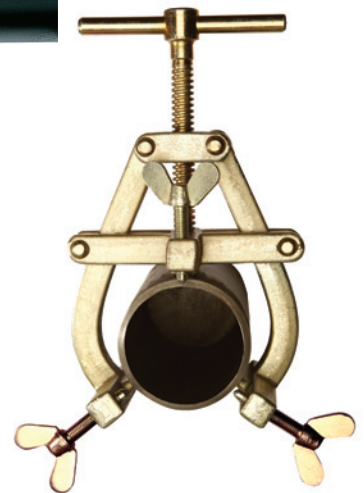
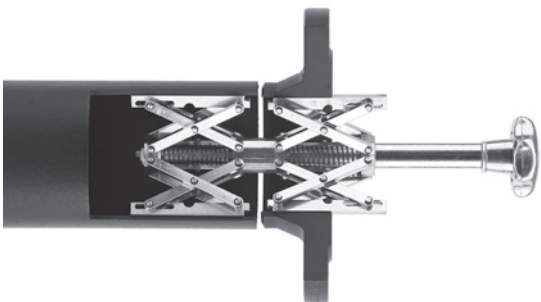
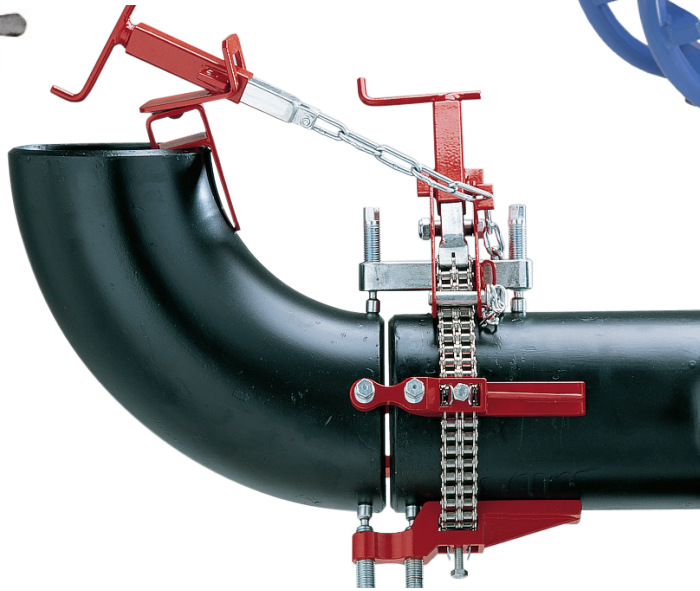




PIPE EQUIPMENT SPECIALISTS LTD

PIPE ALIGNMENT CLAMPS



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PIPE EQUIPMENT SPECIALISTS LTD

'E-Z FIT' RED

Pipe welding clamp 1-12" o/d

- Quick and E-Z to use
- Rugged frame, built for job site use
- Smooth roller clamping action for positive gripping
- Stainless steel contact points & alignment screws
- Operating handle repositions for close work
- Fine adjustment screws for quick fit-up
- Light weight for overhead work



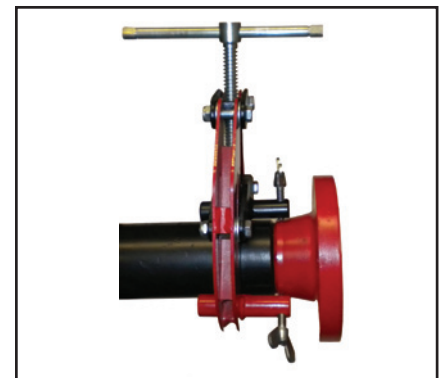
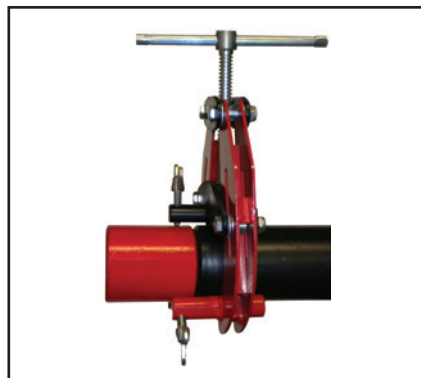
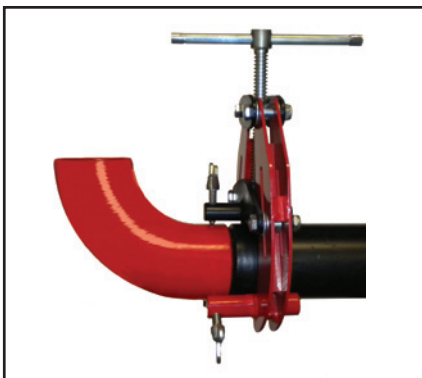
WORKING ON STAINLESS STEEL?

The new 'E-Z Fit' Red Pipe Clamp can be used on stainless steel without any additional accessories due to the feet and screws being made from stainless steel, preventing contamination of the pipe.

