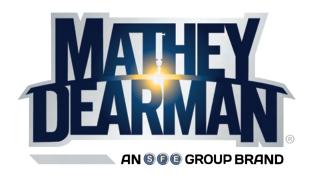
PIPE CUTTING, BEVELLING, ALIGNMENT & RIGGING EQUIPMENT





BROCHU

www.MATHEY.com





The **Specialized Fabrication Equipment Group** (in short: **S.F.E. Group**) was founded in 2019 after the merger of three world leading OEM's in the field of pipe fabrication tooling and machinery: B&B Pipe and Industrial Tools LLC (USA), Mathey Dearman Inc. (USA) and TAG Pipe Equipment Specialists (UK). In a time span of 5 years, another 4 renowned and market leading companies were acquired and added to the **S.F.E. Group** portfolio: Axxair (France, 2022), Magnatech (USA, 2023), Climax (USA, 2023) and Sumner (USA, 2025).

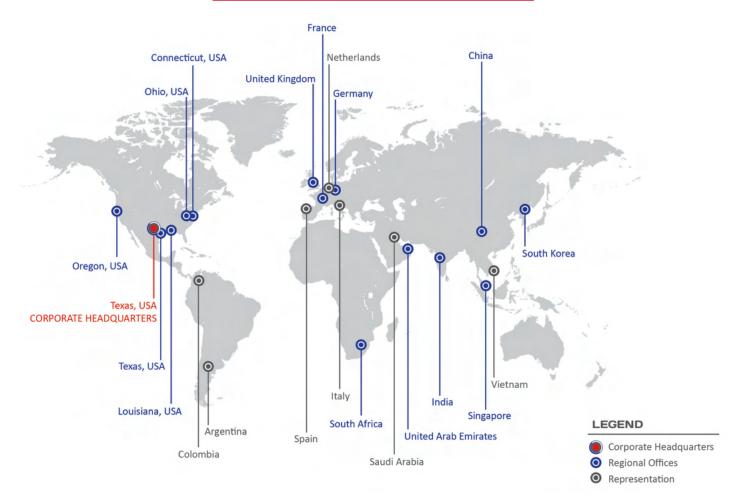
The vision and philosophy of the **S.F.E. Group** is to offer globally a comprehensive innovative and cost-effective range of specialized fabrication, welding and machining equipment and derived rental solutions, for a wide range of applications within all critical industries, while optimizing performance, efficiency and safety.

Leveraging over 200 years of combined experience in engineering, manufacturing, and field applications, the **S.F.E. Group** is committed to driving innovation. Through continuous product development and strategic acquisitions, the **S.F.E. Group** is actively growing its portfolio and expanding its global presence to meet the demands of industries around the world. Currently, the **S.F.E. Group** consists of 12 complimentary brands, each supporting the others in delivering cutting-edge solutions.

With offices and warehousing on 5 continents, 400+ employees and more than 500 partnerships and distributors worldwide, **S.F.E. Group** prides itself on consistently offering the highest standards of both product quality and service locally to all its customers.

S.F.E. Group looks forward to welcoming you into its global network as a partner, distributor or end user customer and remains at your disposal at any time.

Contact Americas: sales@sfe-brands.com Contact International: sales-int@sfe-brands.com



S.F.E. GROUP GLOBAL PRESENCE



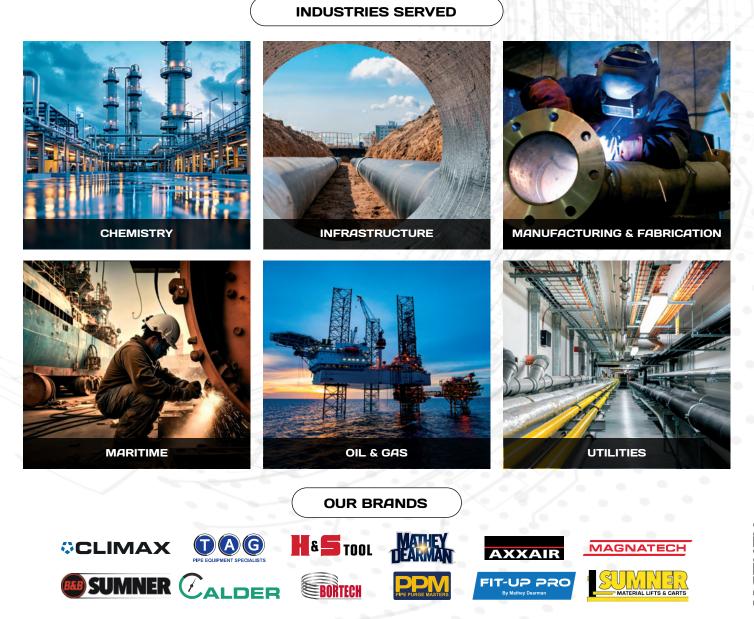


Mathey Dearman was originally founded in the United States in the 1930's and is headquartered in Tulsa, OK. During the first decades, founder C.A **Mathey** developed patented saddle-type portable pipe cutting and beveling machines and clamping, pipe alignment and reforming systems for pipes. Mathey Dearman rapidly became a worldwide recognized authority in pipe rigging equipment and is still today setting the benchmark and being the point of reference for many applications.

With the merger in 2019 of B&B Pipe and Industrial Tools LLC (USA), **Mathey Dearman Inc.** (USA) and TAG Pipe Equipment Specialists (UK) and the recent addition in 2022 of AXXAIR (France) into Specialized Fabrication Equipment (S.F.E.) Group, the various product groups offered by the original manufacturers have been realigned and integrated into the overall S.F.E. Group range of pipe cutting and pipe alignment equipment while keeping their own brand identity.

The **Mathey Dearman** brand portfolio consists of a comprehensive range of pipe fitting equipment, pipe flame cutting and beveling machines, pipe alignment and reforming clamps, pipe rigging equipment and Fit-Up Pro's range of fit-up, alignment, layout and marking tools.

Mathey Dearman products are always nearby available within the S.F.E. Group global network and can be consulted on the dedicated website: **www.MATHEY.com**



Our group policy is one of continuous improvements and acquisitions. Products and data tables are subject to change and may vary from those illustrated. Copyright © 2025 Specialized Fabrication Equipment Group, All rights reserved.

2 INTRODUCTION TO S.F.E. GROUP

3

INTRODUCTION TO MATHEY DEARMAN

5

PIPE FLAME CUTTING & BEVELLING MACHINE

6 SADDLE MACHINE MOTORIZED / MANUAL 1.5 - 48" / 38 - 1,219 mm



E-Z PIPECUT MACHINES

14 E-Z PIPECUT MANUAL 4.5 - 24" / 114 - 600 mm

15 E-Z PIPECUT AUTO 4.5 - 24" / 114 - 600 mm

16 E-Z PIPECUT MAGNETIC



BAND CRAWLER CUTTING & BEVELLING MACHINE

18 BAND CRAWLER CUTTING & BEVELING MACHINE 10 - 60" / 254 - 1,524 mm











PIPE ALIGNMENT & REFORMING CLAMPS

22 STURDI PIPE CHAIN CLAMP 1 - 72" / 33.4 - 1,827 mm

24

DOUBLE JACKSCREW CHAIN CLAMP 4 - 72" / 114.3 - 1,827 mm

26

E-Z FIT DOUBLE CHAIN PIPE CLAMP 10 - 240" / 273 - 6,100 mm

> **28** DOUBLE CHAIN CLAMP 10 - 240" / 273 - 6,100 mm

> **30** RIM CLAMP 4 - 60" / 114.3 - 1,524 mm

32 MANUAL LEVER CAGE CLAMP 2 - 60" / 60.3 - 1,524 mm

33 RATCHET & HYDRAULIC CAGE CLAMPS 6 - 60" / 168.2 - 1,524 mm

> **34** SUPER CLAMP 4 - 60" / 114.3 - 1,524 mm

37

PIPE RIGGING EQUIPMENT

38 SLINGS & CRADLES 2 - 36" / 50.8 - 914 mm

40

PIPE LAUNCHERS 2 - 60" / 50.8 - 1,524 mm

42

BEAM CLAMP ROLLERS 4 - 60" / 114.3 - 1,524 mm

PIPE FLAME CUTTING & BEVELLING MACHINE



1.5 - 48" / 38 - 1,219 mm





SADDLE MACHINE MOTORIZED / MANUAL

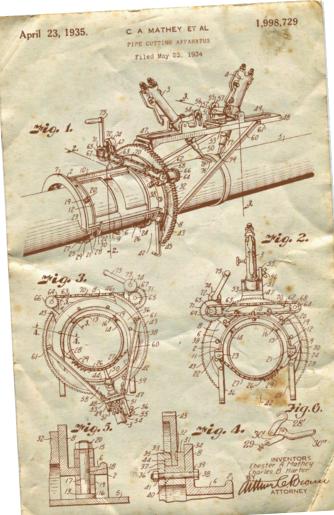


1.5 - 48" / 38 - 1,219 mm

The industry standard for over 90 years, the Mathey Dearman saddle machine is versatile, simple to use, and perfect for almost any pipe cutting and beveling application. Lightweight and durable, the Mathey Dearman machine is designed for accurate, quality cuts on 1.5 - 48" / 38 - 1,219 mm pipes.

Versatile - every model works on a range of pipe sizes
Adaptable - works with all standard torches, including plasma
Portable - light and compact, perfect for shop or field applications
Easy set-up - mount and begin cutting in as little as 5 minutes
Proven - depended on by professionals for over 70 years
Fast - pipe is ready to weld up to five times quicker than hand cutting and grinding

Mathey Dearman has been the leader in pipe cutting since its invention of the saddle machine in 1934.





Manual saddle machine includes:

- Saddle machine
- Torch arm
- Torch carrier assembly (torch diameter 1.375" / 35 mm)
- Boomer assembly (fastens the machine to the pipe)
- Spacer bolt set
- Parts and operating manual

Note: Machine torches sold separately.





Want the easiest way to get a perfect cut every time?

Motorized saddle machines from Mathey Dearman are precise and fast, delivering smooth cuts requiring little or even no grinding. Both experienced and inexperienced welders can benefit from the increased productivity (up to 5 times quicker!) and cut quality of motorized saddle machines compared to traditional hand-cutting or manual machines.

Motorized PLASMASPEED saddle machines can use 110/230 VAC for pipe sizes 1.5 - 48" / 38 - 1,219 mm and can operate at increased cutting speeds to use powerful plasma torches.

