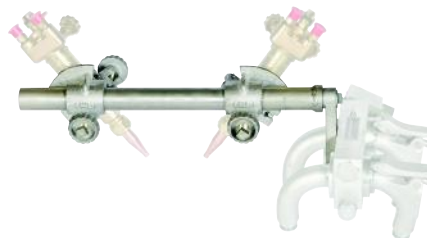
Motorized Kit
Fastest beveling motor in the industry
Model 206F



Adjustable Torch Holder
Prevent blow holes
Model 284D



Classic Torch Holder*
Quick and easy set up
Model 286



Double Cut Torch Holder*
Save time with dual cutting and beveling
Model 283D

* Band & Transmission sold separately
Torches shown for illustrative purposes only; available as optional equipment

Quick Set Beveling Machine

Safe, light and simple

- Available for pipe sizes 1.5”–20”
- No spacers, dogs, or legs
- Lightest machine in the industry
- Adjustment arms provide simple and fast set up without spacers
- Made of cast aluminum for durable lightweight service



Quick Set
Model 205CS

205CS-0: 1.5"-4"
 205CS-1: 3"-8"
 205CS-2: 8"-14"
 205CS-3: 14"-20"

OPTIONAL ACCESSORIES



Adjustable Torch Holder

Prevent blow holes

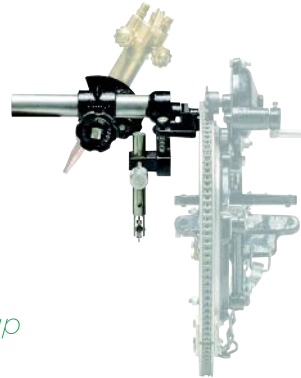
Model 284C



Classic Torch Holder

Quick and easy set up

Model 4KB



Out of Round Attachment*

Egged pipe...no problem

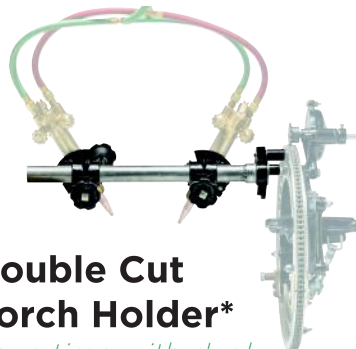
Model 281B



Carrying Case

Protect your investment

Model 13K



Double Cut Torch Holder*

Save time with dual cutting and beveling

Model 283B



Motorized Kit*

Fastest beveling motor in the industry

Model 205CES

*Torches shown for illustrative purposes only; available as optional equipment

Compact Beveling Machine

Built for the most demanding jobs



- Available for pipe sizes 3"—60"
- Fully enclosed gearbox keeps machine safe from damage
- Full traveling ring allows for smoother cutting and beveling

Compact*
Model 200C

- 200C-1: 3"-8"
- 200C-2: 8"-14"
- 200C-3: 14"-20"
- 200C-4: 20"-26"
- 200C-5: 26"-30"
- 200C-6: 30"-36"
- 200C-7: 36"-42"
- 200C-8: 42"-48"
- 200C-9: 50"-56"
- 200C-10: 54"-60"



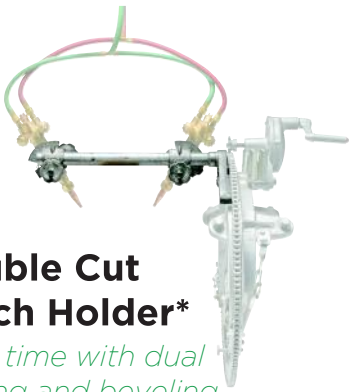
Adjustable Torch Holder
Prevent blow holes
Model 284B



Classic Torch Holder
Quick and easy set up
Model 4KB



Out of Round Attachment*
Edged pipe...no problem
Model 281A



Double Cut Torch Holder*
Save time with dual cutting and beveling
Model 283A



Motorized Kit
Fastest beveling motor in the industry
Model 200CE



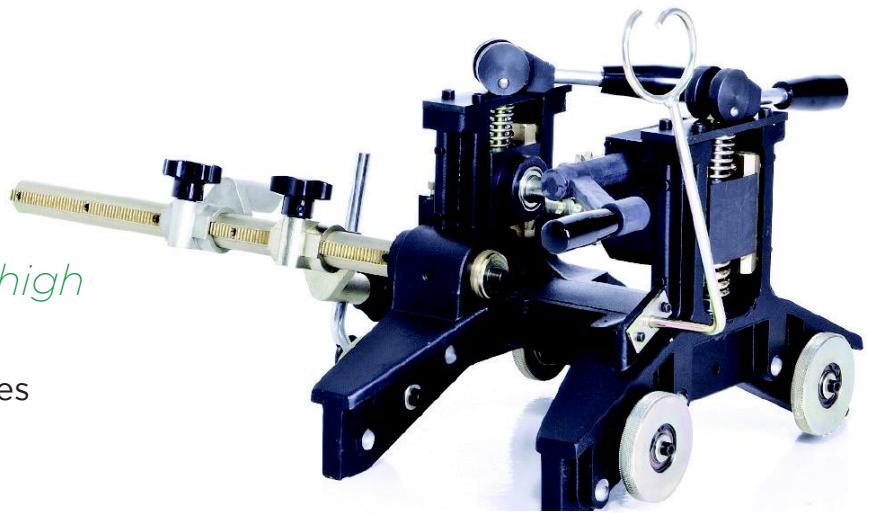
Carrying Case
Protect your investment
Model 13Q

*Torches shown for illustrative purposes only; available as optional equipment

Chain Beveling Machine

Easily adjustable with a high level of accuracy

- Available for pipes sizes 4" and larger
- 2 model options:
 - Chain Dragon up to 24" pipe
 - MX1 Beveling Machine over 24"
- Set-up in minutes by a single operator
- Incredible accuracy for a chain machine