SIZES AVAILABLE

PART No.	PIPE DIAMETER IMPERIAL	PIPE DIAMETER METRIC	WEIGHT KG / LBS
EZR2	1"-2.5"	25-65 mm	1.5/3.5
EZR6	2"-6"	50-150 mm	4.0/9.0
EZR12	5"-12"	127-300 mm	6.7/15.0

'E-Z FIT' RED TYPICAL APPLICATIONS



WARNING:

These E-Z Fit clamps must not be used as a lifting device, as they may result in damage or injury

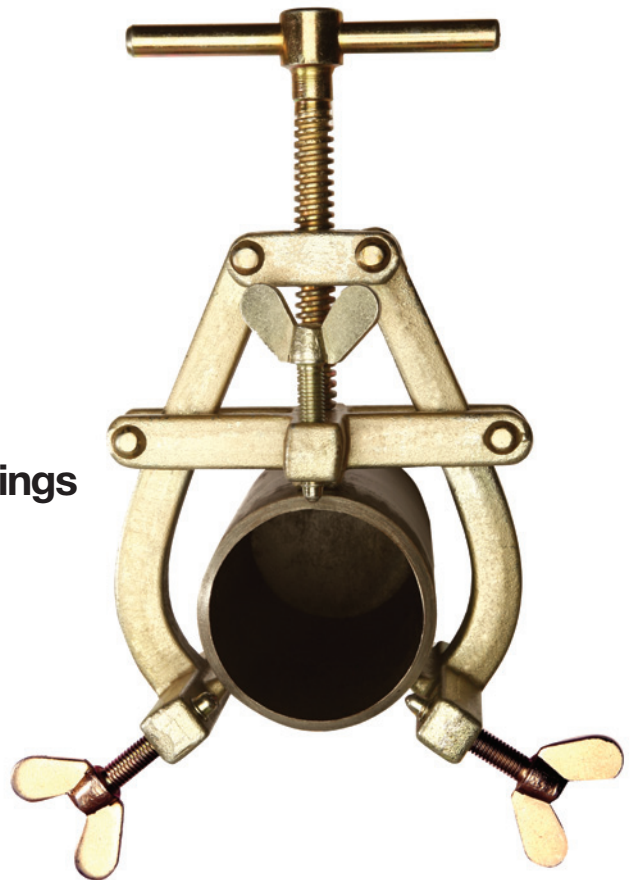
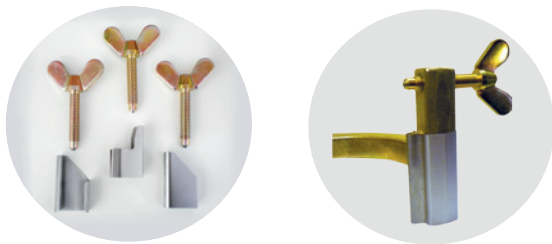
'E-Z FIT' GOLD

Pipe welding clamp 1-14" o/d

- Quick and E-Z to use
- Combines accuracy with safety
- Instant centring
- A quality product at low cost
- Forged steel construction for maximum strength
- Wing bolts with stainless steel bearings

OPTIONAL EXTRAS

Stainless Steel Shoes can be fitted quickly to the clamps. This makes the contact points of the clamp stainless, thus eliminating contamination of the pipe.



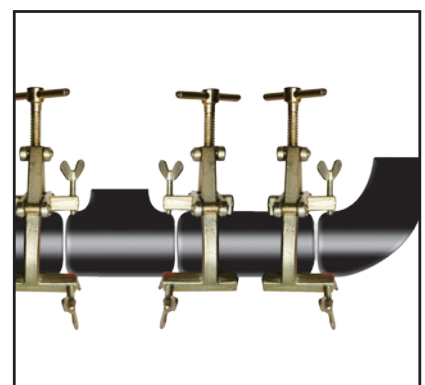
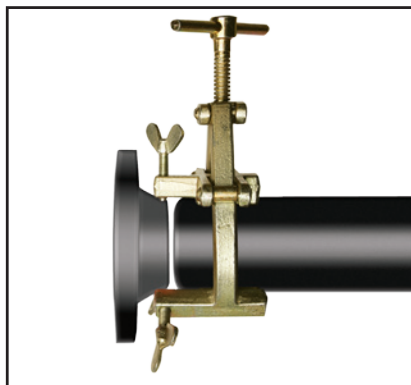
SIZES AVAILABLE

PART No.	PIPE DIAMETER IMPERIAL	PIPE DIAMETER METRIC	WEIGHT KG / LBS
EZG3	1"-3"	20-90 mm	1.4 / 3
EZG5	2"-5"	50-150 mm	3 / 7
EZG7	4"-7"	90-190 mm	3.3 / 7.5
EZG9	5"-9"	125-225 mm	7 / 15.5
EZG14	10"-14"	225-370 mm	9 / 20

STAINLESS STEEL SHOES & SCREWS

PART No.	PIPE CLAMP SIZE
EZGSS3	1"-3"
EZGSS5	2"-5"
EZGSS7	4"-7"
EZGSS9	5"-9"
EZGSS14	10"-14"

E-Z GOLD TYPICAL APPLICATIONS



WARNING:

These E-Z Gold clamps must not be used as a lifting device, as they may result in damage or injury

'E-Z FIT' SINGLE CHAIN CLAMPS

Heavy Duty Alignment and reforming clamps for Pipe and Vessels.

RANGE: 1"-72"