It's what Mathey Dearman calls PLASMASPEED!

Motorized saddle machine includes:

- 110/230 VAC motorized saddle machine
- Torch arm
- Torch carrier assembly
- Boomer assembly (fastens the machine to the pipe)
- Spacer bolt set
- Parts and operating manual
- Mounting bracket
- Right-angle precision stepper motor
- Motor control box
- Plasma communication cable (10 foot length, compatible with Hypertherm plasma cutter with a CPC port)

Note: Machine torches sold separately - machine shown with optional step spacers and pro model torch.



Conventional cutting vs saddle cutting time

Hand cutting

Time: 30 minutes

- 8" schedule 40 pipe being cut by hand. Time includes measuring, cutting and grinding
- Longer than necessary layout time
- Excessive amount of time to cut the pipe
- Inaccurate/uneven cut requiring grinding
- Extended fit-up time
- Uneven weld gap

Mathey Dearman cutting Time: 6 minutes

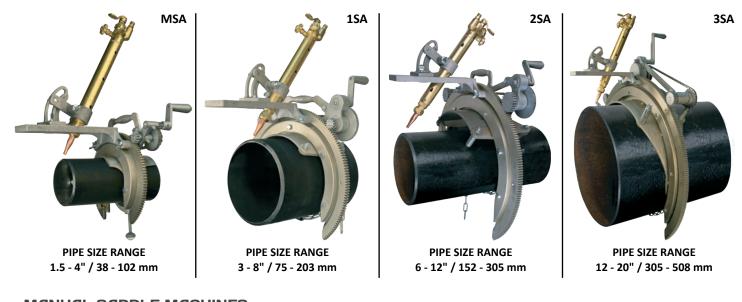
- 8" schedule 40 Pipe being cut with a 1SA manual saddle machine
- Perfect cut
- No grinding
- Perfect fit-up

The above is approximate

SADDLE MACHINE MOTORIZED / MANUAL



1.5 - 48" / 38 - 1,219 mm



MANUAL SADDLE MACHINES

MACHINE MODEL	MSA	1SA	2SA
Manual with spacer bolts	03.0100.000	03.0101.000	03.0102.000
Manual with step spacers	n/a	03.0151.000	03.0152.000

MOTORIZED SADDLE MACHINES / PLASMASPEED

MACHINE MODEL	MSA	1SA	2SA
Motorized with spacer bolts 115/230 VAC	03.0100.501	03.0101.S01	03.0102.501
Motorized with step spacers 115/230 VAC	n/a	03.01S1.S01	03.0152.501

PLASMASPEED RETROFIT KITS

MACHINE MODEL	MSA	1SA	2SA
PLASMASPEED retrofit kits 115/230 VAC	03.0100.SA1	03.0101.SA1	03.0101.SA1

GENERAL SPECIFICATIONS

MACHINE MODEL	MSA	1SA	25A	
Pipe size	1.5 - 4" / 38 - 102 mm	3 - 8" / 75 - 203 mm	6 - 12" / 152 - 305 mm	
Net weight	10 lbs / 5.00 kg	16 lbs / 7.00 kg	26 lbs / 12.00 kg	
Estimated shipping weight	12 lbs / 5.44 kg	24 lbs / 10.89 kg	34 lbs / 15.40 kg	
Shipping dimensions	12 x 12 x 10" (305 x 305 x 254 mm)	18 x 18 x 11.5" (457 x 457 x 492 mm)	23 x 23 x 12.5" (584 x 584 x 318 mm)	
Maximum speed (motorized) ipm* / mpm**	141 / 3,581	71 / 1,803	89 / 2,261	
Minimum speed (motorized) ipm* / mpm**	4 / 102	4 / 102	6 / 152	
Includes spacer bolts to cut pipe sizes	2", 3", 4" (60.3, 88.9, 114.3 mm)	3", 4", 6", 8" (88.9, 114.3, 168.2, 219 mm)	6", 8", 10", 12" (168.2, 219, 273, 323.8 mm)	





3SA	4SA	5SA	6SA	8SA
03.0103.000	03.0104.000	03.0105.000	03.0106.000	03.0108.000
03.01\$3.000	n/a	n/a	n/a	n/a

3SA	4SA	5SA	6SA	8SA
03.0103.S01	03.0104.S01	03.0105.S01	03.0106.S01	03.0108.501
03.01\$3.\$01	n/a	n/a	n/a	n/a

3SA	3SA 4SA		6SA	8SA	
03.0103.SA1	03.0103.SA1	03.0105.SA1	03.0105.SA1	03.0105.SA1	

3SA	4SA	4SA 5SA 6SA		8SA
12 - 20" / 305 - 508 mm	20 - 26" / 508 - 660 mm	24 - 30" / 610 - 762 mm	28 - 36" / 711 - 914 mm	36 - 48" / 914 - 1,219 mm
50 lbs / 22.00 kg	75 lbs / 34.00 kg	110 lbs / 50.00 kg 180 lbs / 82.00 kg		287 lbs / 130.00 kg
73 lbs / 33.10 kg	150 lbs / 68.00 kg	185 lbs / 71.70 kg 295 lbs / 133.80 kg		537 lbs / 243.60 kg
34 x 32 x 12" (864 x 813 x 305 mm)	40.5 x 41 x 19" (1,029 x 1,041 x 423 mm)	40.5 x 41 x 19" 57 x 43 x 18" n) (1,029 x 1,041 x 423 mm) (1,488 x 1,002 x 483 mm)		69 x 60 x 21" (1,753 x 1,524 x 533 mm)
47 / 1,194	53 / 1,346	34 / 864	35 / 889	36 / 914
7 / 178	7 / 178	8 / 203	5 / 127	5 / 127
12", 14", 16", 18", 20" (323.8, 356, 406, 457, 508 mm)	20", 22", 24", 26" (508, 559, 610, 660 mm)	24", 26", 28", 30" (610, 660, 711,762 mm)	28", 30", 36" (711, 762, 914 mm)	36", 38", 40", 42", 48" (914, 964, 1,016, 1,067, 1,219 mm)





DOUBLE TORCH ARM

Reduce set up and cutting time by up to 50% with the double torch arm accessory. By eliminating the need to rotate one torch to obtain a forward or back bevel on the pipe end, the double torch arm dramatically reduces cutting and beveling time. Torch arm accomodates American torch rack size only.

PART NO.	MODEL	PIPE SIZE		PACKAGED WEIGHT		PACKAGED DIMENSIONS		PICTURE
03.0101.030	1SA	3 - 8"	88.9 - 219 mm	5 lbs	2.30 kg	20 x 6 x 6"	508 x 152 x 152 mm	
03.0102.015	2SA	8 - 12"	219 - 323.8 mm	5 lbs	2.30 kg	20 x 6 x 6"	508 x 152 x 152 mm	
03.0103.030	3SA	12 - 20"	323.8 - 508 mm	5 lbs	2.30 kg	23 x 10 x 9"	584 x 254 x 229 mm	* 1
03.0104.021	4SA	20 - 26"	508 - 660 mm	5 lbs	2.30 kg	23 x 10 x 9"	584 x 254 x 229 mm	
03.0105.025	5SA	24 - 30"	610 - 762 mm	5 lbs	2.30 kg	23 x 10 x 9"	584 x 254 x 229 mm	
03.0106.018	6SA	28 - 36"	711 - 914 mm	5.5 lbs	2.50 kg	23 x 10 x 9"	584 x 254 x 229 mm	
03.0108.014	8SA	36 - 48"	914 - 1,219 mm	5.5 lbs	2.50 kg	23 x 10 x 9"	584 x 254 x 229 mm	

PRO MODEL TORCH ARM

Choose the pro model torch arm with the innovative out-of-round roller attachment to create perfect cuts and bevels on oversize, undersize or out-of-round pipe. Torch arm accomodates American torch rack size only.

PART NO.	D. DESCRIPTION PACKAGED WEIGHT PACKAGED DIMENSIONS		PICTURE						
03.0209.000	Pro model with out of round	9.50 lbs	4.30 kg	16 x 8 x 8"	406 x 203 x 203 mm	*			
03.0209.001	Pro model basic assembly	7 lbs	3.20 kg	16 x 8 x 8"	406 x 203 x 203 mm				
03.0209.012	Tracer point	1.60 lbs	0.70 kg	12 x 6 x 6"	305 x 152 x 152 mm	C C C			
	Torch holders that can accommodate up to 2" barrel diameter torches are available								

OUT-OF-ROUND ROLLER ATTACHMENT

The out-of-round roller attachment kit, that can be fitted on the pro model torch arm, compensates for oversize and undersize pipe, handling out-of-round conditions up to 1/4" / 6 mm. This separate attachment comes with all required parts and assembly instructions.

PART NO.	PART NO. DESCRIPTION		PART NO. DESCRIPTION		D WEIGHT	PACKAGED DIMENSIONS		PICTURE	
03.0209.003	Out-of-round roller attachment kit The picture shows pro model with out-of-round roller attachment kit installed	2.50 lbs	1.10 kg	12 x 6 x 6"	305 x 152 x 152 mm	1			



Contour cutting available on request please email: sales@sfe-brands.com





CAM-ADJUSTABLE TORCH CARRIER

The cam-adjustable torch carrier (diameter of 1.375" / 35 mm) makes it simple to make perfect, no-notch cuts, every time. Just start the cut away from the desired cut line, use the knurled cam adjustment knob to move the torch into the cut line then start cutting.

In addition, the torch holder's large wing screw makes tightening the torch in the torch holder easy, even when wearing gloves.

The innovative design even allows forward or back-beveling without the need to reverse the torch holder in the torch arm.

PART NO. 03.0100.052

SADDLE MACHINE STORAGE BOX

Store and help protect the saddle machine, torch, torch arm, torch carrier, spacer bolts and parts and operating manual in this specially-designed storage box.

MSA, 1SA, and 2SA storage boxes are made of 16 gauge, powder-coated steel, with attached lifting handles.

Storage boxes for saddle machines larger than the 3SA are made of plywood with reinforced corners and edges.







