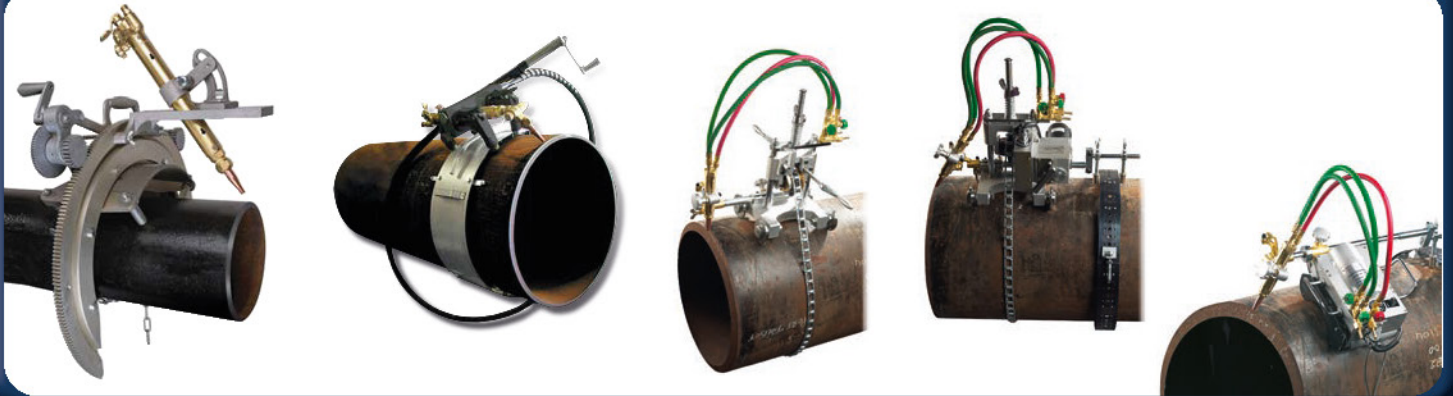


## PIPE FLAME CUTTING AND BEVELLING



## PIPE ALIGNMENT AND REFORMING CLAMPS



## PIPE RIGGING EQUIPMENT





## Introduction to Mathey Dearman

The company Mathey Dearman was originally founded in the United States in the 1930's. During the first decades its founder C.A Mathey developed patented saddle-type portable pipe cutting and bevelling machines and clamping, aligning and reforming systems for pipes. Mathey Dearman became rapidly a worldwide recognized authority within its field 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 re-aligned and integrated into the overall S.F.E. Group product range whilst keeping their own brand identity.

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

With the Mathey Dearman brand, S.F.E. Group not only wishes to highlight the focus on this particular product line, but also supply the growing demand and diverse applications in the industries that it already serves and intertwine with other product applications within S.F.E. Group.

As an OEM and backed with over 80 years of development, S.F.E. Group prides itself being renowned for its innovations, ground-breaking developments and creative designs within the Mathey Dearman product range. With its engineering capabilities, customer-oriented focus and flexibility, the Mathey Dearman brand provides the possibility to design out-of-the-box pipe machining and tooling solutions to fulfil customers' projects' specific needs in particular and to cater for an ever-evolving industry in general.

Mathey Dearman products are available from the international S.F.E. Group branches on 4 continents, as well as from S.F.E. Group's extensive and continuously expanding global network of partners and distributors.

**Where there's pipe, there's Mathey.**  
**Get in touch for all your piping applications.**



### PIPE FLAME CUTTING AND BEVELLING



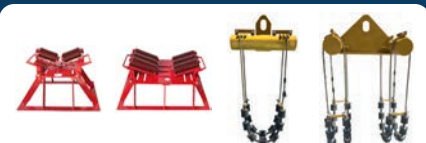
Mathey Dearman manufactures multiple flame and plasma pipe cutters and bevellers and are recognized as the leader in this product category. These machines are used across multiple fabrication projects, most commonly found in the energy construction markets.

### PIPE ALIGNMENT AND REFORMING CLAMPS



With continuous improvement and new additions, Mathey Dearman is now offering the most complete line in the industry of pipe alignment and reforming clamps.

### PIPE RIGGING EQUIPMENT



A new line of pipe rigging products is offered under the Mathey Dearman brand. Pipe slings and cradles, pipe launchers and rigging rollers add focus on a complimentary pipeline product category to Mathey Dearman's range of aligning and reforming clamps and flame and plasma pipe cutting and bevelling machines.