MX1
Model 211



Chain Dragon
Model 207

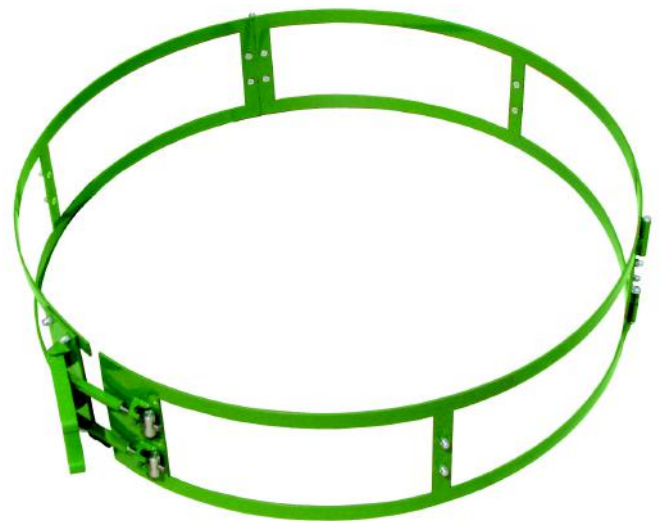


OPTIONAL ACCESSORIES

Track Band

For the ultimate in flame cutting accuracy

- Cut vertical pipes and vessels
- Secure locking mechanism
- Adjustable at locking point to allow adjustment for pipe coating or slightly odd sized pipe

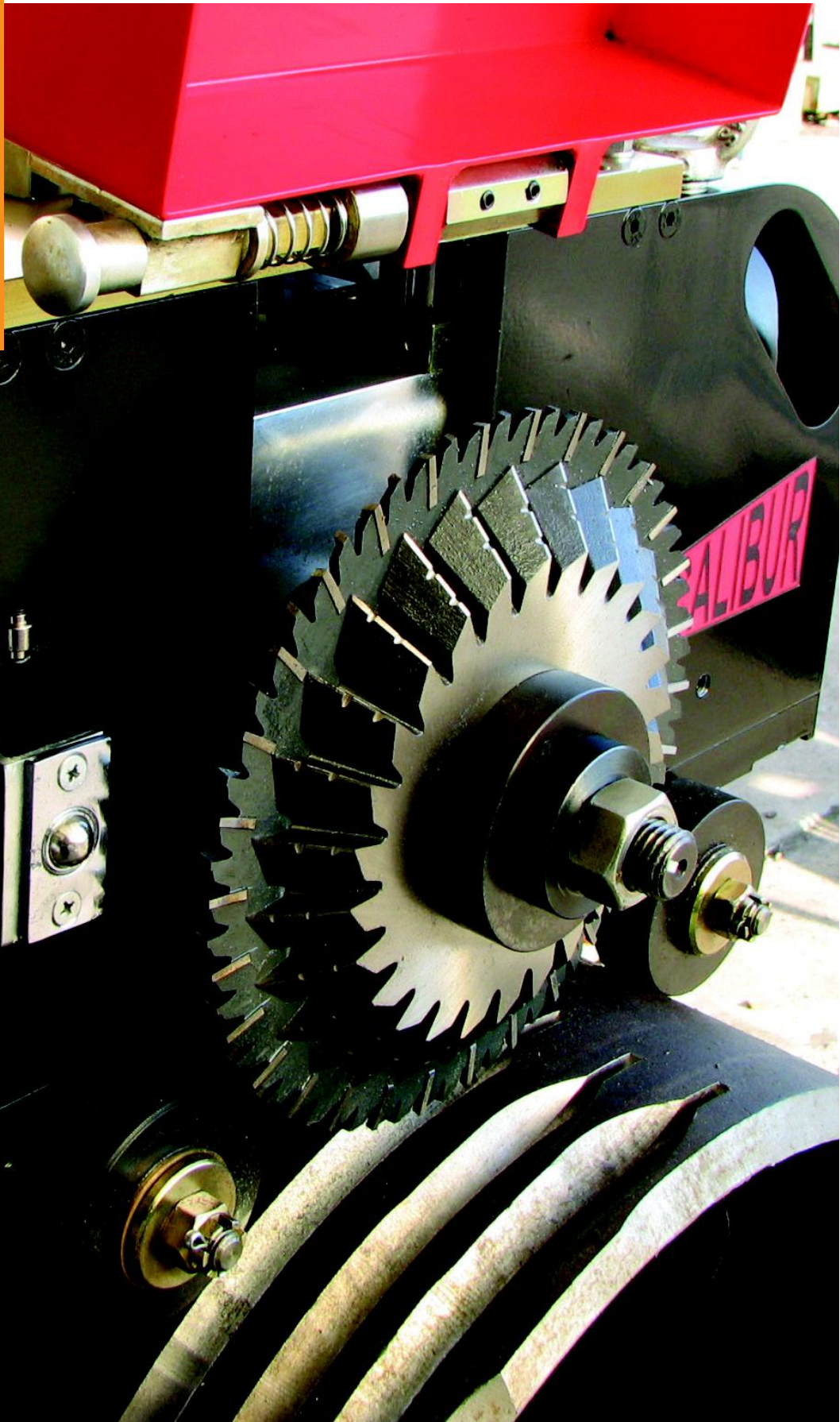


Track Band





COLD CUTTING EQUIP-



Excalibur Cold Cutting Machine

Completely redesigned to achieve maximum compatibility with modern pipework applications

- Suitable for pipe from 15.24cm–7m diameter and beyond; cuts pipe up to 2" wall thickness
- Available in 3 power options: Hydraulic, Electric and Pneumatic
- Pneumatic and Hydraulic versions are suitable for use in no-spark environments
- Full compliance with EU Machinery Directive 2006/42/EC
- Two speed drive gearbox; cuts at speeds of up to 60mm/min.
- Out-of-Round compensation is unnecessary
- Accurate to +0.5mm when used with optional guide band



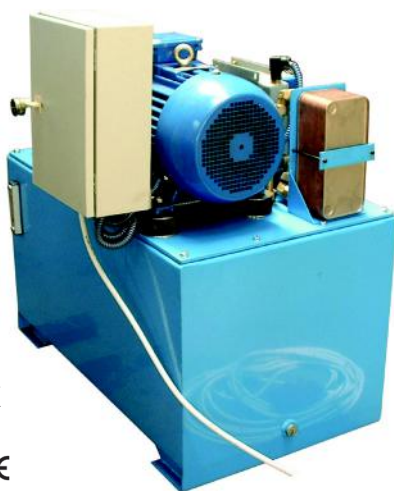
Excalibur
Model 210



OPTIONAL ACCESSORIES

Power Pack

Diesel or electric power for the Pipeswizard® Excalibur Cold Cutting and Beveling Machine



Power Pack



Milling Cutter

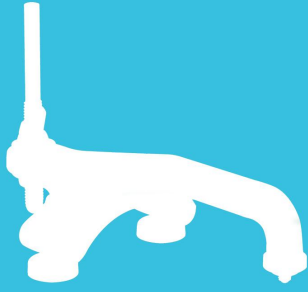
Durable cutters for all major beveling machines

- High Speed Steel is standard; ASP30 or ASP60 optional
- Blades to fit other manufacturer's machines are also available.