PART NO.	MODEL	DI	MENSIONS	MANUAL OR MOTORIZED	BOX TYPE PACKAGED WE		O WEIGHT
03.0100.BOX	MSA	18 x 18 x 10"	457 x 457 x 254 mm	Manual only	Metal	23 lbs	10.40 kg
03.0101.BOX	1SA	23 x 23 x 13"	584 x 584 x 330 mm	Manual only	Metal	33 lbs	14.90 kg
03.0102.BOX	2SA	34 x 32 x 12"	635 x 559 x 305 mm	Manual only	Metal	41 lbs	18.50 kg
03.0103.BOX	3SA	34 x 32 x 14"	635 x 559 x 356 mm	Manual or motorized	Wood	60 lbs	27.00 kg
03.0104.BOX	4SA	40 x 38 x 14"	1,016 x 965 x 356 mm	Manual or motorized	Wood	79 lbs	35.60 kg
03.0105.BOX	5SA	42 x 40 x 14"	1,067 x 1,016 x 356 mm	Manual or motorized	Wood	84 lbs	37.80 kg
03.0106.BOX	6SA	56 x 48 x 16"	1,422 x 1,219 x 406 mm	Manual only	Wood	100 lbs	45.00 kg
03.0108.BOX	8SA	70 x 56 x 19"	1,778 x 1,422 x 483 mm	Manual only	Wood	125 lbs	56.30 kg







SELF-STORING STEP-DOWN SPACER

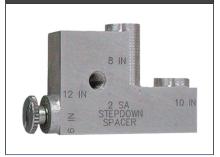
Combining multiple spacer bolt sizes into one easy-to-use part, the step-down spacers are machined to the same tolerances as spacer bolts. Each step spacer covers a range of four (4) pipe sizes; eliminating the need to store 16 spacer bolts. No more searching for lost or misplaced spacer bolts with high quality aluminum alloy or stainless steel self-storing step-down spacers.

STEP SPACER KIT

PART NO.	DESCRIPTION	FOR PIPE SIZES		PACKAGE	D WEIGHT
03.0110.1SAKIT	1SA Step Spacers	3", 4", 6", 8"	88.9 mm, 114.3 mm, 168.2 mm, 219 mm	1.60 lbs	0.70 kg
03.0110.2SAKIT	2SA Step Spacers	6", 8", 10", 12"	168.2 mm, 219 mm 273 mm, 323.8 mm	1.60 lbs	0.70 kg
03.0110.3SAKIT	3SA Step Spacers	12", 14", 16", 18", 20"	323.8 mm, 356 mm, 406 mm, 457 mm, 508 mm	1.60 lbs	0.70 kg



2SA STEP SPACER



3SA STEP SPACER



SADDLE MACHINE SPACER BOLTS

Spacer Bolt Kits include the spacer bolts in one handy container available for any Mathey Dearman saddle machine model. An actual-size diagram is located on the lid, making finding the correct Spacer Bolts quick and easy. All spacer bolts are precision-machined for maximum cutting accuracy and labeled with the Mathey Dearman logo and Part No. for quick identification.

Actual size is shown on box lid for quick spacer bolt identification.





SPACER BOLT KITS

PART NO.	DESCRIPTION	FOR PIPE SIZES			D WEIGHT
03.0MSA.KIT	MSA	2", 3"	60.3 mm, 88.9 mm	1 lbs	0.50 kg
03.01SA.KIT	1SA	3", 4", 6", 8"	88.9 mm, 114.3 mm, 168.2 mm, 219 mm	4 lbs	1.80 kg
03.02SA.KIT	2SA	6", 8", 10", 12"	168.2 mm, 219 mm, 273 mm, 323.8 mm	5 lbs	2.30 kg
03.03SA.KIT	3SA	12", 14", 16", 18", 20"	323.8 mm, 356 mm, 406 mm, 457 mm, 508 mm	9 lbs	4.10 kg
03.04SA.KIT	4SA	20", 22", 24", 26"	508 mm, 559 mm, 610 mm, 660 mm	10 lbs	4.50 kg
03.05SA.KIT	5SA	24", 26", 28", 30"	610 mm, 660 mm, 711 mm, 762 mm	10 lbs	4.50 kg
03.06SA.KIT	6SA	28", 30", 36"	711 mm, 762 mm, 914 mm	20 lbs	9.00 kg
03.08SA.KIT	8SA	36", 38", 40", 42", 48"	916 mm, 964 mm, 1,016 mm, 1,069 mm, 1,219 mm	20 lbs	9.00 kg

* No spacers required for 4" pipe set up

E-Z PIPECUT MACHINES

4.5 - 24" / 114 - 600 mm







E-Z PIPECUT MANUAL



4.5 - 24" / 114 - 600 mm

Manual chain driven portable oxy-fuel cutting machine

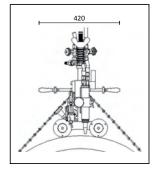
Mathey Dearman's E-Z Pipecut portable oxy-fuel cutting and bevelling chain driven machines are the economical solution for cutting and bevelling pipe with wall thickness 0.197" / 5 mm up to 2" / 50 mm.

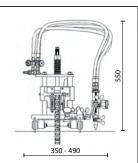
The Mathey Dearman E-Z Pipecut Manual is small and compact, strong and reliable, used by contractors, welders and pipe fitters, equally on-site or in the workshop.

The E-Z Pipecut Manual portable is a straight forward hand operated compact chain - driven pipe cutting machine that provides a smooth, accurate cutting action by incorporating a low gear ratio and worm wheel drive.

The machine also features a quick-release clutch, that allows the operator to disengage the chain from the drive cog for rapid set up and positioning.

The bevelling head angle (up to 45°) can be set quickly and accurately by scale on a rack and pinion.





* Outside the USA



GUIDE BAND

For guaranteed square cuts and bevels on pipe diameters larger than 24" / 600 mm, using the optional guide band system to suit the relevant pipe size(s) is recommended.

the green hoses will be blue

E-Z PIPECUT MANUAL INCLUDES:

- Cutting machine E-Z Pipecut manual
- Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzles (not interchangable with Mathey Dearman saddle machines)
- Standard chain for cutting pipe diameter of 4.5 24" / 114 600 mm
- **Operation instructions**

TECHNICAL SPECIFICATION

PART NO.	EZPCM			
POWER SUPPLY	Manual driven unit			
PIPE DIAMETER	Up to 24" / 600 mm (in standard configuration)			
WALL THICKNESS	0.197 - 2" / 5 - 50 mm			
TORCH	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle (nozzles not included)			
CUT/BEVEL ANGLE	Variable up to 45°			
VERTICAL TORCH +/-	2" / 50 mm			
LATERAL TORCH +/-	4" / 100 mm			
TRACK WIDTH	9.1" / 230 mm			
CUTTING SPEED	Speed determined by operator			
WEIGHT	8.50 kg / 18.70 lbs			
DIMENSIONS	L x W x H - 350 x 420 x 550 mm			
Chain caluclation: Pipe diamter (inch) x 3.142 + 24 = (total inch) x 2.54 = (total cm) E.G. 36" x 3.142 = 113.112 + 24 = (137.11 total inch) x 2.54 = (348.26 total cm)				
Guide band calculation: Pipe diamter (inch) + 2 x 3.142 + 6 = (total inch) x 2.54 = (total cm) E.G. 36" + 2 x 3.142 = 119.40 + 6 = (125.40 total inch) x 2.54 = (318.51 total cm)				





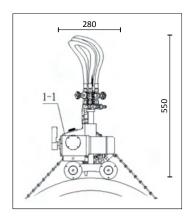
4.5 - 24" / 114 - 600 mm

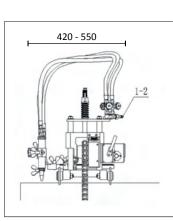
Automatic chain driven portable oxy-fuel cutting machine

The Mathey Dearman E-Z Pipecut Auto is the powered version of the E-Z Pipecut Manual. Once the speed is set correctly to the wall thickness of the pipe the machine can be driven around the pipe with a speed adjustable remote control.

The E-Z Pipecut Auto will cut and bevel the pipe without the need for intervention from the operator.

The E-Z Pipecut Auto portable oxy-fuel cutting machine can also be used for cutting exotic materials such as stainless steel, by converting from oxy-fuel to a plasma system (plasma torch holder available on request).









GUIDE BAND For guaranteed square cuts and bevels on pipe diameters larger than 24" / 600 mm, using the optional guide band system to suit the relevant pipe

size(s) is recommended.

REMOTE CONTROL



E-Z PIPECUT AUTO INCLUDES:

- Pipe cutting machine E-Z Pipecut Auto
- Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzles (not interchangable with Mathey Dearman saddle and band crawler machines)
- Standard chain for cutting pipe diameter of 4.5 24" / 114 600 mm
- Connecting lead (5 m)
- Remote control
- Transformer 110v 220v
- Operation instructions

TECHNICAL SPECIFICATION

PART NO.	EZPCA1: 110v / EZPCA2: 220v			
POWER SUPPLY	230v / 110v / 50 - 60Hz			
PIPE DIAMETER	Up to 24" / 600 mm (in standard configuration)			
WALL THICKNESS	0.197 - 2" / 5 - 50 mm			
TORCH	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle (nozzles not included)			
CUT/BEVEL ANGLE	Variable up to 45°			
VERTICAL TORCH +/-	2" / 50 mm			
LATERAL TORCH +/-	4" / 100 mm			
TRACK WIDTH	9.1" / 230 mm			
CUTTING SPEED	50 - 1,150 mm/min			
WEIGHT	16.00 kg / 36 lbs			
DIMENSIONS	L x W x H - 420 x 280 x 550 mm			
Chain caluclation: Pipe diamter (inch) x 3.142 + 24 = (total inch) x 2.54 = (total cm) E.G. 36" x 3.142 = 113.112 + 24 = (137.11 total inch) x 2.54 = (348.26 total cm)				
Guide band calculation: Pipe diamter (inch) + 2 x 3.142 + 6 = (total inch) x 2.54 = (total cm) E.G. 36" + 2 x 3.142 = 119.40 + 6 = (125.40 total inch) x 2.54 = (318.51 total cm)				

www.MATHEY.com





Electric driven magnetic portable oxy-fuel cutting machine

The Mathey Dearman E-Z Pipecut Magnetic is the economical solution for cutting and bevelling pipe from 9" / 230 mm upwards. The machine is small and compact, strong and reliable, used by contractors, welders and pipe fitters, equally on site as in the workshop.

Two sets of magnetic, electrically driven roller wheels are housed inside the body of the machine. These rollers (offering a magnetic absorbability force of over 110 lbs / 50 kg) ensure the machine stays in contact with the pipe as it travels around the circumference, cutting and bevelling as it goes.