## PIPE FLAME CUTTING AND BEVELLING







## SADDLE MACHINE MOTORIZED / MANUAL

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 1½" - 48" (38 mm - 1,219 mm) pipes.

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

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

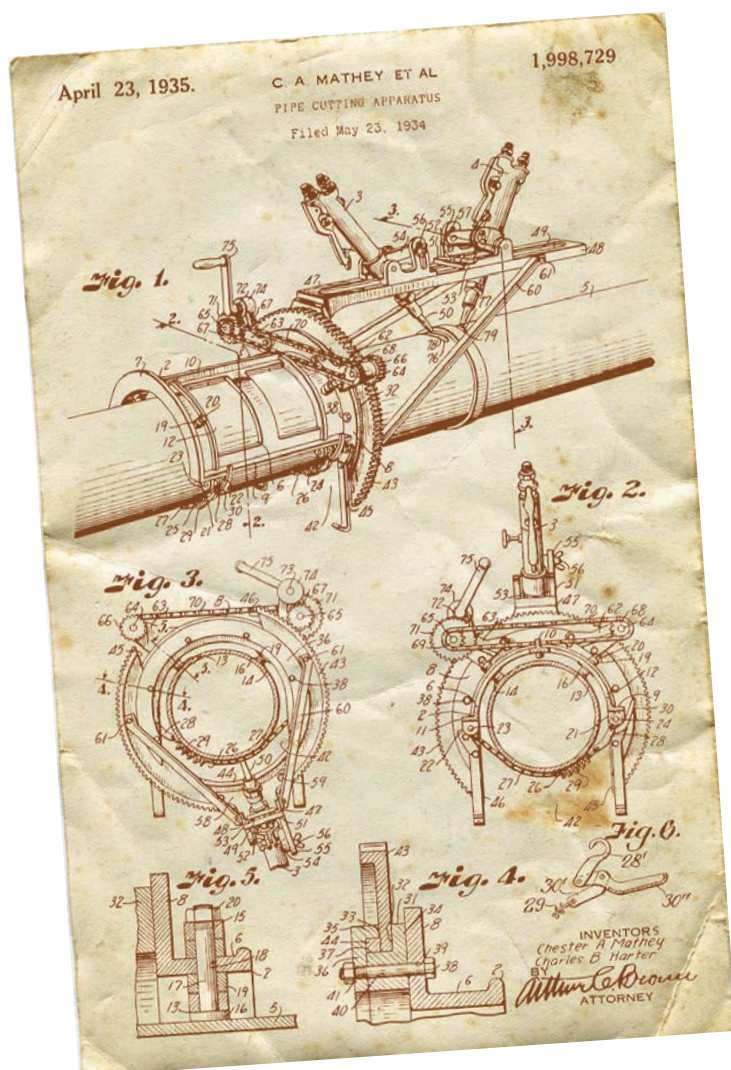
**Portable** - Light and compact, perfect for shop or field applications

**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
- 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 1½" - 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

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



#### Conventional cutting vs saddle cutting time

##### Hand cutting

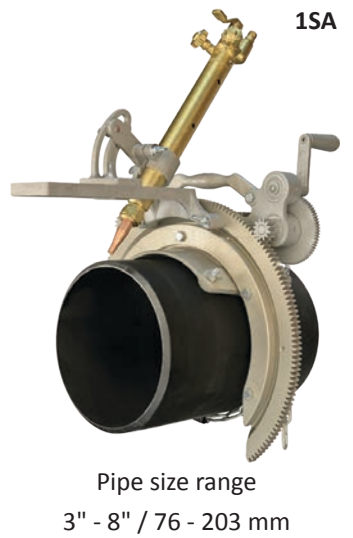
**Time: 30 minutes**

- 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



## 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         | 03.01S1.000 | 03.01S2.000 |

## Motorized saddle machines / PLASMASPEED

| MACHINE MODEL                           | MSA         | 1SA         | 2SA         |
|---|-------------|-------------|-------------|
| Motorized with spacer bolts 115/230 VAC | 03.0100.S01 | 03.0101.S01 | 03.0102.S01 |
| Motorized with step spacers 115/230 VAC | n/a         | 03.01S1.S01 | 03.01S2.S01 |

