Mathey has been the leader in pipe cutting since we invented the saddle machine in 1934. Our new CNC Saddle Machines prove what the professionals know...Mathey continues to set the standard!

**Innovative pipefitter-friendly software interface:**

**Step-by-step software gives you complete control**

- Operates on a Windows laptop
- Simple icon-driven control screens
- Step-by-step cut selection process
- Requires little to no training, set up and make cuts in minutes
- Dynamic on-screen display of cut
- Cutting speed can be user controlled during cut
- Automatic storage of previous cuts
- Multiple cut sequencing for automating common tasks
- Plasma torch auto-fire and stop control

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Model</th>
<th>Pipe Sizes (NPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.0117.MSA</td>
<td>MSA</td>
<td>1½, 2, 2½, 3, 3½, 4</td>
</tr>
<tr>
<td>03.0117.1SA</td>
<td>1SA</td>
<td>3, 3½, 4, 5, 6, 8</td>
</tr>
<tr>
<td>03.0117.2SA</td>
<td>2SA</td>
<td>6, 8, 10, 12</td>
</tr>
<tr>
<td>03.0117.SET</td>
<td>All 3</td>
<td>1½ thru 12</td>
</tr>
<tr>
<td>03.0117.000</td>
<td>Software Only</td>
<td>All Models</td>
</tr>
</tbody>
</table>

**Traditional Mathey Dearman Saddle Machines**

The industry-standard for over 80 years, the Mathey Dearman Saddle Machine is versatile, simple to use, and perfect for almost any pipe cutting and beveling application. Lightweight and durable, Mathey Dearman Saddle Machines are designed for accurate, quality cuts on 1 ½” – 48” (38 mm – 1219 mm) pipes.

**PROVEN**
- Depended on by professionals for over 80 years

**VERSATILE**
- Every model works on a range of pipe sizes

**EASY SET-UP**
- Mount and begin cutting in as little as 5 minutes

**ADAPTABLE**
- Works with all standard torches, including plasma

**PRECISE**
- Produces square cuts and exact bevels quickly and easily

**PORTABLE**
- Light and compact, perfect for shop or field applications

**FAST**
- Pipe is ready to weld up to five times quicker than hand cutting and grinding

Check our web site www.mathey.com for the full range of accessories and Contour Cutting Attachments available for our Saddle Machines.
MINI JOLLI CHAIN MACHINE

Extremely rugged yet lightweight, the Mini Jolli is our most popular chain cutting and beveling machine. Recommended for cutting a very broad range of pipe and vessels, the Mini Jolli Chain Machine easily adjusts from one pipe size to the next, precisely following the outside pipe diameter to produce a consistent bevel. The Mini Jolli’s unique, compact design delivers exceptional performance and accurate results. Cuts pipe diameters 2” (51 mm) and larger.

BEST CHOICE | For small shop or maintenance facility
BEST MACHINE | For multiple pipe diameters
FASTER | Up to 50% faster than hand cutting and grinding
ACCURATE | Two wheel positions, Double Row Chain and available Guide Track ensure precision cutting and beveling

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual Mini Jolli</td>
<td>05.0520.000</td>
</tr>
<tr>
<td>PlasmaSpeed Mini Jolli</td>
<td>05.0520.S01</td>
</tr>
</tbody>
</table>

MANUAL OR MOTORIZED BAND CRAWLER

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”
LOW PROFILE | Requires as little as 10 ½” of radial clearance
ONE SIZE FITS ALL | One Crawler fits all Band sizes
FAST | 60% faster than hand cutting and grinding
PLASMASPEED | Available Motorized with PlasmaSpeed Digital Motor Control

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Band Crawler with 9’ (2.7m) Flexible Drive Cable</td>
<td>05.0116.009</td>
</tr>
<tr>
<td>Band Crawler with 14’ (4.3m) Flexible Drive Cable</td>
<td>05.0116.014</td>
</tr>
<tr>
<td>Band Crawler with PlasmaSpeed Digital Motor Control</td>
<td>05.0116.S01</td>
</tr>
</tbody>
</table>