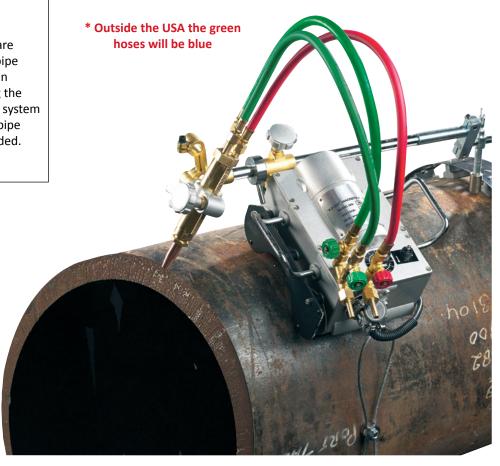
GUIDE BAND For guaranteed square cuts and bevels on pipe diameters larger than 24" / 600 mm, using the optional guide band system to suit the relevant pipe size(s) is recommended.

E-Z PIPECUT MAGNETIC INCLUDES:

- Pipe cutting machine E-Z Pipecut Magnetic
- Universal nozzle-mix torch suitable for all nozzlemix cutting nozzles (not interchangable with Mathey Dearman saddle and band crawler machines)
- Gas hoses
- Power cable
- Operation instructions

TECHNICAL SPECIFICATION

PART NO.	EZPCMAG1: 110v / EZPCMAG2: 220v			
POWER SUPPLY	110v / 220v			
PIPE DIAMETER	9" / 230 mm upwards			
WALL THICKNESS	0.197 - 2" / 5 - 50 mm			
TORCH	Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle (nozzles not included)			
CUT/BEVEL ANGLE	Variable up to 45°			
VERTICAL TORCH +/-	2" / 50 mm			
LATERAL TORCH +/-	4" / 100 mm			
TRACK WIDTH	50 - 780 mm/min			
CUTTING SPEED	50 - 1,150 mm/min			
WEIGHT	20.00 kg / 18.70 lbs			
DIMENSIONS	L x W x H - 350 x 310 x 280 mm			
Guide band calculation: Pipe diamter (inch) + 2 x 3.142 + 6 = (total inch) x 2.54 = (total cm) E.G. 36" + 2 x 3.142 = 119.40 + 6 = (125.40 total inch) x 2.54 = (318.51 total cm)				



BAND CRAWLER CUTTING & BEVELLING MACHINE



10 - 60" / 254 - 1,524 mm





MATHEY DEARMAN

BAND CRAWLER CUTTING & BEVELING MACHINE



10 - 60" / 254 - 1,524 mm

The ideal solution for cutting and beveling in close quarters, the Band Crawler requires as little as 10" / 254 mm of clearance around the pipe. Install the stainless steel band anywhere on the pipe and it conforms to the pipe shape, producing a consistent precise bevel, even on severely out-of-round pipe.

The lightweight Band Crawler can be quickly set up andoperated by one person on pipe as large as 60" / 1,524 mm. Bands 48" / 1,219 mm and larger feature a standard stiffening rib which simplifies one-person set-up.

Precise - Band conforms precisely to the out-of-round condition of the pipe to maintain consistent cutting tip distance from pipe surface

Simple - One person can set up and cut horizontal or vertical pipes as large as 48" / 1,219 mm

Low profile - Requires as little as 10.5" / 267 mm of radial clearance

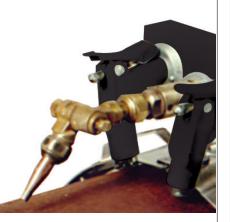
One size fits all - One Band Crawler fits all band sizes

Fast - 60% faster than hand cutting and grinding

Motorized - Available with PLASMASPEED digital motor control

PART NO.	MODEL	PACKAGE	D WEIGHT
05.0116.009	Band crawler with $9' / 2.7$ m flexible drive cable	26 lbs	11.70 kg
05.0116.014	Band crawler with 14' / 4.3 m flexible drive cable	30 lbs	13.50 kg
05.0116.S01	Motorized PLASMASPEED band crawler 110/230 VAC	10 lbs	4.50 kg
05.0116.SA1	PLASMASPEED retro fit kit 110/230 VAC	10 lbs	4.50 kg

TORCH ANGLE HEAD ADAPTOR



Allows the torch tip to be adjusted for any angle from a square cut (no bevel) to a bevel angle up to 90 degrees while also allowing torch lead or lag angle adjustment.

RIGHT ANGLE DRIVE ADAPTOR



Permits the flexible drive cable to pivot 180 degrees on the end of the band crawler, lowering the profile of the crawler to 6" / 168.2 mm.

PLASMASPEED



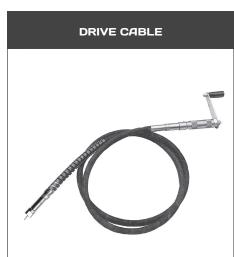
The motorized PLASMASPEED band crawler can increase cutting and beveling efficiency of large diameter pipes up to 60% and is the quickest and easiest cutting tool to set up on vertical pipe.







Motorized version and motorizing kits available



Enables the motorized band crawler to be retrofitted to manual operation.

Available in 9' / 2.7 m and 14' / 4.3 m lengths.

RACK ADJUSTABLE TORCH ARM



Allows both horizontal and vertical adjustment of the torch in relationship to the pipe surface.

DOUBLE TORCH ARM



Makes two cuts and bevels simultaneously, reducing cutting time and labor.

BAND CRAWLER BETTER BANDS

- No more special sized bands, Better Bands Bridge the Gap up to 3 times more gap allowance than any other bands on the market
- Patented 'staggered' latching system for improved setup
- Ensures maximum traction for the machine, maintaining 3 points of contact at all times
- Industry leading gap allowance allows one size to work on coated or out of round pipe
- Consistent speed and travel of the machine equals improved cut quality

TECHNICAL SPECIFICATION



Bridge the Gap

PART NO.	PIPE	SIZE	PACKAGED WEIGHT	
05.0204.010	Band - 10"	Band - 254 mm	7 lbs	3.20 kg
05.0204.012	Band - 12"	Band - 304 mm	7 lbs	3.20 kg
05.0204.014	Band - 14"	Band - 356 mm	11 lbs	5.00 kg
05.0204.016	Band - 16"	Band - 406 mm	12 lbs	5.40 kg
05.0204.018	Band - 18"	Band - 457 mm	13 lbs	5.90 kg
05.0204.020	Band - 20"	Band - 508 mm	14 lbs	6.30 kg
05.0204.022	Band - 22"	Band - 559 mm	15 lbs	6.80 kg
05.0204.024	Band - 24"	Band - 610 mm	24 lbs	10.80 kg
05.0204.026	Band - 26"	Band - 660 mm	25 lbs	11.30 kg
05.0204.028	Band - 28"	Band - 711 mm	25 lbs	11.30 kg
05.0204.030	Band - 30"	Band - 762 mm	25 lbs	11.30 kg
05.0204.032	Band - 32"	Band - 813 mm	27 lbs	12.20 kg
05.0204.034	Band - 34"	Band - 864 mm	27 lbs	12.20 kg
05.0204.036	Band - 36"	Band - 914 mm	29 lbs	13.10 kg
05.0204.038	Band - 38"	Band - 965 mm	31 lbs	14.00 kg
05.0204.040	Band - 40"	Band - 1,016 mm	33 lbs	14.90 kg
05.0204.042	Band - 42"	Band - 1,067 mm	36 lbs	16.20 kg
05.0204.044	Band - 44"	Band - 1,118 mm	39 lbs	17.60 kg
05.0204.046	Band - 46"	Band - 1,168 mm	43 lbs	19.40 kg
05.0204.048	Band - 48"	Band - 1,219 mm	47 lbs	21.20 kg
05.0204.050	Band - 50"	Band - 1,270 mm	54 lbs	24.30 kg
05.0204.052	Band - 52"	Band - 1,321 mm	54 lbs	24.30 kg
05.0204.054	Band - 54"	Band - 1,372 mm	59 lbs	26.60 kg
05.0204.056	Band - 56"	Band - 1,422 mm	65 lbs	29.30 kg
05.0204.058	Band - 58"	Band - 1,473 mm	70 lbs	31.50 kg
05.0204.060	Band - 60"	Band - 1,524 mm	75 lbs	33.80 kg

BAND CRAWLER ACCESSORIES

PART NO.	DESCRIPTION	PACKAGEI	D WEIGHT
05.0116.SA1	PLASMASPEED retro fit kit 110/230 VAC	26 lbs	11.70 kg
05.0116.032	Rack-adjustable torch arm	3 lbs	1.40 kg
05.0116.039	Double torch arm	4 lbs	1.80 kg
05.0116.030	Right angle drive adapter (for drive cable)	2 lbs	0.90 kg
05.0200.003	Torch angle head adapter	1.20 lbs	0.50 kg

PIPE ALIGNMENT & REFORMING CLAMPS

1 - 240" / 33.44 - 6,100 mm







STURDI PIPE CHAIN CLAMP



1 - 72" / 33.4 - 1,827 mm

The Mathey Dearman Sturdi Clamp is a chain clamp ideal for schedule 40 and below pipe alignment and reforming.

Originally invented in 1930, Mathey Dearman offers the Sturdi Clamp as a lighter duty version of the Mathey Dearman Double Jackscrew pipe chain clamp.

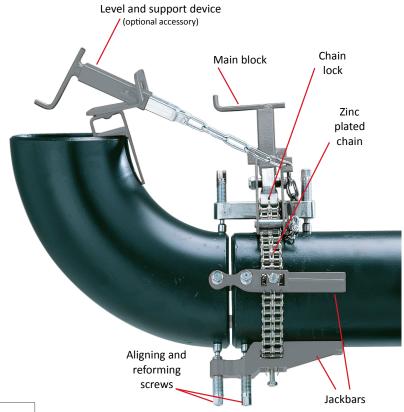
Traditional methods for aligning heavy wall pipe, such as ratchet cable pullers, lugs and bottle jacks are time consuming and inconsistent in the results they achieve, making them unsuitable for the majority of critical alignment applications.

One clamp can fit up a variety of sizes of pipes 1 - 36" / 33.4 - 914 mm diameter., elbows, tees, flanges end caps and most other pipe fittings (using the level and support device purchased as an accessory).

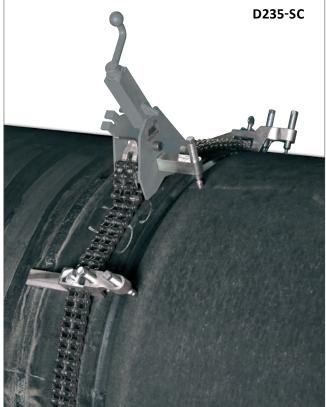
The Mathey Dearman Sturdi Clamp is available in carbon steel chain or stainless steel version.