Milling Cutters





WELDING TOOLS



Welding Grasshopper

Fastest, most dependable method for securing a ground

- Grounding Bolt has adequate length for two grounds, permitting brother-in-law welding
- Nylon-insulated magnets prevent arcing at contact point
- Ergonomic design for quick and simple placement and removal



Grinder Holder

Portable, secure storage



Model 415



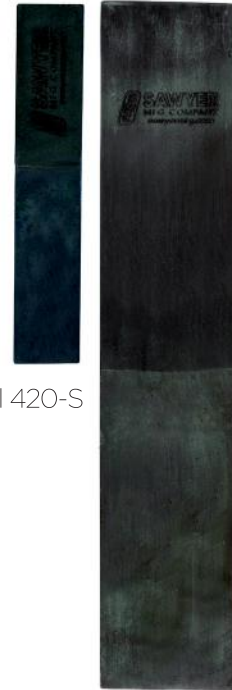
- Holds 2 grinder holders up to 9" and a Rheostat box
- 2 mounting options:
 - 1 3/8" Pipe Stand Mount fits all major manufacturer's stands
 - 4 powerful magnets swivel to accommodate flat surfaces or pipe 3" and above
- Portable; integrated easy-carry handle
- Additional tools held with a powerful magnet mounted to the frame

Spacing Tool

Optimal pipe fit up

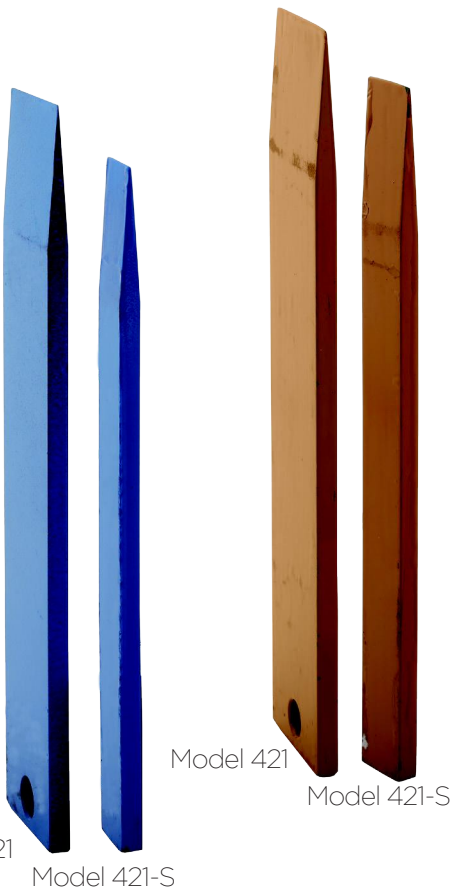
- Spacing tool to quickly obtain exact weld gap
- Large wedge has a maximum thickness of $\frac{1}{4}$ " width
- Small wedge has a maximum thickness of $\frac{3}{16}$ "
- Tapers to a chiseled point
- Special process hardens steel; will not bend or mushroom
- Hard-wearing and precision machined

420-S: 4" x 3/4" x 3/16"
420: 8 3/4" x 1 3/4" x 1/4"



Model 420-S

Model 420



Model 421

Model 421-S

Model 421

Model 421-S

Canadian Spacing Tool

Optimal pipe fit up

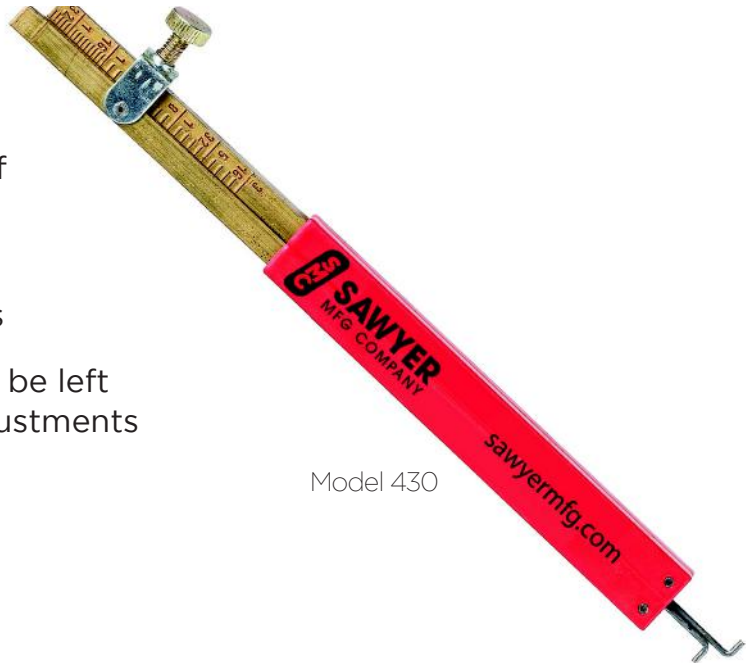
- All the specifications of the Spacing Wedges with a double-sided chiseled point
- Large wedge has a maximum thickness of $\frac{1}{4}$ " width; Small wedge has a maximum thickness of $\frac{3}{16}$ "

421-S: 8" x 3/4" x 1/4"
421: 8 3/4" x 1 3/4" x 1/4"

Hi-Lo Gauge

Accurate measurement

- Imperial or metric models
- Precision measurement of the weld gap
- Quick and easy to use; measurements in seconds
- Measures inside hi-lo; can be left in place while making adjustments with the Chain Clamp



Model 430



Boomer

The go-to tie down for welding equipment

- For use with coupon cutters, all saddle beveling machines
- Great for welding bottle tie downs
- Pipeline proven
- Available with additional chain to accommodate any size job

