



SMC
SAWYER
 MFG COMPANY

EXTERNAL CLAMPS

Sawyer's External Clamps are suited to distinct applications. Simple structure and increased accuracy make aligning pipe easy.

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EXTERNAL CLAMPS



Hand Lever Cage Clamp

Model: 255M

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



CAGE CLAMP ACCESSORIES

JACKSCREW WEDGE (480)

- 2 sizes for clamps 16"—28" and 30"—48"
- Will work with all major manufacturer's external clamps
- Hold fittings in place when using a cage clamp



Model 480

HI-LO WEDGE (460)

- 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



Model 460

Ratchet Cage Clamp

Model: 255R

- Available in sizes through 60"
- Built with removable or built-in handle
- Ratchet mechanism helps align pipe
- Left and right thread provides fast alignment
- Positive, accurate alignment
- Simple, quick and easy to use
- Constructed of quality steel for rugged specifications



Built-in ratchet handle



Removable ratchet handle



Hydraulic Cage Clamp

Model: 255H

- 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

Segmented Hydraulic Clamp

Model: 254

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

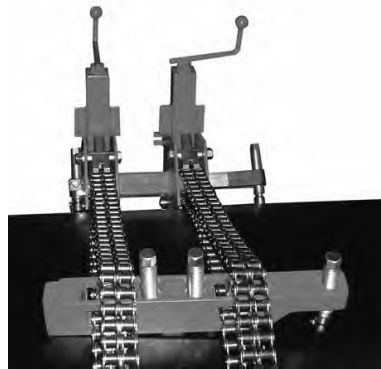


Model 254

Chain Clamp

Model: 260

- 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



Double Chain Clamp

Model: 261

- Reforms up to Schedule 80 on pipes from 10" to 72" diameter and beyond
- Pivoting jackbar pads for positive pipe alignment
- Available in steel or stainless steel
- Pipe can be welded with clamp in place
- Zinc plated and powder coated

Rim Clamp

Model: 258

- 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



Jackscrew Setting Gauge



Ultra Rim Clamp

Model: 258U

- 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

Aluminum Alignment Clamp

Model: 253

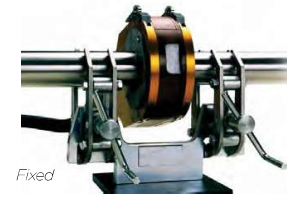
- For pipe sizes 3/4"—6"
- Designed to permit full 360° welding
- Line bored to assure positive, accurate alignment
- High strength cast aluminum alloy
- Special tubing sizes available



Precision Pipe Alignment Clamp

Model: 265

- 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



Qwik Clamp

Model: 251

- 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



EZ Clamp

Model: 252

- 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)