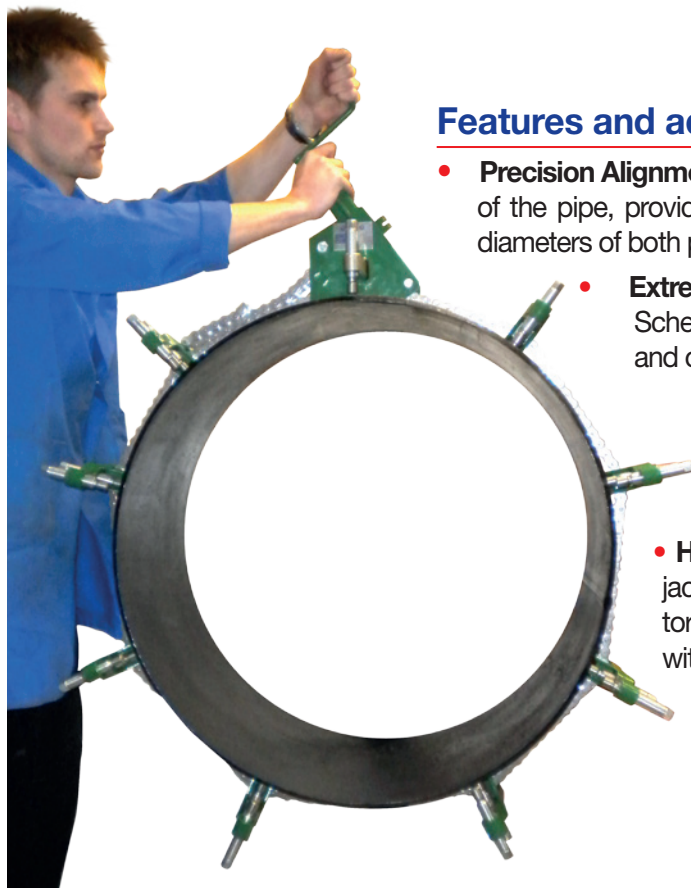
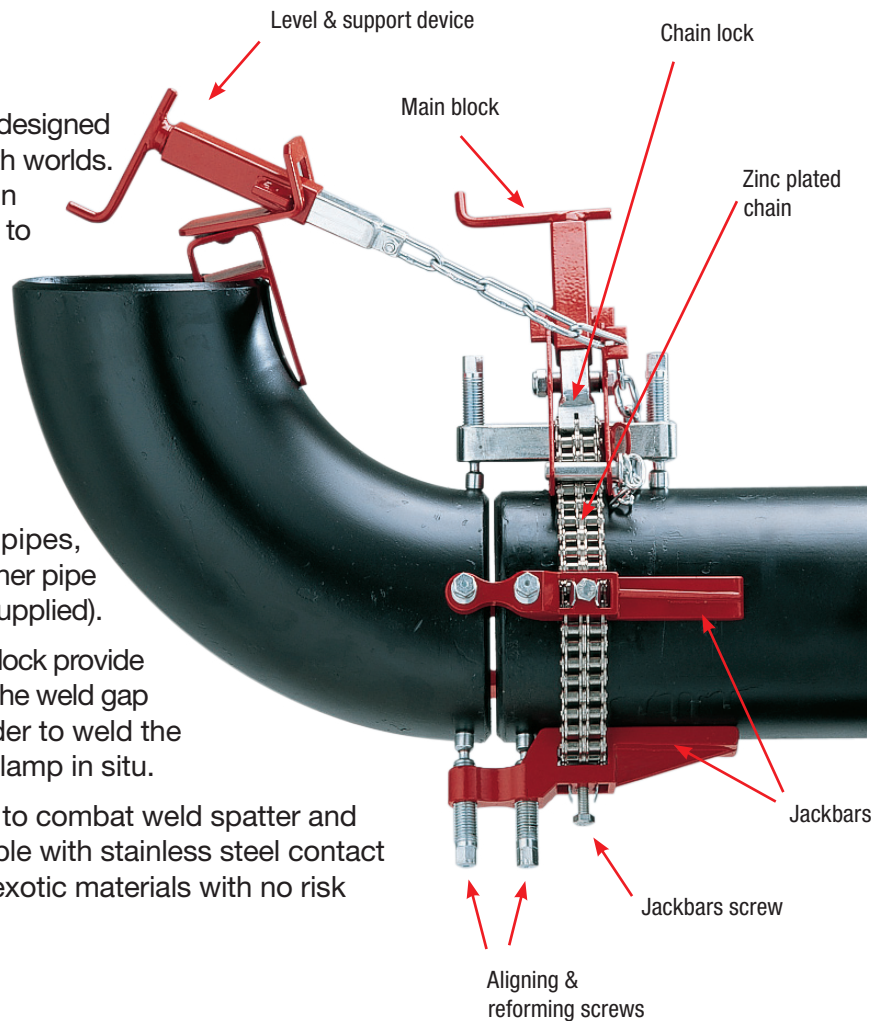
Our 'E-Z Fit' Pipe Chain Clamps have been designed to offer the welder/ pipe fitter the best of both worlds. A robust pipe clamp with the strength to align and reform, that is also lightweight and easy to operate.

Traditional methods for aligning heavy wall pipe, such as ratchet cable pullers, lugs and bottle jacks are time consuming and inconsistent in the results they achieve, making them unsuitable for the majority of critical alignment applications.

One clamp can fit up a variety of sizes of pipes, elbows, tees, flanges end caps and most other pipe fittings (using the level and support device supplied).

The heavy duty high rise Jackbars and main block provide the strength to reform the pipe either side of the weld gap to eliminate "Hi-Lo", whilst enabling the welder to weld the entire circumference of the pipe with the clamp in situ.

Our chain and screws are zinc passivated, to combat weld spatter and corrosion. All E-Z Chain Clamps are available with stainless steel contact points and chain to enable the welding of exotic materials with no risk of contamination.