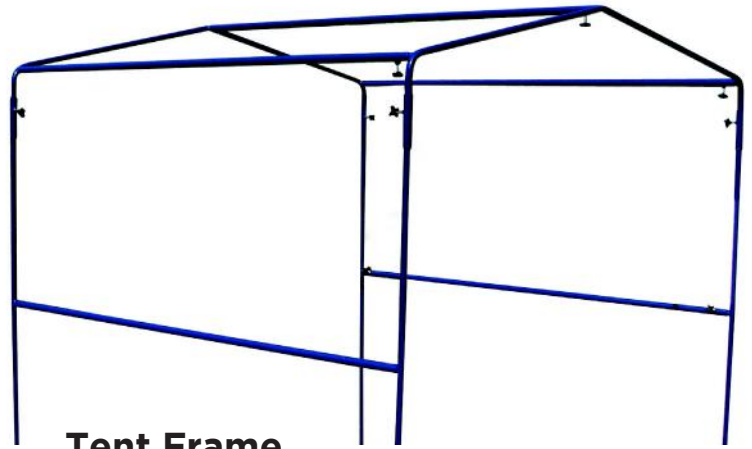
Welding Tent Frame

Portable work space

- Durable; manufactured from high quality steel
- Flame-proof covers not standard
- Available in a range of sizes
- Setup and dismantle in a matter of seconds



* MOQ: Must order 150 frames



Tent Frame

Model 450



Model 13V

Tool Boxes

Durable equipment storage

- Built with quality steel
- Choice of a range of colors; powder-coated for durability
- Range of sizes available
- Customized to fit: EZ Clamps, Chain Clamps, Jack and Jill Stands, Excalibur or any other products requiring secure storage





EXTERNAL CLAMPS



Aluminum Alignment Clamp

Welding convenience for lining up pipe

- Available for pipe sizes $\frac{3}{4}$ "–6"
- Designed to permit full 360° welding
- Line bored to assure positive, accurate alignment
- High strength cast aluminum alloy
- Special tubing sizes available

253-3/4: $\frac{3}{4}$ "
 253-1: 1"
 253-1.25: 1.25"
 254-1.5: 1.5"
 253-2: 2"
 253-2.5: 2.5"
 253-3: 3"
 253-4: 4"
 253-5: 5"
 253-6: 6"



Model 253

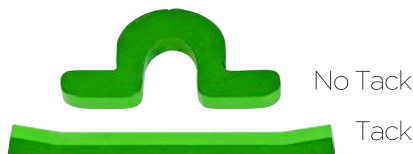
Hand Lever Cage Clamp

In service since 1930

- Available for pipe sizes 2"–60"
- Precision built for accurate alignment and long field life
- Available with stainless steel contact points



Model 125A





Model 255R
Built-in ratchet handle

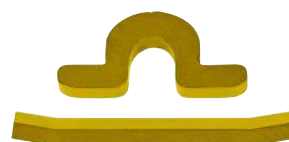
Ratchet Cage Clamp

Fast and accurate pipe alignment

- Available for standard pipe sizes through 60"
- 2 Handle options: built-in or removable
- 10-Ton Ratchet pulls pipe into round
- Left and right threaded ratchet for fast alignment
- Notched ring segment accommodates wedges to eliminate hi-lo
- No tack design allows full 360° welding



Model 255R
Removable ratchet handle



No Tack

Tack

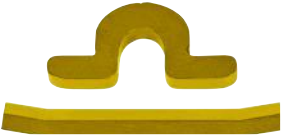


Model 255H

Hydraulic Cage Clamp

Effortless pipe alignment

- Available for pipe sizes 16”–60”
- Hydraulic mechanism exerts extra pressure for aligning large pipe
- No tack design allows full 360° welding
- Simple, quick and easy to use



No Tack

Tack

CAGE CLAMP ACCESSORIES



Model 480



Model 460

Jack Screw Wedges

Fittings...no problem

- Available in 2 sizes for clamps 16”-28” and 30”-48”
- Will work with all major external clamps (KC, General, and Sawyer)
- Hold fittings in place when using an external clamp

Hi-lo Wedges

Beat hi-lo into submission

- Available in 2 sizes for clamps 16”-28” and 30”-48”
- 1” and 1 1/4” to fit all major manufacturer’s clamps
- Simple solution to hi-lo

Qwik Clamp

Quick and adaptable

- Available in 3 sizes for pipe sizes up to 12"
- Aligns small diameter pipe
- Lightweight materials
- Suitable for use on stainless steel pipes without the need for extra shoes or screws



Model 251

251A: 1"-2 1/2"
 251B: 2"-6"
 251C: 5"-12"



Model 252

EZ Clamp

Versatility without compromise

- Available in 4 sizes for pipe sizes up to 12"
- Can be used on all materials including stainless steel
- Stainless steel shoes and thumb screws included with each clamp
- Wing nut screws allow the clamp to adjust to specific pipe requirements (also known as hi-lo)

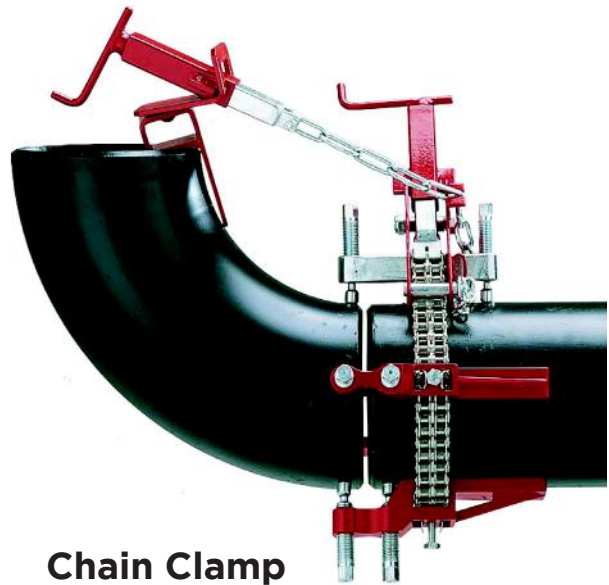
252-2: 1"-2.5"
 252-4: 2.5"-4.5"
 252-8: 5"-8"
 252-12: 9"-12"

Chain Clamp

This clamp does it all

- Available in sizes 4" and larger
- Safely permits elbows, tees, and other fittings to be held
- Reforms Schedule 40 pipe and aligns pipe up to Schedule 80
- Clamps color coded for quick identification
(Red = Steel; Green = Stainless)