All Mathey Dearman Sturdi Clamps feature stainless steel jackscrews, jackbars and main blocks.

The 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.







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
- **Reformability** 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 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
- Wide range One chain clamp covers a wide range of pipe sizes
- Safe Elbows, tees and other fittings can be held safely and securely in place during alignment with the level and support device

STURDI CLAMP PIPE CHAIN CLAMPS VERSATILITY

Some examples of fit-ups with the Sturdi Clamp. Each clamp is supplied with all accessories to carry out any fit-up and includes a steel storage box.





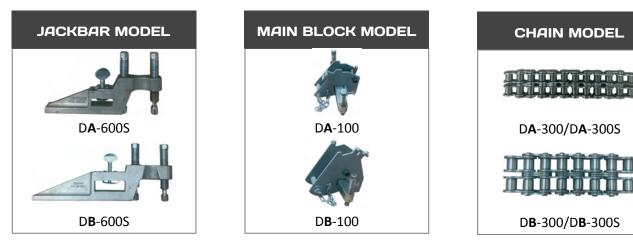




MATHEY DEARMAN STURDI CLAMP INCLUDES:

- Nickel plated carbon steel or stainless steel duplex roller chain
- Stainless steel single or double jackscrew jackbars quantity as indicated in specifications
- Stainless steel main block
- Jackscrew breaker bar and socket
- Heavy duty storage box
- Parts and operating manual





MATHEY DEARMAN STURDI CLAMP CHAIN CLAMP

PART NO.	NO OF JACKBARS	PIPE	SIZE RANGE	REFORMS/ALIGNS PIPE TO SCHEDULE*	JACKBAR MODEL	MAIN BLOCK MODEL	CHAIN MODEL
D250-SC	4	1 - 12"	33.4 - 323.8 mm	40 / 80	D A -600S	D A -100	D A -300
* D250-SCSS	4	1 - 12"	33.4 - 323.8 mm	40 / 80	D A -600S	D A -100	D A -300S
D249-SC	7	4 - 20"	114.3 - 508 mm	40 / 80	D A -600S	D A -100	D A -300
* D249-SCSS	7	4 - 20"	114.3 - 508 mm	40 / 80	D A -600S	D A -100	D A -300S
D235-SC	8	10 - 36"	273 - 914 mm	40 / 80	D B -600S	D B -100	D B -300
* D235-SCSS	8	10 - 36"	273 - 914 mm	40 / 80	D B -600S	D B -100	D B -300S
D236-SC	13	10 - 54"	273 - 1,372 mm	40 / 80	D B -600S	D B -100	D B -300
* D236-SCSS	13	10 - 54"	273 - 1,372 mm	40 / 80	D B -600S	D B -100	D B -300S
D237-SC	16	10 - 72"	273 - 1,827 mm	40 / 80	D B -600S	D B -100	D B -300
* D237-SCSS	16	10 - 72"	273 - 1,827 mm	40 / 80	D B -600S	D B -100	D B -300S

* Suitable for stainless steel

The Sturdi Clamp does not include level and support device - these can be purchased as an accessory.

Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,168 kg per square centimeter)



DOUBLE JACKSCREW CHAIN CLAMP



4 - 72" / 114.3 - 1,827 mm

We have been manufacturing and selling the double jackscrew chain clamp for over 90 years.

DOUBLE JACKSCREW CHAIN CLAMP

Mathey Dearman invented the first chain clamp in 1930 and the Double Jackscrew chain clamp was launched in 1931.

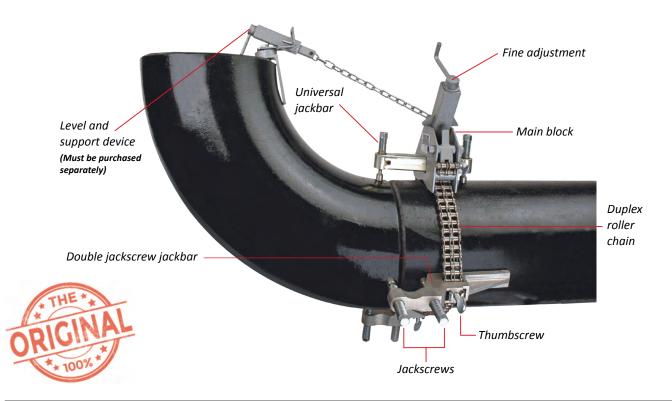
The Double Jackscrew chain clamp reforms schedule 40 pipe on either side of the joint to be welded and it is also able to exert pressure on the high points of both sides to eliminate "Hi-Low".

The chain clamp's level and support device allows the pipe, elbow, tee, flange and other fittings to be held securely in place during alignment and welding. Level and support device not included, must be purchased separately.

Pipe with wall thicknesses up to schedule 80 can be aligned with the double jackscrew chain clamp.

Mathey Dearman's Double Jackscrew chain clamp is available in carbon steel chain and stainless steel chain versions to fit pipe from 1 - 54" / 33.4 - 1,372 mm in diameter.

Although all Mathey Dearman chain clamps feature stainless steel jackscrews, jackbars and main blocks, stainless steel chain should be used on stainless steel or specialty alloy applications to avoid potential contamination.



- Extra Welding Clearance Jackbar design provides additional clearance, so the weld can be easily completed with clamp in place
- **Precise Alignment** Double jackbars spaced around the diameter of the pipe allow reforming on both sides of joint to within %4" 0.4 mm
- Heavy Duty Aligns pipe with wall thickness up to schedule 80
- Strong Reforms pipe with wall thickness to schedule 40
- Wide Range Support, align, and reform elbow, tees, and other fittings that cage clamps can't; one chain clamp covers the range of 8 cage clamps
- Versatile With the standard level and support device, the clamp can be configured to align, reform and support almost any type of fitting for welding

DOUBLE JACKSCREW CHAIN CLAMP INCLUDES:

- Nickel plated carbon steel or stainless steel duplex roller chain
- Stainless steel double jackscrew jackbars quantity as indicated in specifications
- Stainless steel main block
- Jackscrew breaker bar with socket
- Heavy duty storage box
- Parts and operating manual

ACCESSORY - PURCHASE AS NECESSARY:

• Level and support device





DOUBLE JACKSCREW CHAIN CLAMP SPECIFICATIONS

PART NO.	NO OF JACKBARS	PIPE	SIZE RANGE	REFORMS/ALIGNS PIPE TO SCHEDULE*	JACKBAR MODEL	MAIN BLOCK MODEL	CHAIN MODEL
D249	7	4 - 20"	114.3 - 508 mm	40 / 80	D B -600S	D B -100	D B -300
* D249SS	7	4 - 20"	114.3 - 508 mm	40 / 80	D B -600S	D B -100	D B -300S
D235	8	10 - 36"	273 - 914 mm	40 / 80	D C -600S	D C -100	D C -300
* D235SS	8	10 - 36"	273 - 914 mm	40 / 80	D C -600S	D C -100	D C -300S
D236	13	10 - 54"	273 - 1,372 mm	40 / 80	D C -600S	D C -100	D C -300
* D236SS	13	10 - 54"	273 - 1,372 mm	40 / 80	D C -600S	D C -100	D C -300S
D237	16	10 - 72"	273 - 1,827 mm	40 / 80	D C -600S	D C -100	D C -300
* D237SS	16	10 - 72"	273 - 1,827 mm	40 / 80	D C -600S	D C -100	D C -300S

* Suitable for stainless steel

Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,168 kg per square centimeter)

E-Z FIT DOUBLE CHAIN PIPE CLAMP



10 - 240" / 273 - 6,100 mm

Ultra heavy duty double chain reforming alignment clamp

RANGE: 10 - 240"

The E-Z Fit Double Chain pipe clamp is an extra heavy duty clamp designed for alignment and reforming of pipes and vessels up to 20' / 6 m with up to schedule 80 wall thickness. The double chain clamp will align pipes with any wall schedule.

Our specialised triple jackscrew 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" - 36" to 10" - 54" can use level and support devices and all other models with cable hoists which can all be purchased as an accessory.

The E-Z Fit Double Chain pipe 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 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 0.5 mm
- Extremely tough Reforms pipes on both sides of the weld joint to schedule 80, aligns all wall schedules, elbows, tees and other fittings
- Adaptable The chain clamp can be used to align, and reform elbow, tees and other fittings that a cage clamp cannot cope with. One chain clamp covers the range of up to 100 cage clamps
- Extra heavy duty independent jackbars -Enable the operator to form the pipe to the required shape. Each jackbar has three (3) independently pivoting Jackscrews to cope with uneven surfaces
- Versatile Elbows, tees and other fittings can be aligned with the level and support device