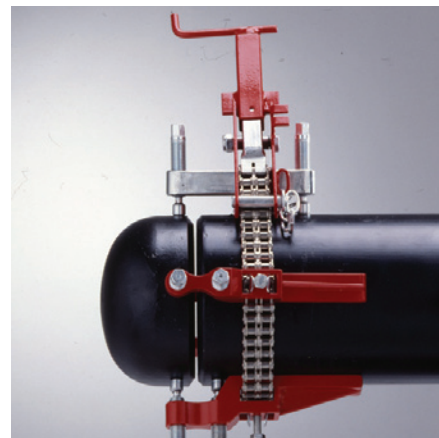
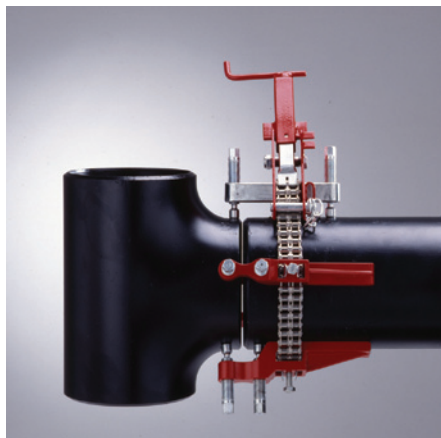


Features and advantages:

- **Precision Alignment** – The double jackbars, spaced around the outside diameter of the pipe, provide concise alignment and reforming of the internal or external diameters of both pipes within 0.5mm.
- **Extremely Tough** – Reforms pipes on both sides of the weld joint to Schedule 40 pipe and aligns any wall schedule of pipe, elbows, tees and other fittings.
 - **Adaptable** – The Chain Clamp can be used to align, and reform elbows, tees and other fittings that a cage clamp can not manage. One Chain Clamp covers the range of eight (8) cage clamps
- **High Rise Independent Jackbars** – Double jackscrew 'high rise' jackbars have extra clearance enabling easy access with welding torch/rod. Each Jackscrew has independently pivoting feet to cope with uneven surfaces.
- **Safe** – Elbows, tees and other fittings can be held safely and securely in place during alignment with the level and support device.

'E-Z Fit' Pipe chain clamp versatility

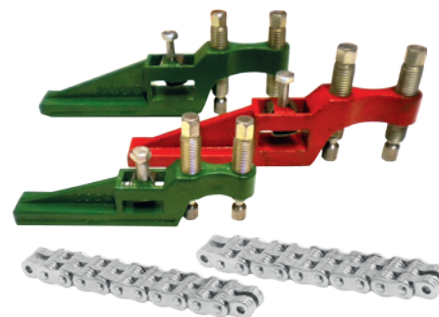
Some examples of fit-ups with the 'E-Z Fit' Pipe Chain Clamp. Each clamp is supplied with all accessories to carry out any fit-up and includes a steel storage box



Our jackbars are cast from the highest quality alloy steels. Lightweight design and construction make them strong and durable yet user-friendly. All jackbars have two aligning screws allowing reforming pressure to be applied to both pieces of pipe.

Additional jackbars can be used if extra pressure is required between the standard jackbars. The jackscrew pads independently pivot to handle uneven surfaces.

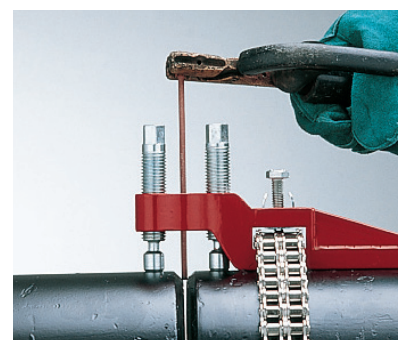
Spacing screws can also be added for precise weld gap adjustment.



Standard or heavy duty chain is available according to reforming requirements

'E-Z Fit' Pipe Chain Clamps Include:

- Length of chain required for the pipe range
- Double jackscrew jackbars listed for the pipe range
- Main block
- Fine adjustment
- Level and support device
- Jackscrew wrench
- Parts and operating manual
- Metal Storage box



The jackbars are designed to allow clearance around the pipe for any welding torch or rod.

PART No.	PIPE DIAMETER RANGE "/>				
EZSCC8	1-8 / 25-203	3	40	80	12 / 27
EZSCC8SS	1-8 / 25-203	3	40	80	12 / 27
EZSCC20	4-20 / 102-500	7	40	80	33 / 72
EZSCC20SS	4-20 / 102-500	7	40	80	33 / 72
EZSCC36	10-36 / 254-914	8	40	80	67 / 144
EZSCC36SS	10-36 / 254-914	8	40	80	67 / 144
EZSCC54	10-54 / 254-1372	13	40	80	82 / 180
EZSCC54SS	10-54 / 254-1372	13	40	80	82 / 180
EZSCC72	10-72 / 254-1829	16	40	80	90 / 199
EZSCC72SS	10-72 / 254-1829	16	40	80	90 / 199

'E-Z FIT' DOUBLE CHAIN CLAMPS

Ultra heavy duty double chain reforming alignment clamp

RANGE: 10"-240"