260-0180: 1"-8"
260-0420: 4"-20"
260-1036: 10"-36"
260-1054: 10"-54"



Chain Clamp

Model 260



SAWYER
INTERNATIONAL

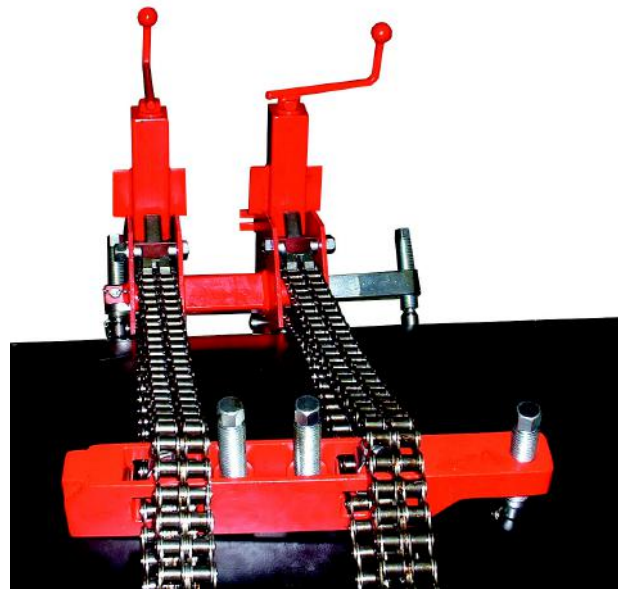


Double Chain Clamp

Aligns and reforms pipe

- Reforms up to Schedule 80 on pipes from 10" to 6mtr. diameter and beyond
- Precision alignment of pipes and vessels
- Compatible with Pipeswizard® Bull Roll pipe stands
- Packages available for Clamp and Stand combos
- Torque wrench included as standard to achieve maximum reforming capability

261-1036: 10"-36"
261-1054: 10"-54"
261-1072: 10"-72"



Double Chain Clamp

Model 261



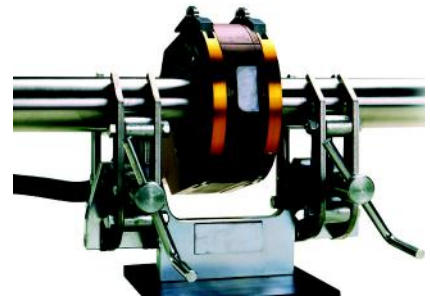
SAWYER
INTERNATIONAL



Precision Pipe Alignment Clamp

Small pipe alignment

- Available for pipe sizes up to 4"
- Aligns small diameter thin wall pipes and offers incredible accuracy on pipes up to Schedule 20
- The clamp jaws work independently to enable pipe to be concentrically aligned regardless of their diameters.
- Compatible with all leading Orbital Welding Heads
- Made from high purity stainless steel; will not contaminate Stainless Steel pipes



PPA Clamp

Model 265



265: 7/8"-2 1/2"
265: 2 1/2"-4"



Model 254

Segmented Hydraulic Clamp

This clamp hasn't met a pipe too big

- Sizes 48" and larger
- Double ring construction with relieved webs
- Hinged segments enhance flexibility and handling of large diameter pipe



Rim Clamp

For tough reforming jobs

- From sizes 4"—72" and larger
- Reform high tensile pipe up to X45
- For out of round conditions up to 2"
- Stainless Steel compatible as standard
- Hinged flip-up jackbars allow for simple pipe mating and full 360° welding
- Jackscrew Setting Gauge makes initial setup easy



Rim Clamp

Model 258



Jackscrew
Setting Gauge

Ultra Rim Clamp

The ultimate in reforming

- From sizes 4"—72" and larger
- Reform high tensile pipe up to X65 with up to 1" wall thickness
- For out of round conditions up to 2 1/4"
- Galvanized jackscrews with pivoting pads for precise reforming pressure
- Hinged flip-up jackbars allow for simple pipe mating and full 360° welding
- Jackscrew Setting Gauge makes initial setup easy