Rugged Dependable Motorized Control

- Proven digital stepper motor technology provides ultra-precise speed control uphill and downhill
- XL size control switches for easy operation with gloved hands
- Bright daylight LED speed display for easy visibility indoors or in the field
- Soft-start torch acceleration helps make smoother bevels with little to no grinding touch-up
- Heavy-duty connections for long service life
- Integrated circuit breakers protect electronics without the need to carry or replace fuses
- Selectable plasma torch auto start eliminates the need for separate pendant
- Easy to reach standard E-stop for improved safety
- Operates on 115 or 230 VAC for use in any country

Bridge the Gap

- No more special sized bands; Better Bands Bridge the Gap – Up to 3 times more GAP allowance than any other Band on the market
- Patented “Staggered” Latching System for improved setup
- Ensures maximum traction for the beveling 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 Beveling machine equals improved cut quality
- MADE IN USA
**MagnaCut XM**

Featuring a variable-response Motorized Torch Arm, the revolutionary MagnaCut XM cuts, bevels, and welds steel pipe and steel plate without chains, clamps, or other devices. Generating 300 pounds of magnetic force, powerful rare earth magnets in the wheels secure the MagnaCut XM to pipe and plate with a coating of up to .015" (.4 mm) thick. Cuts materials with wall thicknesses up to 3" (76 mm).

- **MINIMUM SET-UP** | Ready to operate in minutes
- **VERSATILE** | Cuts pipe, plate, walls and overheads
- **SAFE** | Remote control allows operator to work a safe distance from the pipe
- **STRONG** | Rare-earth magnets hold the MagnaCut XM to the pipe surface with 300 pounds of force
- **FAST** | Up to 80% faster than cutting by hand; cuts or welds up to 40" (1016 mm) per minute.

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MagnaCut XM, 115 VAC</td>
<td>05.0550.000XM</td>
</tr>
<tr>
<td>230-115 VAC Step-Down Transformer</td>
<td>01.0759.008</td>
</tr>
</tbody>
</table>

**MINIMAG XM**

Like the MagnaCut XM, the versatile MiniMag XM is an excellent tool for cutting, beveling, and welding. It requires minimum set-up time and secures to work surfaces with 300 pounds of magnetic force. The MiniMag XM can be used with plasma or oxy-fuel torches.

- **QUICK** | Sets up and is ready to cut in minutes
- **VERSATILE** | Makes horizontal and vertical cuts, bevels plate and pipe at angles to 45 degrees
- **FLEXIBLE** | Works with all standard torches (including plasma)
- **PRECISE** | Meets even the most exacting cutting specifications
- **FAST** | Up to 80% faster than cutting by hand

**DEARMAN LIGHT CHAIN CLAMP**

Like the MagnaCut XM, the versatile MiniMag XM is an excellent tool for cutting, beveling, and welding. It requires minimum set-up time and secures to work surfaces with 300 pounds of magnetic force. The MiniMag XM can be used with plasma or oxy-fuel torches.

- **QUICK** | Sets up and is ready to cut in minutes
- **VERSATILE** | Makes horizontal and vertical cuts, bevels plate and pipe at angles to 45 degrees
- **FLEXIBLE** | Works with all standard torches (including plasma)
- **PRECISE** | Meets even the most exacting cutting specifications
- **FAST** | Up to 80% faster than cutting by hand

<table>
<thead>
<tr>
<th>Model</th>
<th>Item Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MiniMag XM, 115 VAC</td>
<td>05.0550.MINIXM</td>
</tr>
<tr>
<td>MiniMag XM, 230 VAC</td>
<td>05.0550.MINIXM2</td>
</tr>
</tbody>
</table>

**Single Jackscrew Chain Clamp**

- **ACCURATE** | Aligns within 1/64" (.4 mm) of an inch
- **HEAVY DUTY** | Aligns pipe with wall thickness to Schedule 80
- **STRONG** | Reforms mating pipe with wall thickness to Schedule 40
- **SAFER** | Level and Support Device holds fittings safely and securely

<table>
<thead>
<tr>
<th>Model*</th>
<th>Jackbars</th>
<th>Nominal Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D231*</td>
<td>3</td>
<td>1-8 (25-203)</td>
</tr>
<tr>
<td>D232*</td>
<td>7</td>
<td>4-16 (102-406)</td>
</tr>
<tr>
<td>D233*</td>
<td>8</td>
<td>10-36 (254-914)</td>
</tr>
<tr>
<td>D234*</td>
<td>13</td>
<td>10-54 (254-1372)</td>
</tr>
</tbody>
</table>