## 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                                      | 2SA   |
|---|---|--|---|
| Pipe size in (mm)                       | 2" - 4" (50 - 102 mm)                   | 3" - 8" (76 - 203 mm)                    | 6" - 12" (152 - 305 mm)                     |
| Net weight lbs. / kg                    | 10 lbs. / 5.00 kg                       | 16 lbs. / 7.00 kg                        | 26 lbs. / 12.00 kg                          |
| Estimated shipping weight lbs. / kg     | 12 lbs. / 5.40 kg                       | 24 lbs. / 11.00 kg                       | 34 lbs. / 15.50 kg                          |
| Shipping dimensions in (mm)             | 12" x 12" x 10"<br>(305 x 305 x 254 mm) | 18" x 18" x 11½"<br>(457 x 457 x 492 mm) | 23" x 23" x 12½"<br>(584 x 584 x 318 mm)    |
| Maximum speed (motorized) ipm* / mpm**  | 141 / 3581                              | 71 / 1803                                | 89 / 2261                                   |
| Minimum speed (motorized) ipm* / mpm**  | 4 / 102                                 | 4 / 102                                  | 6 / 152                                     |
| Includes spacer bolts to cut pipe sizes | 2", 3", 4"<br>(51, 76, 102 mm)          | 3", 4", 6", 8"<br>(76, 102, 152, 203 mm) | 6", 8", 10", 12"<br>(152, 203, 254, 305 mm) |

\* inches per minute | \*\* millimeters per minute





4SA

Pipe size range  
20" - 26" / 508 - 660 mm



5SA

Pipe size range  
24" - 30" / 610 - 762 mm



6SA

Pipe size range  
28" - 36" / 711 - 914 mm



8SA

Pipe size range  
36" - 48" / 914 - 1,219 mm

| 3SA         | 4SA         | 5SA         | 6SA         | 8SA         |
|-------------|-------------|-------------|-------------|-------------|
| 03.0103.000 | 03.0104.000 | 03.0105.000 | 03.0106.000 | 03.0108.000 |
| 03.0153.000 | 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.S01 |
| 03.0153.S01 | n/a         | n/a         | n/a         | n/a         |

| 3SA         | 4SA         | 5SA         | 6SA         | 8SA         |
|-------------|-------------|-------------|-------------|-------------|
| 03.0103.SA1 | 03.0103.SA1 | 03.0105.SA1 | 03.0105.SA1 | 03.0105.SA1 |

| 3SA   | 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. / 33.00 kg                                      | 150 lbs. / 68.00 kg                           | 185 lbs. / 84.00 kg                           | 295 lbs. / 134.00 kg                        | 537 lbs. / 244.00 kg  |
| 34" x 32" x 12"<br>(864 x 813 x 305 mm)                 | 40½" x 41" x 19"<br>(1,029 x 1,041 x 423 mm)  | 40½" x 41" x 19"<br>(1,029 x 1,041 x 423 mm)  | 57" x 43" x 18"<br>(1,488 x 1,002 x 483 mm) | 69" x 60" x 21"<br>(1,753 x 1,524 x 533 mm)                   |
| 47 / 1194   | 53 / 1346                                     | 34 / 864                                      | 35 / 889                                    | 36 / 914  |
| 7 / 178   | 7 / 178                                       | 8 / 203                                       | 5 / 127                                     | 5 / 127   |
| 12", 14", 16", 18", 20"<br>(305, 356, 406, 457, 508 mm) | 20", 22", 24", 26"<br>(508, 559, 610, 660 mm) | 24", 26", 28", 30"<br>(610, 660, 711, 762 mm) | 28", 30", 36"<br>(711, 762, 914 mm)         | 36", 38", 40", 42", 48"<br>(914, 964, 1,016, 1,067, 1,219 mm) |

**Contour cutting attachment** - When cutting a 90° saddle on 8" pipe, the combination of the saddle machine and contour cutting attachment reduces cutting and grinding time by up to 80%.