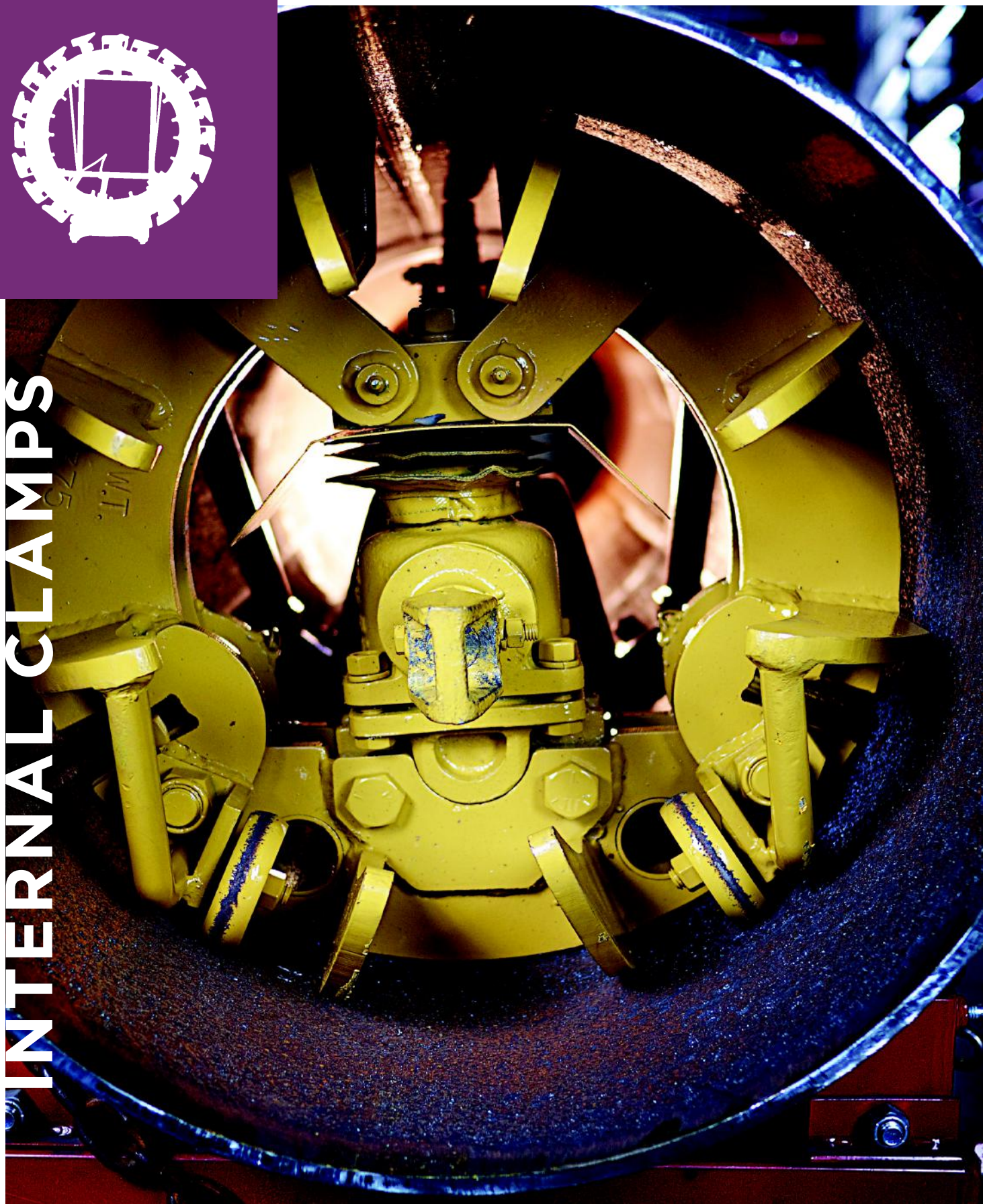
Ultra Rim Clamp

Model 258U





INTERNAL CLAMPS



Jack Screw Internal Alignment Clamp

No pipe is too big for this clamp

- Available in sizes 48" and larger
- Easily holds & lines up large OD pipe
- Individual jackscrews allow specific pressure application on a particular area while still aligning total pipe gap



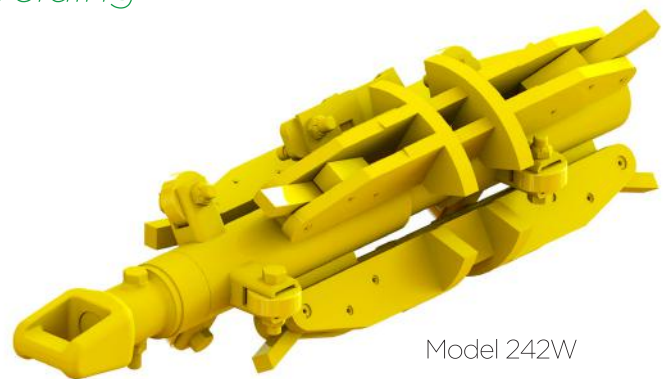
Model 256



Small Manual Internal Alignment Clamp

A great solution for small pipe welding

- Available for 6" to 8" pipe OD sizes
- Stainless steel, copper, or carbon steel shoes
- Optional wheels: hard or soft
- Comes standard with 49' of Reach Rod, Hook and Hand Crank

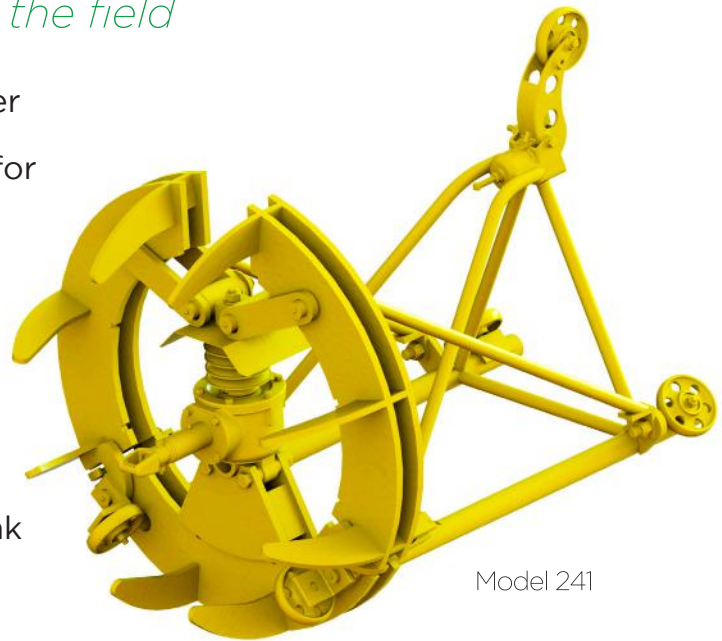


Model 242W

Large Manual Internal Alignment Clamp

Fastest, most reliable clamp in the field

- Available in sizes 10" and larger
- Welding gap is unobstructed for full stringer bead
- Available with copper backup ring
- Each clamp machined for specific pipe ID
- Comes standard with 49' of Reach Rod, Hook & Hand Crank



Model 241

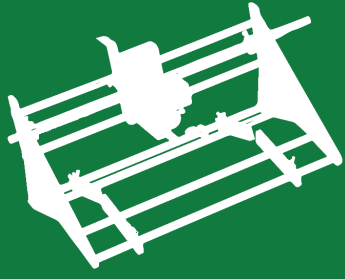
Hydraulic Internal Alignment Clamp

All the advantages of the manual plus hydraulic power

- Available in sizes 16" and larger
- Welding gap is unobstructed for full stringer bead
- Requires no outside power unit
- Each clamp machined for specific pipe ID
- Comes standard with 49' of Reach Rod, Hook & Hand Crank



Model 245

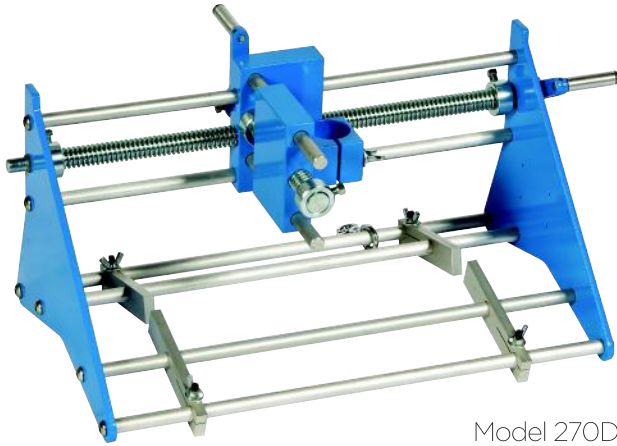


WELD TESTING



Coupon Cutter

Cut straps consistently and efficiently



Model 270D

- Available from sizes 3"—14"
- Speed: 6 turns per inch travel
- Left or right hand operation