*Add SS to end of Part Number for stainless steel chain. All clamps equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

**Double Jackscrew Chain Clamp**

- **PRECISE ALIGNMENT** | Double Jackbars spaced around the diameter of the pipe allow reforming on both sides of joint
- **HEAVY DUTY** | Aligns pipe with wall thickness up to Schedule 80
- **STRONG** | Reforms pipe with wall thickness to Schedule 40
- **WIDE RANGE** | Covers the range of 11 cage clamps
- **VERSATILE** | Aligns pipe with wall thickness to Schedule 40, reforms pipe to Schedule 20
- **SAFE** | Level and Support Device holds fittings safely and securely

<table>
<thead>
<tr>
<th>Model*</th>
<th>Jackbars</th>
<th>Nominal Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D250*</td>
<td>3</td>
<td>1-8 (25-203)</td>
</tr>
<tr>
<td>D249*</td>
<td>7</td>
<td>4-16 (102-406)</td>
</tr>
<tr>
<td>D235*</td>
<td>8</td>
<td>10-36 (254-914)</td>
</tr>
<tr>
<td>D236*</td>
<td>13</td>
<td>10-54 (254-1372)</td>
</tr>
</tbody>
</table>

*Add SS to end of Part Number for stainless steel chain. All clamps equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

**Dearman Light Single Jackscrew Chain Clamp**

- **ACCURATE** | Aligns within 1/64" (.4 mm)
- **WIDE RANGE** | Covers the range of 11 cage clamps
- **VERSATILE** | Aligns pipe with wall thickness to Schedule 40, reforms pipe to Schedule 20

<table>
<thead>
<tr>
<th>Model</th>
<th>Jackbars</th>
<th>Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D231-LT*</td>
<td>5</td>
<td>1-12 (25-305)</td>
</tr>
<tr>
<td>D232-LT*</td>
<td>7</td>
<td>4-20 (102-508)</td>
</tr>
<tr>
<td>D233-LT*</td>
<td>10</td>
<td>6-36 (152-914)</td>
</tr>
</tbody>
</table>

**Dearman Light Double Jackscrew Chain Clamp**

<table>
<thead>
<tr>
<th>Model</th>
<th>Jackbars</th>
<th>Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D249-LT*</td>
<td>7</td>
<td>4-20 (102-508)</td>
</tr>
<tr>
<td>D235-LT*</td>
<td>10</td>
<td>6-36 (152-914)</td>
</tr>
</tbody>
</table>

*Add SS to end of Part Number for stainless steel applications.

D231-LT does not include level and support device or storage box.
**VERSATILE** | Reforms pipe to Schedule 20 and aligns pipe to Schedule 40

**PRECISE** | Swivel-foot Jackscrews help ensure precise alignment by securely holding on uneven pipe surfaces

**SAFER** | Jackbars can be adjusted to relocate the contact point of Jackscrews for extra support of mating pipe or fittings

**WIDE RANGE** | A single Universal Chain Clamp covers the same range as 8 cage clamps

<table>
<thead>
<tr>
<th>Model</th>
<th>Jackbars</th>
<th>Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D2250*</td>
<td>3</td>
<td>1-8 (25-203)</td>
</tr>
<tr>
<td>D2249*</td>
<td>7</td>
<td>4-16 (102-406)</td>
</tr>
<tr>
<td>D2235*</td>
<td>8</td>
<td>10-36 (254-914)</td>
</tr>
</tbody>
</table>

*Add SS to end of Part Number for stainless steel chain. All clamps equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

**DOUBLE CHAIN CLAMP**

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 extra heavy-duty Jackbars and Main Block provide the brute strength necessary to accomplish even the toughest reforming jobs.