SIZES AVAILABLE

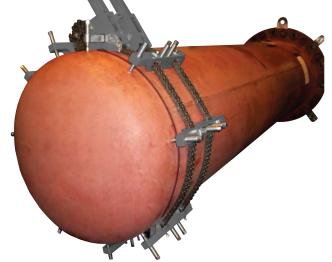
PART NO.		IETER RANGE H / MM)	NUMBER OF JACKBARS	NUMBER OF MAIN BLOCKS	SHIPPING (LBS)	i WEIGHT / KG)
EZDCC10-36	10 - 36"	273 - 915 mm	9	1	220 lbs	100 kg
* EZDCC10-36 SS	10 - 36"	273 - 915 mm	9	1	220 lbs	100 kg
EZDCC10-48	10 - 48"	273 - 1,220 mm	12	1	278 lbs	126 kg
* EZDCC10-48 SS	10 - 48"	273 - 1,220 mm	12	1	278 lbs	126 kg
EZDCC10-54	10 - 54"	273 - 1,375 mm	14	1	300 lbs	136 kg
* EZDCC10-54 SS	10 - 54"	273 - 1,375 mm	14	1	300 lbs	136 kg
EZDCC10-60	10 - 60"	273 - 1,525 mm	16	1	328 lbs	149 kg
* EZDCC10-60 SS	10 - 60"	273 - 1,525 mm	16	1	328 lbs	149 kg
EZDCC10-72	10 - 72"	273 - 1,830 mm	20	1	387 lbs	176 kg
* EZDCC10-72 SS	10 - 72"	273 - 1,830 mm	20	1	387 lbs	176 kg
EZDCC10-84	10 - 84"	273 - 2,135 mm	24	2	442 lbs	200 kg
* EZDCC10-84 SS	10 - 84"	273 - 2,135 mm	24	2	442 lbs	200 kg
EZDCC10-96	10 - 96"	273 - 2,440 mm	28	2	498 lbs	226 kg
* EZDCC10-96 SS	10 - 96"	273 - 2,440 mm	28	2	498 lbs	226 kg
EZDCC10-108	10 - 108"	273 - 2,745 mm	32	2	554 lbs	251 kg
* EZDCC10-108 SS	10 - 108"	273 - 2,745 mm	32	2	554 lbs	251 kg
EZDCC10-120	10 - 120"	273 - 3,050 mm	36	2	610 lbs	277 kg
* EZDCC10-120 SS	10 - 120"	273 - 3,050 mm	36	2	610 lbs	277 kg
EZDCC10-132	10 - 132"	273 - 3,355 mm	39	2	660 lbs	299 kg
* EZDCC10-132 SS	10 - 132"	273 - 3,355 mm	39	2	660 lbs	299 kg
EZDCC10-144	10 - 144"	273 - 3,715 mm	42	2	710 lbs	322 kg
* EZDCC10-144 SS	10 - 144"	273 - 3,715 mm	42	2	710 lbs	322 kg
EZDCC10-168	10 - 168"	273 - 4,270 mm	48	3	810 lbs	367 kg
* EZDCC10-168 SS	10 - 168"	273 - 4,270 mm	48	3	810 lbs	367 kg
EZDCC10-192	10 - 192"	273 - 4,880 mm	54	3	910 lbs	410 kg
* EZDCC10-192 SS	10 - 192"	273 - 4,880 mm	54	3	910 lbs	410 kg
EZDCC10-216	10 - 216"	273 - 5,490 mm	60	3	1,010 lbs	455 kg
* EZDCC10-216 SS	10 - 216"	273 - 5,490 mm	60	3	1,010 lbs	455 kg
EZDCC10-240	10 - 240"	273 - 6 100 mm	66	3	1,110 lbs	500 kg
* EZDCC10-240 SS	10 - 240"	273 - 6,100 mm	66	3	1,110 lbs	500 kg

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 fine adjustments
- Level and support device (larger clamps supplied with cable hoist)
- Jackscrew wrench
- Operating instructions

OPTIONAL:

- Torque wrench
- Carbon or stainless steel spacing screws
- Additional jackbars and jackscrews
- Additional chain



* Suitable for stainless steel Larger sizes available upon request

DOUBLE CHAIN CLAMP



10 - 240" / 273 - 6,100 mm

D251 SERIES

The Mathey Dearman Double Chain clamp is a heavy duty vessel clamp designed for alignment and reforming of pipes and vessels up to 20' (6 m) in diameter with schedule 80 wall thickness.

The Double Chain clamp also aligns schedule 80 pipe and heavier when no reforming is required. The extra heavy duty jackbars and main block provide the brute strength necessary to accomplish even the toughest reforming jobs.

Models 10" to 36" through 10" to 54" can use a level and support device and all other models with a cable hoist which can be purchased as an accessory.

The Double Chain clamp is available in steel and stainless steel versions.

Precise - Numerous jackbars provide clamping pressure exactly where needed for perfect alignment

Tough - Reforms and aligns pipe with schedule 80 wall thickness

Adaptable - Fits extremely large range of pipe diameters

Conforming - Jackbar pads pivot independently to handle uneven pipe and fitting surfaces

We have been manufacturing and selling the double chain clamp for over 90 years.



Heavy duty jackbars for arduous aligning and reforming jobs



MagSquare magnets are now standard with all double chain clamps to make setup simple and easy.



Joints on large pipe or tube shells up to 240" / 6,096 mm in diameter can be aligned, reformed and welded without removing the clamp, saving time and improving weld quality.

HYDRAULIC CLOSURE MECHANISM

Perfect for clamping larger diameters and applying extra clamp load, Mathey Dearman's hydraulic chain clamp closure mechanism uses a 5" / 127 mm stroke to apply up to 10,000 lbs / 4,535 kg of tension to the standard Double Chain clamp.

Hydraulic pressure is supplied to the closure mechanism's hydraulic cylinder by a hand pump with reservoir. Tension can be applied to close the clamp on the pipe.

Using the hydraulic closure mechanism, our Double Chain clamp is able to align pipe up to schedule 120 and reform pipe to schedule 80.

DOUBLE CHAIN CLAMP SPECIFICATIONS

PART NO.	NO OF MAIN BLOCKS	NO OF JACKBARS	PIPE S	SIZE RANGE	REFORMS/ALIGNS PIPE TO SCHEDULE*
D251-1036	1	9	10" - 36"	273 - 914 mm	80 / 160
* D251-1036SS	1	9	10" - 36"	273 - 914 mm	80 / 160
D251-1048	1	12	10" - 48"	273 - 1,219 mm	80 / 160
* D251-1048SS	1	12	10" - 48"	273 - 1,219 mm	80 / 160
D251-1054	1	14	10" - 54"	273 - 1,372 mm	80 / 160
* D251-1054SS	1	14	10" - 54"	273 - 1,372 mm	80 / 160
D251-1060	1	16	10" - 60"	273 - 1,524 mm	80 / 160
* D251-1060SS	1	16	10" - 60"	273 - 1,524 mm	80 / 160
D251-1072	1	20	10" - 72"	273 - 1,829 mm	80 / 160
* D251-1072SS	1	20	10" - 72"	273 - 1,829 mm	80 / 160
D251-1084	1	24	10" - 84"	273 - 2,134 mm	80 / 160
* D251-1084SS	1	24	10" - 84"	273 - 2,134 mm	80 / 160
D251-1096	2	28	10" - 96"	273 - 2,438 mm	80 / 160
* D251-1096SS	2	28	10" - 96"	273 - 2,438 mm	80 / 160
D251-10108	2	32	10" - 108"	273 - 2,743 mm	80 / 160
* D251-10108SS	2	32	10" - 108"	273 - 2,743 mm	80 / 160
D251-10120	2	36	10" - 120"	273 - 3,048 mm	80 / 160
* D251-10120SS	2	36	10" - 120"	273 - 3,048 mm	80 / 160
D251-1011F	2	39	10" - 132"	273 - 3,353 mm	80 / 160
* D251-1011FSS	2	39	10" - 132"	273 - 3,353 mm	80 / 160
D251-1012F	2	42	10" - 144"	273 - 3,658 mm	80 / 160
* D251-1012FSS	2	42	10" - 144"	273 - 3,658 mm	80 / 160
D251-1014F	2	48	10" - 168"	273 - 4,267 mm	80 / 160
* D251-1014FSS	2	48	10" - 168"	273 - 4,267 mm	80 / 160
D251-1016F	3	54	10" - 192"	273 - 4,877 mm	80 / 160
* D251-1016FSS	3	54	10" - 192"	273 - 4,877 mm	80 / 160
D251-1018F	3	60	10" - 216"	273 - 5,486 mm	80 / 160
* D251-1018FSS	3	60	10" - 216"	273 - 5,486 mm	80 / 160
D251-1020F	3	66	10" - 240"	273 - 6,096 mm	80 / 160
* D251-1020FSS	3	66	10" - 240"	273 - 6,096 mm	80 / 160

* Suitable for stainless steel

* Calculations are based on pipe with a tensile strength of 45,000 lbs per square inch (3,164 kg per square centimeter). **Note:** All Double Chain clamps with 16 or more jackbars include cable hoist. Smaller clamps include level and support device.

DOUBLE CHAIN CLAMP INCLUDES:

- 2 Nickel plated or stainless steel high-strength leaf chains
- Extra heavy duty stainless steel jackbars (quantity as listed in specifications)
- Double chain main block with 2 fine adjustments
- D251-1060 model and larger supplied with cable hoist
- Jackscrew breaker bar with socket
- Parts and operating manual

ACCESSORY - PURCHASE AS NECESSARY:

Level and support device







4 - 60" / 114.3 - 1,524 mm

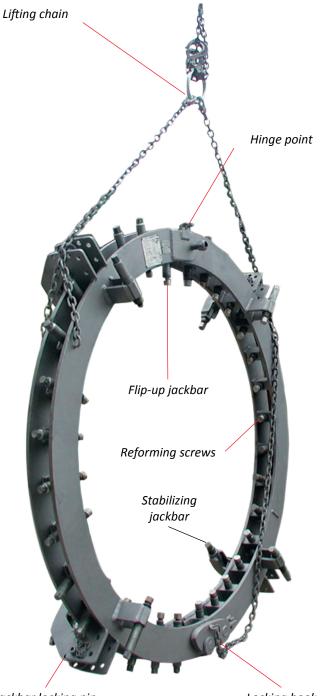
The Mathey Dearman Rim Clamp is built for tough reforming jobs and is ideal for applications requiring 100% weld and grind without releasing clamping pressure.

Symmetrically placed jackscrews apply pressure on high points to precisely reform and align pipe or shells. All surfaces of the Rim Clamp in contact with the pipe are made of stainless steel enabling the clamp to be used on a variety of materials.

The Mathey Dearman Rim Clamp will reform 45,000 PSI tensile strength pipe up to schedule 80, with out-of-round conditions up to 2" / 51 mm, depending on wall thickness.