| MODEL    | PIPE SIZE |                | PART NO.    | PACKAGED WEIGHT |         | PACKAGED DIMENSIONS |                      |
|----------|-----------|----------------|-------------|-----------------|---------|---------------------|----------------------|
| MSA      | 1.5" - 4" | 38 - 102 mm    | 03.0116.MSA | 7 lbs.          | 3.20 kg | 23" x 10" x 9"      | 584 x 254 x 229 mm   |
| 1 - 2 SA | 3" - 12"  | 76 - 305 mm    | 03.0116.1SA | 7 lbs.          | 3.20 kg | 36" x 12" x 12"     | 914 x 305 x 305 mm   |
| 3SA      | 12" - 20" | 305 - 508 mm   | 03.0116.3SA | 9 lbs.          | 4.10 kg | 36" x 12" x 12"     | 914 x 305 x 305 mm   |
| 4SA      | 20" - 26" | 508 - 660 mm   | 03.0116.4SA | 9 lbs.          | 4.10 kg | 36" x 12" x 12"     | 914 x 305 x 305 mm   |
| 5SA      | 24" - 30" | 610 - 762 mm   | 03.0116.5SA | 11 lbs.         | 5.00 kg | 48" x 12" x 12"     | 1,219 x 305 x 305 mm |
| 6SA      | 28" - 36" | 711 - 914 mm   | 03.0116.6SA | 13 lbs.         | 5.90 kg | 48" x 12" x 12"     | 1,219 x 305 x 305 mm |
| 8SA      | 36" - 48" | 914 - 1,219 mm | 03.0116.8SA | 16 lbs.         | 7.20 kg | 48" x 12" x 12"     | 1,219 x 305 x 305 mm |

**Contour cutting shape templates** - Produce perfect miter and saddle cuts with the easy to use Mathey Dearman contour cutting attachment. Simply choose the template for the desired type of cut and the torch will follow the template around the pipe. Contour cutting attachments and templates are available for 1½" - 48" (38 mm - 1,219 mm) pipe.



**NOTE:** Template form is required prior to order - template cannot be returned

| MODEL | SPACERS FOR PIPE SIZES |                | PART NO       | PACKAGED WEIGHT |                  | PACKAGED DIMENSIONS |                        |
|-------|------------------------|----------------|---------------|-----------------|------------------|---------------------|------------------------|
| MSA   | 1.5" - 4"              | 38 - 102 mm    | 03.0115.M . . | 3.5 - 5 lbs.    | 1.60 - 2.30 kg   | 12" x 12" x 9"      | 305 x 305 x 229 mm     |
| 1SA   | 3" - 8"                | 76 - 203 mm    | 03.0115.1 . . | 4.5 - 6 lbs.    | 2.00 - 2.70 kg   | 18" x 18" x 11"     | 457 x 457 x 279 mm     |
| 2SA   | 8" - 12"               | 152 - 305 mm   | 03.0115.2 . . | 6 - 8 lbs.      | 2.70 - 3.60 kg   | 23" x 23" x 13"     | 584 x 584 x 330 mm     |
| 3SA   | 12" - 20"              | 305 - 508 mm   | 03.0115.3 . . | 11 - 15 lbs.    | 5.00 - 7.00 kg   | 36" x 12" x 12"     | 914 x 305 x 305 mm     |
| 4SA   | 20" - 26"              | 508 - 660 mm   | 03.0115.4 . . | 18 - 27 lbs.    | 8.00 - 12.00 kg  | 36" x 36" x TBD     | 914 x 914 x TBD mm     |
| 5SA   | 24" - 30"              | 610 - 762 mm   | 03.0115.5 . . | 22 - 31 lbs.    | 10.00 - 14.00 kg | 42" x 48" x TBD     | 1,067 x 1,219 x TBD mm |
| 6SA   | 28" - 36"              | 711 - 914 mm   | 03.0115.6 . . | 27 - 35 lbs.    | 12.00 - 16.00 kg | 48" x 48" x TBD     | 1,219 x 1,219 x TBD mm |
| 8SA   | 36" - 48"              | 914 - 1,219 mm | 03.0115.8 . . | 31 - 40 lbs.    | 14.00 - 18.00 kg | 60" x 60" x TBD     | 1,524 x 1,524 x TBD 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.



| MODEL | PIPE SIZE |                | PART NO     | PACKAGED WEIGHT |         | PACKAGED DIMENSIONS |                    |
|-------|-----------|----------------|-------------|-----------------|---------|---------------------|--------------------|
| 1SA   | 3" - 8"   | 76 - 203 mm    | 03.0101.030 | 5 lbs.          | 2.30 kg | 20" x 6" x 6"       | 508 x 152 x 152 mm |
| 2SA   | 8" - 12"  | 152 - 305 mm   | 03.0102.015 | 5 lbs.          | 2.30 kg | 20" x 6" x 6"       | 508 x 152 x 152 mm |
| 3SA   | 12" - 20" | 305 - 508 mm   | 03.0103.030 | 5 lbs.          | 2.30 kg | 23" x 10" x 9"      | 584 x 254 x 229 mm |
| 4SA   | 20" - 26" | 508 - 660 mm   | 03.0104.021 | 5 lbs.          | 2.30 kg | 23" x 10" x 9"      | 584 x 254 x 229 mm |
| 5SA   | 24" - 30" | 610 - 762 mm   | 03.0105.025 | 5 lbs.          | 2.30 kg | 23" x 10" x 9"      | 584 x 254 x 229 mm |
| 6SA   | 28" - 36" | 711 - 914 mm   | 03.0106.018 | 5.5 lbs.        | 2.50 kg | 23" x 10" x 9"      | 584 x 254 x 229 mm |
| 8SA   | 36" - 48" | 914 - 1,219 mm | 03.0108.014 | 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.