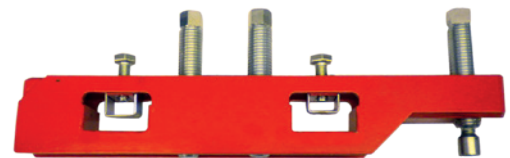
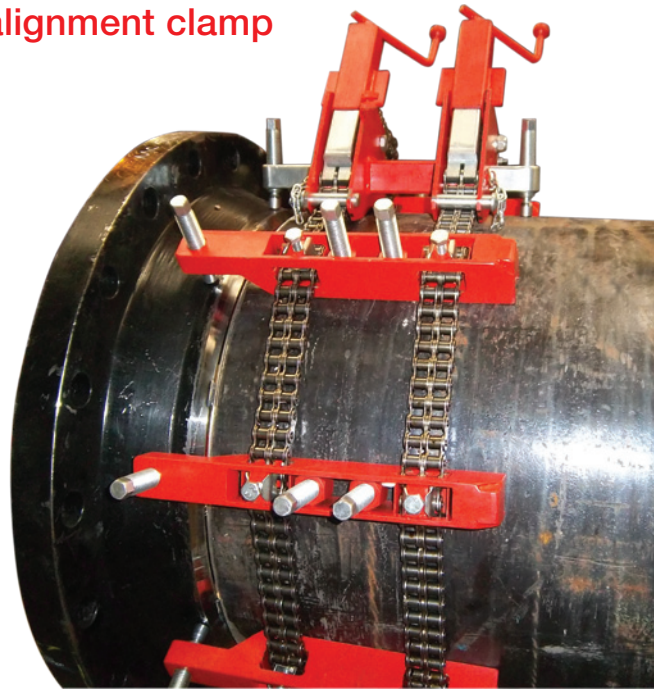
The Double Chain Clamp is an extra heavy-duty clamp designed for alignment and reforming of pipes and vessels up to 20' (6M) with up to Schedule 80 wall thickness. The double chain clamp will align pipes with any wall schedule.

Our Specialized heavy duty jackbars and double chain lock devices can deal with the most difficult of reforming jobs with operational ease.

The extra heavy-duty jackbars and double main block provide the strength to accomplish reforming jobs on pipe wall thicknesses that other clamps simply cannot. Models 10" to 36" to 10" to 54" come with level and support device and all other models come with cable hoist.

The 'E-Z Fit' Double Chain Clamps are available as stainless steel models with stainless steel contact points and chain to enable the welding of exotic materials with no risk of contamination. All clamps are supplied in their own durable colour coded storage cases.

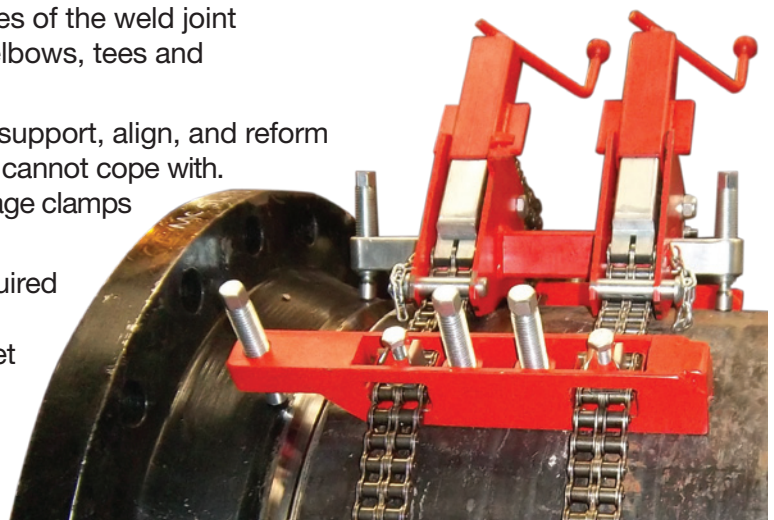
Clamps can also be supplied with an optional torque wrench to apply the correct tension to the chain (150nm). This allows the exact required tension to be applied to the chain.



Heavy duty jackbars for arduous aligning and reforming jobs

Features and advantages:

- **Precision Alignment** – The double jackbars, spaced around the outside diameter of the pipe, provide accurate alignment and reforming of the internal or external diameters of both pipes within 0.5mm.
- **Extremely Tough** – Reforms pipes on both sides of the weld joint to Schedule 80, and aligns all wall schedules, elbows, tees and other fittings.
- **Adaptable** – The Chain Clamp can be used to support, align, and reform elbow, tees and other fittings that a cage clamp cannot cope with. One Chain Clamp covers the range of eight (8) cage clamps
- **Extra Heavy Duty Independent Jackbars** – Enable the operator to form the pipe to the required shape. Each Jackscrew has independently pivoting feet to cope with uneven surfaces.
- **Versatile** – Elbows, tees and other fittings can be aligned with the level and support device.

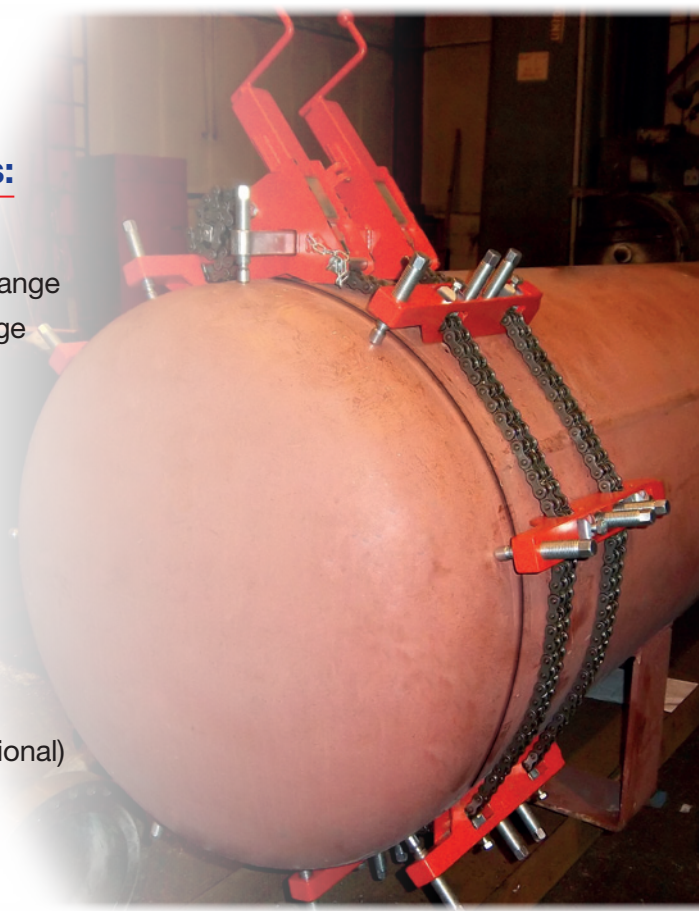


'E-Z Fit' Double Chain Clamp includes:

- Length of chain required for the pipe range
- Extra heavy-duty jackbars listed for the pipe range
- Number of Main blocks listed for the pipe range
- Two (2) fine adjustments
- Level and support device
(larger clamps supplied with come-a-long)
- Jackscrew wrench
- Operating instructions

Optional:

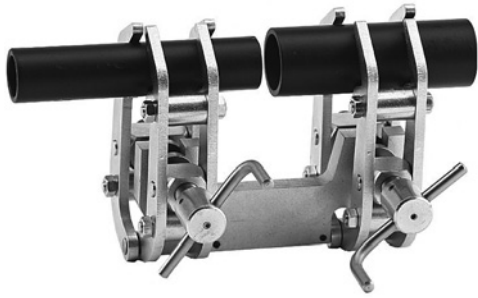
- Torque wrench
- Carbon or stainless steel spacing screws (optional)
- Additional jackbar



PART No.	PIPE DIAMETER RANGE "/MM	NO. OF JACKBARS	NUMBER OF MAIN BLOCKS	SHIPPING WEIGHT KG / LBS
EZDCC/10-36	10-36 / 254-914	9	1	100 / 220
EZDCC/10-36 SS	10-36 / 254-914	9	1	100 / 220
EZDCC/10-48	10-48 / 254-1219	12	1	126 / 278
EZDCC/10-48 SS	10-48 / 254-1219	12	1	126 / 278
EZDCC/10-54	10-54 / 254-1372	14	1	136 / 300
EZDCC/10-54 SS	10-54 / 254-1372	14	1	136 / 300
EZDCC/10-60	10-60 / 254-1524	16	1	149 / 328
EZDCC/10-60 SS	10-60 / 254-1524	16	1	149 / 328
EZDCC/10-72	10-72 / 254-1829	20	1	176 / 387
EZDCC/10-72 SS	10-72 / 254-1829	20	1	176 / 387
EZDCC/10-84	10-84 / 254-2134	24	1	200 / 442
EZDCC/10-84 SS	10-84 / 254-2134	24	1	200 / 442
EZDCC/10-96	10-96 / 254-2438	28	2	226 / 498
EZDCC/10-96 SS	10-96 / 254-2438	28	2	226 / 498
EZDCC/10-108	10-108 / 254-2743	32	2	251 / 554
EZDCC/10-108 SS	10-108 / 254-2743	32	2	251 / 554
EZDCC/10-120	10-120 / 254-3048	36	2	277 / 610
EZDCC/10-120 SS	10-120 / 254-3048	36	2	277 / 610
EZDCC/10-132	10-132 / 254-3353	39	2	299 / 660
EZDCC/10-132 SS	10-132 / 254-3353	39	2	299 / 660
EZDCC/10-144	10-144 / 254-3715	42	2	322 / 710
EZDCC/10-144 SS	10-144 / 254-3715	42	2	322 / 710
EZDCC/10-168	10-168 / 254-4267	48	3	367 / 810
EZDCC/10-168 SS	10-168 / 254-4267	48	3	367 / 810
EZDCC/10-192	10-192 / 254-4877	54	3	410 / 910
EZDCC/10-192 SS	10-192 / 254-4877	54	3	410 / 910
EZDCC/10-216	10-216 / 254-5486	60	3	455 / 1010
EZDCC/10-216 SS	10-216 / 254-5486	60	3	455 / 1010
EZDCC/10-240	10-240 / 254-6096	66	3	500 / 1110
EZDCC/10-240 SS	10-240 / 254-6096	66	3	500 / 1110

'E-Z FIT' INTERNAL SPIDER CLAMPS

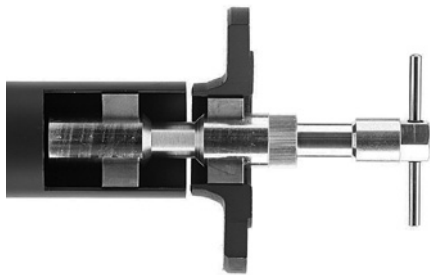
Specialist pipe welding alignment clamps for steel or stainless steel



SCISSOR CLAMP SERIES 100

For quick and accurate alignment of pipes of equal or differing diameters on a common centre line. Automatic diameter compensation. There's no need to make additional adjustments. All parts stay easily accessible for welding.

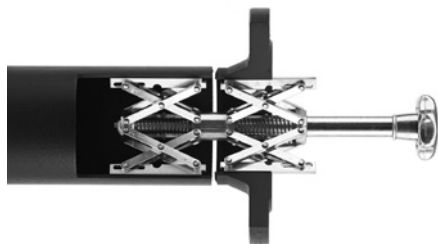
PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
100-1	10-70	2.1 / 5
100-2	40-140	5.9 / 13
100-3	75-330	26 / 57.5



LINEAR CLAMP SERIES 200

For quick and accurate alignment and clamping of flanges, nozzles, short pipe sections to pipes and cylindrical tanks. Wedge shaped clamps provide automatic compensation even for parts with greatly differing diameters. Clamps are available in stainless steel.

PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
200-1	15-19	0.20 / 0.7
200-2	16-20	0.20 / 0.7
200-3	19-25	0.25 / 0.9
200-4	24-32	0.50 / 1
200-5	31-40	0.50 / 1
200-6	38-52	1.25 / 3
200-7	51-64	1.25 / 3



SPIDER CLAMP SERIES 300

For quick and accurate alignment and clamping of flanges, nozzles, short pipe sections, etc. to pipes and cylindrical tanks. Locating rails for right angle abutments and automatic diameter compensation even for extremely differing pipe diameters. There's no need for additional adjustments. The internal clamp allows free access so that all parts can be welded. Locating rails are available in stainless steel.

PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
300-1	54-140	1.25 / 3
300-2	85-220	3.6 / 8

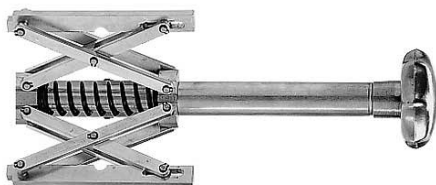
SPIDER CLAMP SERIES 301



For use on rotating welding-tables and revolving devices. This model is equipped with elongated centre shaft

PART NO.	CLAMPING RANGE (MM)	SHAFT LENGTH	WEIGHT KG / LBS
301-1	54-140	120	1.25 / 3
301-2	85-220	150	3.6 / 8
301-3	120-350	190	10.5 / 23

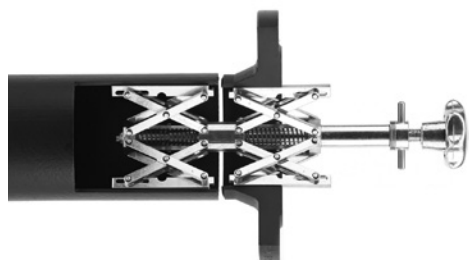
SPIDER CLAMP SERIES 302



For clamping pipes of equal diameter or as a clamp with only one expanding clamping part.

PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
302-1	54-140	1.1 / 2
302-2	85-220	2.5 / 6
302-3	120-350	6 / 13
302-4	180-520	14 / 31
302-5	400-940	20 / 44

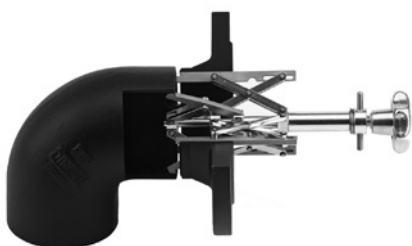
SPIDER CLAMP SERIES 400



This model has two independent expanding clamps, allowing coaxial alignment of two hollow cylindrical components of different diameters. The bottom expanding clamp is inserted and clamped in the pipe by means of the knob. Then the other part (e.g. a flange) is placed over the top expanding clamp and clamped by means of the hand-bar. Compared with model 300. This model is specially suited for heavy parts. Locating rails are available in stainless steel.

PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
400-1	54-140	1.25 / 3
400-2	85-220	3.6 / 8
400-3	120-350	10.5 / 23
400-4	180-520	27 / 60
400-5	400-900	39 / 86

ELBOW SPIDER CLAMP SERIES 500



This model with two independent clamps is used for clamping flanges of all kinds and similar parts to elbows and pipe-bends of various diameters. The lower expanding clamp has strong gripping feet which insert into the bend and are tightened by means of the knob. The top expanding clamp is tightened by means of the handbar in the flange.

PART NO.	CLAMPING RANGE (MM)	WEIGHT KG / LBS
500-1	54-115	1 / 3
500-2	85-195	3.3 / 7
500-3	120-315	9.5 / 21
500-4	180-520	23.1 / 51

CAGE CLAMPS

Size specific rapid locking external alignment pipe clamps

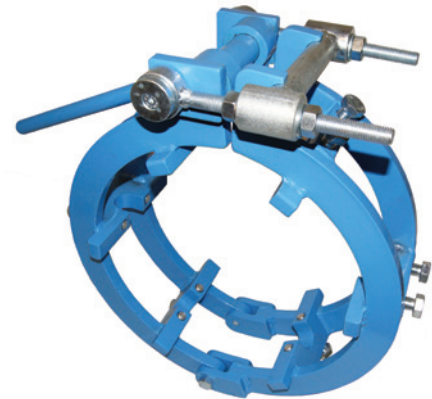
Cage Clamps are the cost effective method to quickly align a single size of pipe. There are three versions available; manual, ratchet and hydraulic. These are available in two styles, either "Tack" or "No Tack". The tack type has straight cross bars and is removed from the pipe before final welding. The more popular no tack model has arched cross bars to permit a 90% circumferential weld without removing the clamp.

MANUAL CAGE CLAMPS

Range: 2-60"

External Pipe Alignment Clamps are available in sizes ranging from 2" to 60". The Cage clamp is designed to achieve rapid alignment of two pieces of pipe prior to welding.

- Will not back off while weld is being made.
- Simple and easy to use.



RATCHET CAGE CLAMPS

Range: 6-60"

The TAG ratchet type External Line-up Clamp is very strong and accurate, but is also lightweight with either 'standard' flat cross bars or 'no tack' arched cross bars.

- Precision Acme Threads ensure great strength and ease of operation.
- Will not back off while weld is being made.
- Mechanism is enclosed to eliminate dirt or mud.
- Standard 1" ratchet handle fits all sizes.



HYDRAULIC CAGE CLAMPS

Range: 12-80"

Up to 120" external NO-TACK type line-up clamps, lines up pipe for weld to enable the maximum weld to be made without moving the clamp, hand toggle or powerful hydraulic for accurate alignment.