15 Ton Strap Bender

The most portable solution

- Performs guided bend testing
- Comes standard with ASME $\frac{3}{8}$ " die and plunger, optional sets available to meet code
- Includes single speed manual pump, (1) die and plunger, and (1) steel carrying case
- For field and shop applications
- Horizontal or vertical use



Model 273-15

25 Ton Bend and Tensile Tester

For accurate weld-quality testing



Model 273-25

- Performs both guided bend and tensile strength testing
- Comes standard with ASME $\frac{3}{8}$ " die and plunger, optional sets available to meet code
- Comes standard with $\frac{1}{4}$ " - $\frac{1}{2}$ " jaws
- Includes liquid filled & certified gauge with high level indicator, 2 speed manual pump, (1) die and plunger, (1) set of pulling jaws, and (1) steel carrying case
- For field and shop applications

OPTIONAL ACCESSORIES

Hydraulic Pumps

For 15 Ton, 25 Ton and 50 Ton Testers



Foot Pump

*Swift controlled pneumatic operation**



Electric Pump

Test and qualify your welders with the push of a button



Battery Pump

Portable testing without a power source

* Access to air compressor is necessary for foot pump operation.

50 Ton Bend and Tensile Tester

For accurate weld-quality testing

- Performs both guided bend and tensile strength testing
- Comes standard with ASME 3/8" die and plunger, optional sets available to meet code
- Comes standard with 1/4" - 1/2" jaws
- Includes liquid filled & certified gauge with high level indicator, 2 speed manual pump, (1) die and plunger, (1) set of pulling jaws, and (1) steel carrying case
- For field and shop applications



Model 273-50

OPTIONAL ACCESSORIES

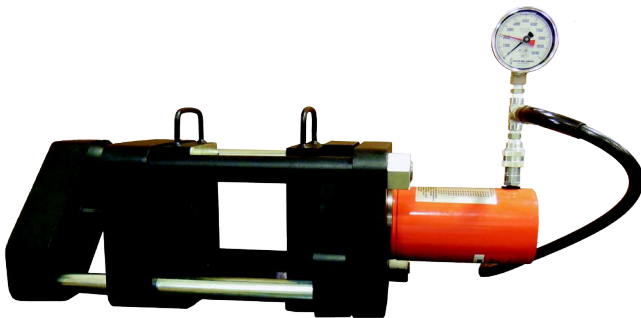
Die and Plungers

Meet any code

- ASME .250
- ASME .375 (standard)
- ASME .500
- ASME .250
- API 1104



ASME .375



Fillet Weld Test

Additional break testing

- Safely break fillet welds
- Ideal for welding school testing

Tensile Tester Jaws

Pull testing options

273-25 Sizes:
 0-1/4"
 1/4"-1/2"
 1/2"-3/4"
 3/4"-1"

273-50 Sizes:
 0-1/4"
 1/4"-1/2"
 1/2"-3/4"
 3/4"-1"
 1"-1 1/4"





PIPE LIFTING



Pipe Hooks

Extra thick steel for longevity and greater safety

- Extra thick T1 steel on A & B bodies
- Integrated handle for greater ease of use
- Reduced pinch points for increased safety
- Design based on ASME B30.20
- Interchangeable cast aluminum alloy inserts
- Unique wide mouth body available for extra clearance
- Sold in pairs

Load Capacity (per hook)

- A Size: 8,000 lbs
- B Size: 10,000 lbs
- C Size: 25,000 lbs



Model 232
Sizes 3"—42"



Model 233
Sizes 3"—42"



Model 231C
Sizes 36"—72"



Model 125G

Pipe Tong

Quickly string pipe

- Available in sizes 2"—36"
- Equipped with grip pads that ensure a safe, positive engagement of the pipe and are field replaceable
- Designed to permit an automatic release of the pipe when lift line is slacked off



AUXILIARY EQUIPMENT



Accuwrap II

Hand held pipe wrapping machine



Model 229B

- 3 Sizes Available: For 2"-18" wide tape rolls
- Applies release liner or plain tape coatings
- Will accommodate tape with 1.5" or 3" diameter cores
- Ideal for spiral and cigarette wrapping
- Very low profile, requires minimal clearance

Pipe Expander

The solution to egged pipe tie-ins

- Sizes 10"—48"
- 90% of pipe is always in contact with shoes
- Gear box moves toggles to position shoes in true circle
- Acme screw exerts tremendous pressure to force pipe into round



Model 221



Dent Remover

Reclaim dented pipe



Model 224

- Available in sizes 10"—48"
- Shoe design concentrates pressure in exact dent area
- Complete with manual pump and 6' pressure hose





PIPE STANDS



Jack and Jill Stand

Versatile and rugged

- Adjustable for pipe sizes 2”–48”
- Choice of folding or fixed stands
- Rated to 1800kg when using the standard ‘V’ head



Jill Stand
Model 441

Jack Stand
Model 440

*Standard V head for pipes up to 12". Large V head for bigger pipes.

* MOQ: Must order 150 stands



OPTIONAL ACCESSORIES

Modular Head System



*Versatile solutions for your Pipe Stands or Rollapipe**



Stainless Steel Slippers

Use with stainless steel pipes when no rotation is required



Stainless Ball Transfer Heads

Easy movement of stainless pipes along a series of stands with zero contamination



Rubber Wheel Heads

Easy rotation of stainless steel pipes with zero contamination



Ball Transfer Heads

Easy movement of non-stainless steel pipes along a series of stands



Steel Wheel Heads

Easy rotation of non-stainless pipes

* Rollapipe Modular Heads are not interchangeable with Pipe Stand Modular Heads

Bull Roll

Ultimate tool for fabricators

- Adjustable for pipe up to 48"
- Unique bearing system allows for adjustment even under load
- Fully adjustable castor system for use on uneven surfaces
- 12" V Head, heavy duty polyurethane castors, quick action brakes and Pipeswizart® Hold Down Device come standard
- Simple, safe and affordable way to move pipes around