<table>
<thead>
<tr>
<th>Number</th>
<th>Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D251-1036*</td>
<td>10-36 (254-914)</td>
</tr>
<tr>
<td>D251-1048*</td>
<td>10-48 (254-1219)</td>
</tr>
<tr>
<td>D251-1054*</td>
<td>10-54 (254-1372)</td>
</tr>
<tr>
<td>D251-1060*</td>
<td>10-60 (254-1524)</td>
</tr>
<tr>
<td>D251-1072*</td>
<td>10-72 (254-1829)</td>
</tr>
<tr>
<td>D251-1084*</td>
<td>10-84 (254-2134)</td>
</tr>
<tr>
<td>D251-1096*</td>
<td>10-96 (254-2438)</td>
</tr>
<tr>
<td>D251-1108*</td>
<td>10-108 (254-2743)</td>
</tr>
<tr>
<td>D251-1120*</td>
<td>10-120 (254-3048)</td>
</tr>
<tr>
<td>D251-1132*</td>
<td>10-132 (254-3353)</td>
</tr>
<tr>
<td>D251-1144*</td>
<td>10-144 (254-3658)</td>
</tr>
<tr>
<td>D251-1168*</td>
<td>10-168 (254-4267)</td>
</tr>
<tr>
<td>D251-1192*</td>
<td>10-192 (254-4877)</td>
</tr>
<tr>
<td>D251-1216*</td>
<td>10-216 (254-5486)</td>
</tr>
<tr>
<td>D251-1240*</td>
<td>10-240 (254-6096)</td>
</tr>
</tbody>
</table>

*Add SS to end of Part Number for stainless steel chain. All clamps equipped with stainless steel Jackbars, Jackscrews, and Main Blocks.

**THE NEW DEARMAN SLEEVE CLAMP**

**SAFE** | No unstable bottle jacks to suddenly slip

**PRECISE** | Equal clamping force provides better fit-up

**EASY TO HANDLE** | Installed by one person

**ADAPTABLE** | Fits a wide range of sizes and thicknesses

**DURABLE** | Rugged corrosion-resistant construction

<table>
<thead>
<tr>
<th>Model</th>
<th>Pipe Size Range in (mm)</th>
<th>Clamping Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>DB-724</td>
<td>6 - 24 (152 – 610)</td>
<td>5,000 PSI</td>
</tr>
<tr>
<td>DB-748</td>
<td>6 - 48 (152 – 1219)</td>
<td>5,000 PSI</td>
</tr>
<tr>
<td>DC-724</td>
<td>6 - 24 (152 – 610)</td>
<td>10,000 PSI</td>
</tr>
<tr>
<td>DC-748</td>
<td>6 – 48 (152 – 1219)</td>
<td>10,000 PSI</td>
</tr>
</tbody>
</table>

**RIM CLAMPS & MEGA RIM CLAMPS**

Mathey Dearman Rim Clamps 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.

For reforming high tensile strength pipe, there is nothing like a Mathey Dearman Mega Rim Clamp. Our Mega Rim Clamps align and reform high tensile strength X65, X70 and X80 pipe with wall thicknesses up to 1 3/8” (35 mm). Capable of reforming pipe with an out-of-round condition of up to 2” (51 mm).

The Mega Rim’s hinged flip-up Jackbars are precisely positioned on the Clamp so they can be rotated away from the primary pipe for insertion of the mating pipe, valve or fitting and to facilitate welding and grinding. All surfaces of the Mega Rim Clamp that contact the pipe are made of stainless steel.
Mathey Dearman Cage Clamps are available in Hand-lever, Ratchet, and Hydraulic models in either tack or no-tack versions, ranging in sizes for pipes 2” to 60” (51 mm to 1524 mm). Our 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 +/- 3/16” (5 mm) from the indicated Clamp diameter, pipes may not align accurately. Clamps are available for carbon or stainless steel applications.

**Hand-lever Cage Clamp**

**Ratchet Cage Clamp**

**Hydraulic Cage Clamp**

**MINI-FIT CHAIN CLAMP**

**LIGHTWEIGHT** | Easy to carry and handle

**ECONOMICAL** | Covers all pipe diameters from 3/4” to 8” (19 mm to 203 mm) with one clamp

**ACCURATE** | 3 Jackscrews help ensure perfect alignment on small diameter pipe and fittings

**VERSATILE** | Align pipe to Schedule 40, reform pipe to Schedule 10

**QUIK-FIT CLAMPS**

**RUGGED** | Built for years of reliable service

**LIGHTWEIGHT** | Easy to use in overhead work

**VERSATILE** | 3 Clamps cover 1”-12” (25-305mm) pipe

**FAST** | Smooth, quick action for rapid fit-ups

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Pipe Size Range in (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QFC-12</td>
<td>1-2 (25-51)</td>
</tr>
<tr>
<td>QFC-26</td>
<td>2-6 (51-152)</td>
</tr>
<tr>
<td>QFC-512</td>
<td>5-12 (127-305)</td>
</tr>
</tbody>
</table>