Jackbar locking pin

Locking hook

Accurate - Apply reforming pressure exactly where required Strong - Corrects out-of-round conditions up to 2" / 51 mm Easy - Self-latching design, 14" / 356 mm and larger, makes installation simple and safe

Versatile - Handles a range of pipe sizes and materials

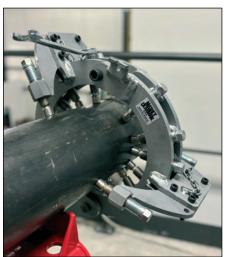
RIM CLAMP SPECIFICATIONS

PART NO.	DESCRIPTION	PIPE SIZE RANGE		ESTIMATED SH	IPPING WEIGHT
D711-0406	Standard Rim Clamp 4 - 6"	4 - 6" 114.3 - 168.2 mm		118 lbs	54 kg
D711-0608	Standard Rim Clamp 6 - 8"	6 - 8"	168.2 - 219 mm	122 lbs	55 kg
D711-0810	Standard Rim Clamp 8 - 10"	8 - 10"	219 - 273 mm	145 lbs	66 kg
D711-1012	Standard Rim Clamp 10 - 12"	10 - 12"	273 - 323.8 mm	168 lbs	76 kg
D711-1214	Standard Rim Clamp 12 - 14"	12 - 14"	12 - 14" 323.8 - 356 mm		102 kg
D711-1420M	Mega Rim Clamp 14 - 20"	14 - 20"	356 - 508 mm	586 lbs	266 kg
D711-1824M	Mega Rim Clamp 18 - 24"	18 - 24"	457 - 610 mm	603 lbs	273 kg
D711-2632M	Mega Rim Clamp 26 - 32"	26 - 32"	660 - 813 mm	860 lbs	390 kg
D711-3036M	Mega Rim Clamp 30 - 36"	30 - 36"	762 - 914 mm	974 lbs	442 kg
D711-3844M	Mega Rim Clamp 38 - 44"	38 - 44"	965 - 1,118 mm	1,112 lbs	504 kg
D711-4248M	Mega Rim Clamp 42 - 48"	42 - 48"	1,067 - 1,219 mm	1,176 lbs	533 kg
D711-4652M	Mega Rim Clamp 46 - 52"	46 - 52"	1,168 - 1,321 mm	1,200 lbs	544 kg
D711-5056M	Mega Rim Clamp 50 - 56"	50 - 56"	1,270 - 1,422 mm	1,280 lbs	581 kg
D711-5460M	Mega Rim Clamp 54 - 60"	54 - 60"	1,372 - 1,524 mm	1,322 lbs	600 kg

<image>

Additional sizes available upon request







2 - 60" / 60.3 - 1,524 mm

CAGE CLAMPS

Mathey Dearman's cage clamp is available in manual hand lever, ratchet, and hydraulic models in either tack or notack versions, ranging in sizes for pipes 2 - 60" / 60.3 - 1,524 mm. The cage clamps will align pipe through schedule 80. Cage clamps are intended for alignment use only and are not designed to reform pipe. Each size clamp fits one specific pipe diameter. If the o/d of the pipe varies more than +/- $\frac{3}{6}$ " / 5 mm from the indicated clamp diameter, pipes may not align accurately.

MANUAL LEVER CAGE CLAMP

MANUAL LEVER TACK MODEL	PIPE	SIZE
01.0505.001	2"	60.3 mm
01.0505.002	3"	88.9 mm
01.0505.003	3.5"	101.6 mm
01.0505.004	4"	114.3 mm
01.0505.005	5"	141.3 mm
01.0505.006	6"	168.2 mm
01.0505.008	8"	219 mm
01.0505.010	10"	273 mm
01.0505.012	12"	323.8 mm
01.0505.014	14"	356 mm
01.0505.016	16"	406 mm
01.0505.018	18"	457 mm
01.0505.020	20"	508 mm
01.0505.022	22"	559 mm
01.0505.024	24"	610 mm
01.0505.026	26"	660 mm
01.0505.028	28"	711 mm
01.0505.030	30"	762 mm
01.0505.032	32"	813 mm
01.0505.034	34"	864 mm
01.0505.036	36"	914 mm
01.0505.038	38"	965 mm
01.0505.040	40"	1,016 mm
01.0505.042	42"	1,067 mm
01.0505.048	48"	1,219 mm
01.0505.054	54"	1,372 mm
01.0505.060	60"	1,524 mm

Clamps with stainless steel contact points or for odd-size pipe available on request. Add SS at end of part number for stainless steel.

CAGE CLAMP CROSS BAR DESIGNS



Tack and no-tack cross bars are available in stainless steel for stainless and other specialty alloy applications.

AVAILABLE UPON REQUEST



No-tack cross bars are arched to permit a full-circle weld without removing the clamp. The no-tack clamp can help increase welding quality and efficiency.



Tack-type straight cross bars have flared ends so pipes can be moved easily into position and clamped. After the pipe is tack welded, the clamp is removed from the pipe and the weld is completed.







6 - 60" / 168.2 - 1,524 mm

RATCHET CAGE CLAMP

The ratchet closure system of the Mathey Dearman Ratchet cage clamp provides the extra force needed to align large pipe diameters. The Ratchet cage clamp is available for 14 - 60" / 356 - 1,524 mm pipe.



HYDRAULIC CAGE CLAMP

Mathey Dearman's Hydraulic cage clamp utilizes a rugged hydraulic closure mechanism to create the extra force necessary to align large pipe diameters while also permitting the rapid release of the clamp from the pipe. The Hydraulic cage clamp is available for 16 - 60'' / 406 - 1,524 mm pipe.



CAGE CLAMP CROSS BAR DESIGNS



Tack-type straight cross bars have flared ends so pipes can be moved easily into position and clamped. After the pipe is tack welded, the clamp is removed from the pipe and the weld is completed.

RATCHET TACK MODEL	HYDRAULIC TACK MODEL	PIPE SIZE		
01.0505.R06	n/a	6"	168.2 mm	
01.0505.R08	n/a	8"	219 mm	
01.0505.R10	n/a	10"	273 mm	
01.0505.R12	n/a	12"	323.8 mm	
01.0505.R14	n/a	14"	356 mm	
01.0505.R16	01.0505.H16	16"	406 mm	
01.0505.R18	01.0505.H18	18"	457 mm	
01.0505.R20	01.0505.H20	20"	508 mm	
01.0505.R22	01.0505.H22	22"	559 mm	
01.0505.R24	01.0505.H24	24"	610 mm	
01.0505.R26	01.0505.H26	26"	660 mm	
01.0505.R28	01.0505.H28	28"	711 mm	
01.0505.R30	01.0505.H30	30"	762 mm	
01.0505.R32	01.0505.H32	32"	812 mm	
01.0505.R34	01.0505.H34	34"	864 mm	
01.0505.R36	01.0505.H36	36"	914 mm	
01.0505.R38	01.0505.H38	38"	965 mm	
01.0505.R40	01.0505.H40	40"	1,016 mm	
01.0505.R42	01.0505.H42	42"	1,067 mm	
01.0505.R48	01.0505.H48	48" 1,219 mm		
n/a	01.0505.H54	54"	1,372 mm	
n/a	01.0505.H60	60" 1,524 mm		

01.0505.R01	Ratchet Handle ¾" (4 - 8" clamp)
01.0505.R02	Ratchet Handle 🔏" (10 - 42" clamp)
01.0505.R03	Ratchet Handle 1" (44"+ clamp)

AVAILABLE UPON REQUEST



No-tack cross bars are arched to permit a full-circle weld without removing the clamp. The no-tack clamp can help increase welding quality and efficiency.



Tack and no-tack cross bars are available in stainless steel for stainless and other specialty alloy applications.

DEARMAN SUPER CLAMP



4 - 60" / 114.3 - 1,524 mm

- One clamp works on multiple pipe sizes
- Able to do light reforming to correct ovality in the pipe
- Able to push or pull the pipe joint together to attain the proper gap
- Works on carbon steels, stainless steels, and alloys
- Clamp can work on multiple types of joints
- Splitframe rim style clamp with turnbuckles, solid steel frames

MATHEY DEARMAN SUPER CLAMP - HD									
MODEL PART NO.	REFORMS TO SCHEDULE	ALIGNS TO SCHEDULE	PIPE SIZE RANGE						
SC-RC-0612HD	40	80	6 - 12"	168.2 - 323.8 mm					
SC-RC-1218HD	40	80	12 - 18"	323.8 - 457 mm					
SC-RC-1824HD	40	80	18 - 24"	457 - 610 mm					
SC-RC-2430HD	40	80	24 - 30"	610 - 762 mm					
SC-RC-3036HD	40	80	30 - 36"	762 - 914 mm					

SUPER CLAMP REFORMING ABILITIES



ALL SUPER CLAMPS INCLUDE:

- Parts and operating manual
- Jackscrews with swivel pads
- Jackscrew breaker bar and socket

		FC	FOR MAX \mathcal{Y}_{46} " OUT OF ROUND CONDITION					FOR MAX %" OUT OF ROUND CONDITION				
SUPERCLAMP	PIPE OD			SCHEDULE			SCHEDULE					
		10	20	30	40	STD	10	20	30	40	STD	
SC-RC-0612	6											
SC-RC-0612	8	x										
SC-RC-0612	10	x	x									
SC-RC-0612	12	x	x	x	х	x	x					
SC-RC-1218	12	x	x									
SC-RC-1218	14	x	x	x		x						
SC-RC-1218	16	x	x	x		x	x					
SC-RC-1218	18	x	x	x	х	x	x	x				
SC-RC-1824	18	x	x	x		x						
SC-RC-1824	20	x	x	x		x	x					
SC-RC-1824	22	x	x	x		x	x					
SC-RC-1824	24	x	x	x	х	x	x	x			х	
SC-RC-2430	24	x	x	x		x	x					
SC-RC-2430	26	x	x			x	x				х	
SC-RC-2430	28	x	x	x		x	x				х	
SC-RC-2430	30	x	x	x		x	x	х			х	
SC-RC-3036	30	x	x	x		x	x				х	
SC-RC-3036	32	x	x	x	х	x	x				х	
SC-RC-3036	34	x	x	x	х	x	x	х			х	
SC-RC-3036	36	x	x	x	х	x	x	x			х	



Align, reform and set the weld gap with a few turns of a wrench



PIPE RIGGING EQUIPMENT

2 - 60" / 50.8 - 1,524 mm









2 - 36" / 50.8 - 914 mm

Mathey Dearman's Pipe Cradles and Slings are an effective way to move pipe, specifically designed for pipeline installation projects. Mathey Dearman currently offers cradles from 2 - 36" / 50.8 - 914 mm and all are equipped with 4 inch urethane "round cut" wheels with sealed anti-friction bearings. All spreader bar designs are third party tested any comply with industry standards. These models are equipped with 3% wire rope and all rope is swedged and certified.