* MOQ: Must order 150 stands



Bull Roll

Model 442



Rollapipe

Complete solution for pipe rotation

- Pipes 2"—48" and 900kg can be rotated quickly and accurately
- Dual safety locking rings for safety
- Quick release handle makes height adjustment easy
- Available in 3 sizes:
24" Fixed Stand, 31" Fixed Stand,
29"—42" Adjustable Stand
- Steel wheel heads and rubber wheel heads have bronze bearings to eliminate arcing



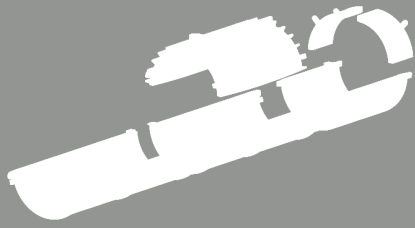
* MOQ: Must order 150 stands



Rollapipe

Model 443



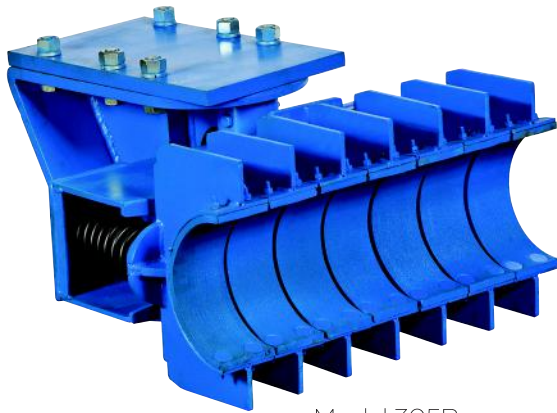


PIPE BENDING



On Bending Dies:

“90% of the world’s pipe bending dies in any brand of bending machine are manufactured by Sawyer.”



Model 305B

Tractor Bending Shoe

Versatile and rugged

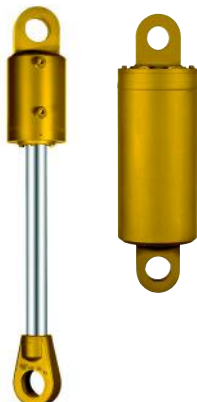
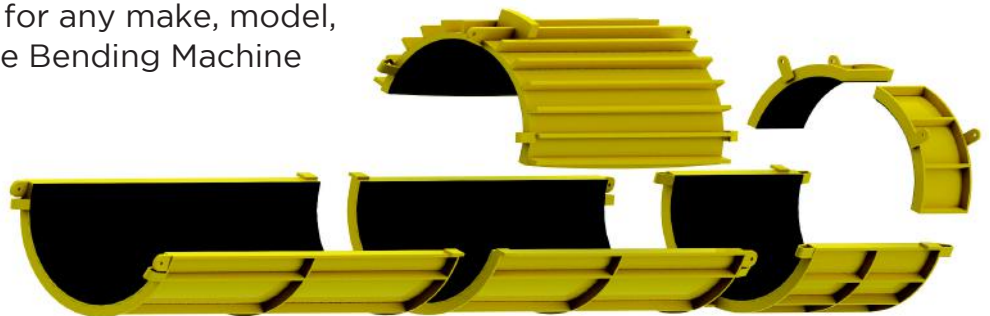
- Available for pipe sizes 3"—16"
- All Bending Shoe sizes work on the same adapter

*Tractor Bending Shoe Mount (which includes adapter, pins and springs) sold separately - Part 4AR

Pipe Bending Set

Check to see if it says Sawyer inside

- 20" sets come in 3 pieces with a Die, Stiffback, and Pinup Shoe
- 30" and larger sets come in 6 pieces with a Die, (2) Stiffback, Pinup Shoe, and (2) Pinup Clamps
- Sets are made for any make, model, and size of Pipe Bending Machine



Hydraulic Cylinders

Custom built for heavy equipment

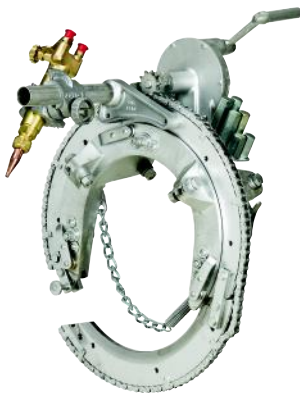
- Built to customer specifications
- Sizes range from 4" to 14" in diameter



Repair Services

Convenient and quick service

- High-quality technicians with experience in all aspects of maintenance and repair
- All brands and models of band-type beveling machines
- All Sawyer beveling machines: Bands, Compact, Quick Set
- Hydraulic Cylinders of all makes and sizes
- Timely execution of repairs



Machining Services

Conventional and Custom Machining

- Expert technicians trained to execute a full range of high precision machining techniques
- Conventional machines, lathes and CNC machines
- Low volume and unique parts

Conventional & Custom Machining Processes:

Milling	Threading:	Reaming	Turn Centers
Drilling	External	Parting/Cutting	High Speed Hard Die Milling
Boring	Internal	Facing	Wire EDM
Turning:	Tapping	Honing	Sinker/Plunger/Ram EDM
Contour Turning	Thread Milling	Grinding	Deburring
Form Turning	Knurling	Drilling	Grit Blasting
Taper Turning	Counterboring	4 & 5 Axis CNC Milling	Laser Marking
Straight Turning	Profiling	8 Axis CNC Mill	Brazing

Equipment:

Vertical Boring Mills	Vertical Mills
Horizontal Boring Mills	Drill Press
Engine Lathe	CNC Machines

Typical Part Size:	.050" to 80" diameter
Maximum Part Weight:	Up to 30,000 lbs.
Part Diameter:	Up to 80"
Part Length:	120" Centers, Turning Capacity 80" Length, Boring and Milling
Part Width:	Up to 120"
Part Height:	Up to 300"

Materials:

Steel - All Carbon and Alloy	Bronze
Stainless Steel	Brass
Aluminum	Copper
Nickel Alloys	Silver
Cast Iron	Plastics

Lifting Capacity:	15 Tons
Tolerances:	Precision to Specification
Production Volume:	Short and Long Run, 1 to 1,000
CAD Software:	SolidWorks
Preferred Format:	.igs, .prt, .stp

Milling Length:	Up to 80"
Milling Width:	Up to 80"
Milling Height:	Up to 60"
Turning Diameter:	Up to 60"



QUALITY
HERITAGE
TRADITION