**Model** | **Pipe Size Range in (mm)**
---|---
D230 | 3/4-8 (19-203)
D230-SS | 3/4-8 (19-204)

**Q.C. WELDER’S GAUGE WITH PIT DEPTH GAUGE - INCH OR METRIC**

**Q.F. WELDER’S GAUGE WITH PIT DEPTH GAUGE - INCH OR METRIC**

**PIPFITTER’S TOOLS**

**HOLD DOWN CLAMPS**

**INTERNAL FLANGE ALIGNMENT TOOLS**

**FLANGE SPREADERS**

**FLANGE LINE UP PINS (FLUPS)** CARBON & STAINLESS STEEL

**SS** - Indicates clamp is for stainless steel application.
COLD CUTTING PIPE BEVELERS

MINI K
RANGE 0.79"-1.65"
[20-42 MM]

MINI C40
RANGE 0.79"-1.54"
[20-39 MM]

MINI AUTO
RANGE 0.79"-1.65"
[20-42 MM]

TC 40
RANGE 0.39"-1.90"
[10-48.3 MM]

TC 73
RANGE 0.39"-2.87"
[10-73 MM]

BOILER K
RANGE 1.10"-2.99"
[28-76 MM]

BOILER 1/4
RANGE 0.90"-4.25"
[23-108 MM]

BOILER 1/4 AUTO
RANGE 0.90"-4.25"
[23-108 MM]

SUPERBOILER T4
RANGE 1.53"-4.09"
[39-104 MM]

SUPERBOILER T5
RANGE 1.92"-7.99"
[49-203 MM]

SUPERMAXI 4-16
RANGE 3.7"-12.5"
[94.5-318.5 MM]

SUPERMAXI 7-24
RANGE 7.08"-19.84"
[180-504 MM]

HYPERMAXI 20-36
RANGE 20"-36"
[508-937 MM]

TC 40
RANGE 0.79"-1.65"
[20-42 MM]

BOILER 1/4
RANGE 0.90"-4.25"
[23-108 MM]

BOILER 1/4 AUTO
RANGE 0.90"-4.25"
[23-108 MM]

SUPERBOILER T4
RANGE 1.53"-4.09"
[39-104 MM]

SUPERMAXI 4-16
RANGE 3.7"-12.5"
[94.5-318.5 MM]

SUPERMAXI 7-24
RANGE 7.08"-19.84"
[180-504 MM]

HYPERMAXI 20-36
RANGE 20"-36"
[508-937 MM]

TC 73
RANGE 0.39"-2.87"
[10-73 MM]

COLD CUTTING PIPE CUTTERS

GBC 2700 SAW
ELECTRIC or PNEUMATIC
RANGE 1"-21" [25-533 MM]

FAST 6-36
5 MODELS COVERING 6"-36"
[153-937 MM]

SUPERCUTTER
9 MODELS
COVERING
6"-60" [168-1530 MM]

HYPERCUTTER
3 MODELS COVERING 60"-96"
[1524-2438 MM]

PIPE 4
RANGE 1/2"-4 1/2"
[13-120 MM]

PIPE 8
RANGE 3"-8"
[80-230 MM]

TAF 120
RANGE 16"-120"
[406-3048 MM]

GBC CUTTER
9 MODELS COVERING 1"-36"
[23-937 MM]
COLD CUTTING PLATE BEVELERS

EDGE 46
THICKNESS RANGE .3125” - 4.75”
[8 - 120 MM]

CHALLENGE 12
THICKNESS RANGE .25” - 1.5”
[6 - 40 MM]

CHALLENGE 15
THICKNESS RANGE .25” - 1.5”
[6 - 40 MM]

MULTIEDGE
THICKNESS RANGE .25” - 2.375”
[6 - 60 MM]

COMPACT EDGE
THICKNESS RANGE .25” - 2.375”
[6 - 60 MM]

EDGE 46
THICKNESS RANGE .3125” - 4.75”
[8 - 120 MM]