FEATURES AND ADVANTAGES

- Durable 95a urethane coating designed for multiple uses •
- Sealed anti-friction bearings •
- Measures 4" tread width x 4.5" diameter •
- %" wire rope, swedged
- Machined hub for smooth wheel rotation •





PART NO. 2001

PART NO. 2002



PART NO. 2003



flange.

roller for most other

brands. 4" x 6" with

radius cutout for pipe shape and designed for

[™] wire rope.

end





PART NO. 2004

PART NO.	DESCRIPTION	DESCRIPTION LOAD CAPACITY		SHIPPING WEIGHT		DIMENSIONS L x W x H	
2001-3	Pipe Sling for 2-8" pipe - 3 rollers	2,900 lbs	1,300 kg	50 lbs	22.70 kg	16 x 16 x 16"	406.4 x 406.4 x 406 mm
2001-4	Pipe Sling for 2 - 12" pipe - 4 rollers	2,900 lbs	1,300 kg	60 lbs	27.20 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2001-5	Pipe Sling for 2 - 18" pipe - 5 rollers	2,900 lbs	1,300 kg	70 lbs	31.80 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2001-7	Pipe Sling for 2 - 24" pipe - 7 rollers	2,900 lbs	1,300 kg	85 lbs	38.60 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2002	Pipe Cradle for 6 - 12" pipe. 2 strand	17,000 lbs	7,710 kg	200 lbs	90.70 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2003	Pipe Cradle for 12 - 24" pipe. 2 strand	17,000 lbs	7,710 kg	380 lbs	172.40 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2004	Pipe Cradle for 12 - 24" pipe. 4 strand	28,000 lbs	12,700 kg	880 lbs	399.20 kg	40 x 48 x 16"	1,016 x 1,219.2 x 406 mm
2005	Pipe Cradle for 24 - 36" pipe. 2 strand	28,250 lbs	12,813 kg	1,650 lbs	750.00 kg	50 x 35 x 20"	1,270 x 889 x 508 mm
2006	Pipe Cradle for 24 - 36" pipe. 4 strand	56,700 lbs	25,700 kg	3,700 lbs	1,678.00 kg	102 x 75 x 40"	2,717 x 1,905 x 1,016 mm









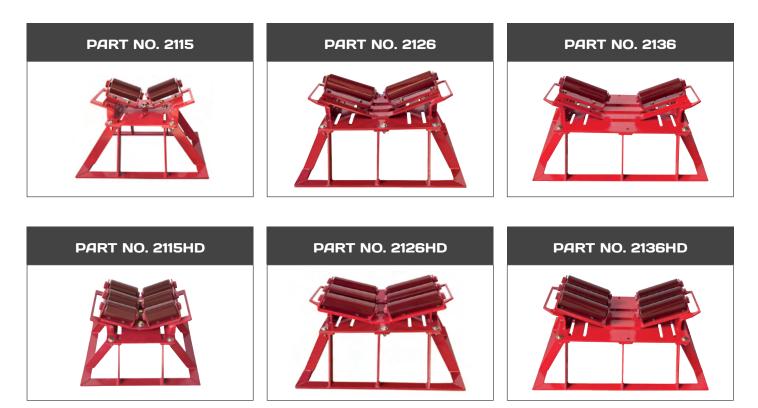
2 - 60" / 50.8 - 1,524 mm

Mathey Dearman's Pipe Launchers have fully compatible parts that can change from a pipe rack clamping roller to a pipeline launcher in just a few minutes.

The unique clamping system fastens the roller to an I-beam from both sides of the flange.

This option is great for installing and fabricating pipe in pipe racks or other tight and enclosed areas.

Also, the roller mechanism can be attached to a stand better suited for pipeline work and/or directional drilling.



SPECIFICATIONS

- Replaceable urethane roller wheels unbolt in seconds.
- Convenient and safe carry handles.
- Converts from pipe launcher to beam roller.
- Pipe Launchers nest and stack efficiently for shipping and storage.
- Easy part replacement with modular design.
- Add wheels to convert standard capacity to heavy-duty capacity.
- From 2 60" pipe capacity.
- Up to 20,000 lbs weight capacity.

PART NO.	DESCRIPTION	LOAD CAPACITY		LOAD CAPACITY WEIGHT CAPACITY SHIPPING WEIGHT			MENSIONS W x H1 - H2		
2115	Pipe Launcher (two rollers)	2 - 24"	50.8 - 609.6 mm	2,500 lbs	1,100 kg	89	40.4	23 x 26 x 18"	584.2 x 660.4 x 457.2 mm
2115HD	Pipe Launcher HD (six rollers)	2 - 24"	50.8 - 609.6 mm	7,500 lbs	3,400 kg	126	57.2	23 x 26 x 18"	584.2 x 660.4 x 457.2 mm
2126	Pipe Launcher (two rollers)	4 - 48"	101.6 - 1,219.2 mm	10,000 lbs	4,540 kg	162	73.5	30 x 36 x 19"	762 x 914.4 x 482.6 mm
2126HD	Pipe Launcher HD (six rollers)	4 - 48"	101.6 - 1,219.2 mm	20,000 lbs	9,070 kg	213	96.6	30 x 36 x 19"	762 x 914.4 x 482.6 mm
2136	Pipe Launcher (two rollers)	16 - 60"	406.4 - 1,524 mm	10,000 lbs	4,540 kg	178	80.7	30 x 36 x 19"	762 x 914.4 x 482.6 mm
2136HD	Pipe Launcher HD (six rollers)	16 - 60"	406.4 - 1,524 mm	20,000 lbs	9,070 kg	229	103.9	30 x 36 x 19"	762 x 914.4 x 482.6 mm











4 - 60" / 114.3 - 1,524 mm

Mathey Dearman's Beam Clamp Rollers are used for a variety of industries and applications, typically for installation of pipes into racks at Refinieries, Power Stations and other Industrial Plants.

All the Mathey Dearman Beam Clamp Rollers are designed to be light weight, with I-beam clamps for quick installation and various roller head options so that all sizes and weights of pipe can be easily, safely and efficiently installed.

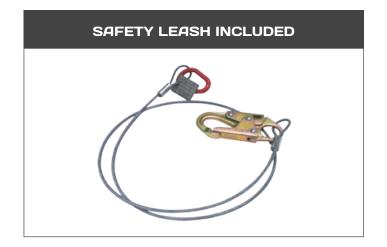
FEATURES AND ADVANTAGES

- Six configurations from 1 10 tons capacity
- Three sizes for 2 60" pipe diameters
- Urethane wheels with sealed bearings
- Easy to replace wheels, bolt off and on in seconds
- Comes ready to use on Stainless Steel
- Convenient and safe carry handles on all models
- Safety leash included with all models

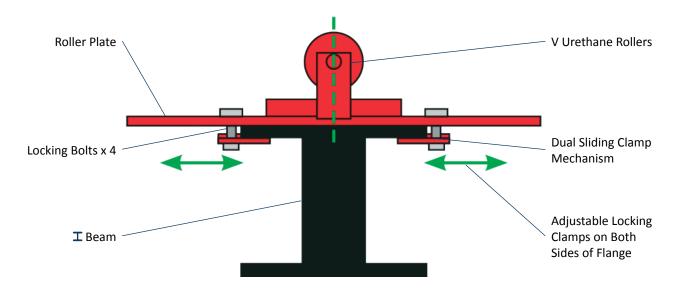


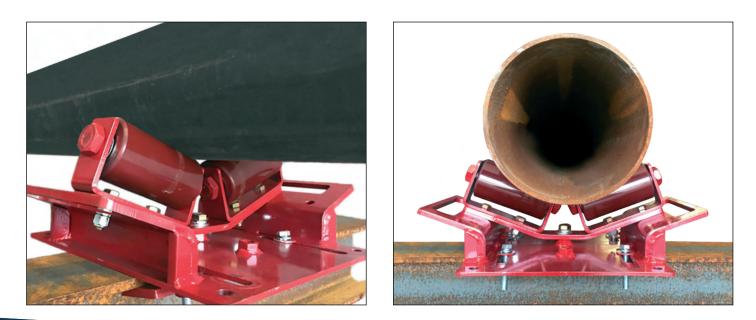


	2110	2110HD	2125	2125HD	2135	2135HD
DESCRIPTION	Beam Clamp Roller 2 - 24"	Beam Clamp Roller HD 2 - 24"	Beam Clamp Roller 4 - 48"	Beam Clamp Roller HD 4 - 48"	Beam Clamp Roller 16 - 60"	Beam Clamp Roller HD 16 - 60"
	1 Ton	3 Tons	5 Tons	10 Tons	5 Tons	10 Tons
LOAD CAPACITY	2,240 lbs	6,720 lbs	11,200 lbs	22,400 lbs	11,200 lbs	22,400 lbs
	1,016 kg	3,048 kg	5,080 kg	10,160 kg	5,080 kg	10,160 kg
	2 - 24"	2 - 24"	4 - 48"	4 - 48"	16 - 60"	16 - 60"
PIPE DIAMETER RANGE	60.3 - 610 mm	60.3 - 610 mm	114.3 - 1,220 mm	114.3 - 1,220 mm	400 - 1,530 mm	400 - 1,530 mm
	59 lbs	95 lbs	130 lbs	180 lbs	145 lbs	200 lbs
UNIT WEIGHT	27 kg	43 kg	59 kg	82 kg	66 kg	91 kg
DIMENSIONS	16.5 x 20.5 x 8"	16.5 x 20.5 x 8"	19 x 30 x 8.75"	19 x 30 x 8.75"	21 x 34 x 8.75"	21 x 34 x 8.75"
L x W x H	419.1 x 520.7 x 203.2 mm	419.1 x 520.7 x 203.2 mm	482.6 x 762 x 222.3 mm	482.6 x 762 x 222.3 mm	533.4 x 863.6 x 222.25 mm	533.4 x 863.6 x 222.25 mm
BEAM FLANGE	6 - 12"	6 - 12"	6 - 12"	6 - 12"	6 - 12"	6 - 12"
WIDTH RANGE	152.4 x 304.8 mm	152.4 x 304.8 mm	152.4 x 304.8 mm	152.4 x 304.8 mm	152.4 x 304.8 mm	152.4 x 304.8 mm
	17 x 21 x 8"	17 x 21 x 8"	19 x 30 x 9"	19 x 30 x 9"	21 x 34 x 9"	21 x 34 x 9"
SHIPPING WEIGHT	431.8 x 533.4 x 203.2 mm	431.8 x 533.4 x 203.2 mm	482.6 x 762 x 228.6 mm	482.6 x 762 x 228.6 mm	533.4 x 863.6 x 228.6 mm	533.4 x 863.6 x 228.6 mm



Roller maintains at centre of **I** Beam





GLOBAL LEADER IN SPECIALIZED MACHINING, WELDING AND FABRICATION EQUIPMENT



Contact Americas sales@sfe-brands.com



Contact International sales-int@sfe-brands.com



Our group policy is one of continuous improvements and acquisitions. Products and data tables are subject to change and may vary from those illustrated. Copyright © 2025 Specialized Fabrication Equipment Group, All rights reserved.