- Hydraulic jack capacity 10-12 ton.
- Specials upon request



RIM CLAMPS

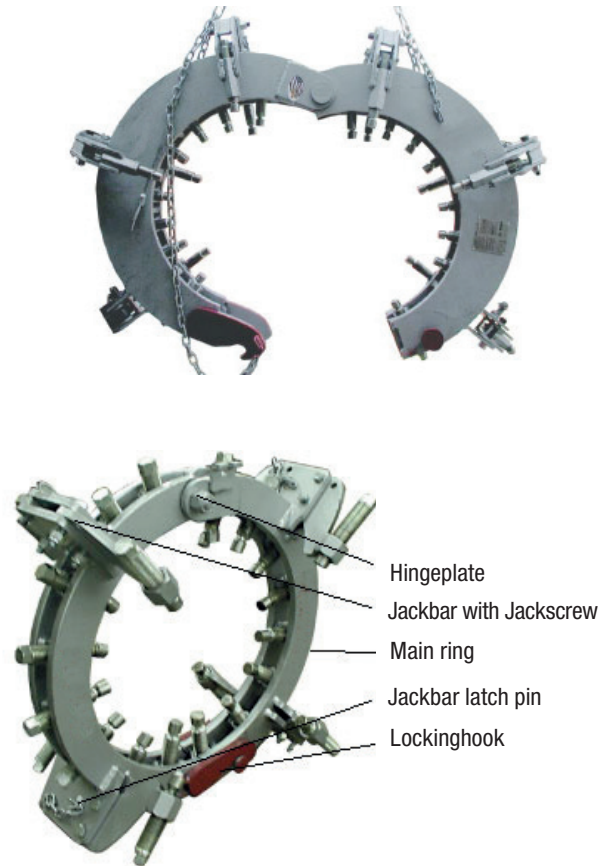
Ultra heavy duty reforming and alignment pipe clamp

Designed for aligning and reforming pipes with extreme tensile strengths, and capable of handling out of round wall thicknesses up to 51mm.

Jackscrews apply pressure on specific high points to precisely reform and align the pipe or shells, ideal for applications that require critical alignment. Thanks to the moveable jackbars that can be rotated for ease of access, welding and grinding can be completed without releasing clamping pressure to prevent cracking of partially completed welds.

Heavy duty oval-shaped frame, latching mechanism, and jackscrews give the Rim Clamp unrivalled re-forming strength, and the capability to handle out of round wall thicknesses up to 51mm. All surfaces of the Rim Clamp that contact the pipe are made of stainless steel, eliminating the risk of contamination when working with exotic materials enabling the Rim clamp to be used in nuclear, water and other similar high purity applications.

Sizes 14" and larger feature an automatic locking device to minimize the risk of operator injury.



Features and advantages:

- **Extremely accurate** – fit-up on large diameter pipe or shells.
- **Heavy duty** – handles out-of-round conditions up to 2" (51mm).
- **Easy alignment and reforming** – pressure can be applied to high points of the pipe or vessel to reform it to the required shape.
- **Versatile** – the clamp can be used for steel or stainless steel applications.

PART No.	PIPE DIAMETER RANGE	REFORMS PIPE TO SCHEDULE	ALIGNS PIPE TO SCHEDULE	CLAMP WEIGHT KG / LBS
RC/12-14	12-14	80	120	54 / 119
RC/14-16	14-16	80	120	86 / 190
RC/16-18	16-18	80	120	108 / 238
RC/14-20	14-20	80	120	126 / 278
RC/18-24	18-24	80	120	158 / 348
RC/20-26	20-26	80	120	162 / 357
RC/22-28	22-28	80	120	171 / 377
RC/26-32	26-32	80	120	180 / 397
RC/30-36	30-36	80	120	189 / 417
RC/34-40	34-40	80	120	203 / 447
RC/38-44	38-44	80	120	221 / 487
RC/42-48	42-48	80	120	230 / 507
RC/44-50	44-50	80	120	275 / 606
RC/46-52	46-52	80	120	275 / 606
RC/54-60	54-60	80	120	338 / 745

Smaller and larger sizes available on request.

OTHER PRODUCTS



PIPE BEVELLING MACHINES



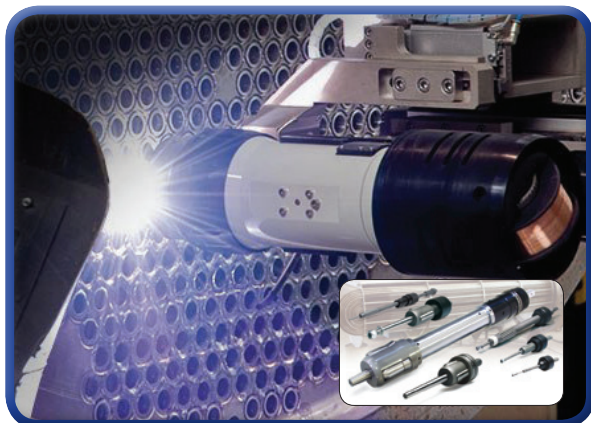
PIPE CUTTING MACHINES



PIPE PURGING



PIPE STANDS & BUGGIES



HEAT EXCHANGER MANUFACTURE AND MAINTENANCE EQUIPMENT



PLATE BEVELLERS



PIPE EQUIPMENT SPECIALISTS LTD

Unit L10, Telford Road, Bicester, Oxon, OX26 4LD, England

Tel: +44 (0)1869 324144

email: sales@tag-pipe.com www.tag-pipe.com

Our company policy is one of continuous improvement. Products may change or vary from those illustrated.

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