| DESCRIPTION                 | PART NO     | PACKAGED WEIGHT |         | PACKAGED DIMENSIONS |                    |
|-----------------------------|-------------|-----------------|---------|---------------------|--------------------|
| Pro model with out of round | 03.0209.000 | 9.50 lbs.       | 4.30 kg | 16" x 8" x 8"       | 406 x 203 x 203 mm |
| Pro model basic assembly    | 03.0209.001 | 7 lbs.          | 3.20 kg | 16" x 8" x 8"       | 406 x 203 x 203 mm |
| Tracer point                | 03.0209.012 | 1.60 lbs.       | 0.70 kg | 12" x 6" x 6"       | 305 x 152 x 152 mm |

Torch holders that can accommodate up to 2" barrel diameter torches are available

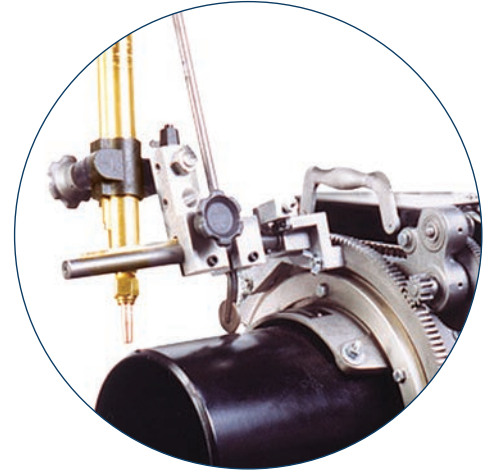


## Out-of-round roller attachment

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 ¼" (6 mm).

This separate attachment comes with all required parts and assembly instructions.

Pro model with out-of-round roller attachment kit installed

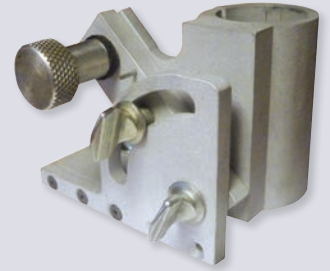


| DESCRIPTION      | PART NO     | PACKAGED WEIGHT |         | PACKAGED DIMENSIONS |                    |
|------------------|-------------|-----------------|---------|---------------------|--------------------|
| Out of round kit | 03.0209.003 | 2.50 lbs.       | 1.10 kg | 12" x 6" x 6"       | 305 x 152 x 152 mm |

## Cam-adjustable torch carrier

The cam-adjustable torch carrier 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.

ITEM 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.



| MODEL | PART NO     | DIMENSIONS      |                        | MANUAL OR MOTORIZED | BOX TYPE | PACKAGED WEIGHT |           |
|-------|-------------|-----------------|------------------------|---------------------|----------|-----------------|-----------|
| MSA   | 03.0100.BOX | 17" x 17" x 17" | 432 x 432 x 432 mm     | Manual only         | Metal    | 23 lbs.         | 11.00 kg  |
| 1SA   | 03.0101.BOX | 20" x 18" x 17" | 205 x 457 x 432 mm     | Manual only         | Metal    | 33 lbs.         | 15.00 kg  |
| 2SA   | 03.0102.BOX | 25" x 22" x 18" | 635 x 559 x 457 mm     | Manual only         | Metal    | 41 lbs.         | 19.00 kg  |
| 3SA   | 03.0103.BOX | 34" x 34" x 14" | 864 x 864 x 356 mm     | Manual or motorized | Wood     | 60 lbs.         | 27.00 kg  |
| 4SA   | 03.0104.BOX | 40" x 38" x 14" | 1,016 x 965 x 356 mm   | Manual or motorized | Wood     | 75 lbs.         | 34.00 kg  |
| 5SA   | 03.0105.BOX | 42" x 40" x 14" | 1,067 x 1,016 x 356 mm | Manual or motorized | Wood     | 75 lbs.         | 34.00 kg  |
| 6SA   | 03.0106.BOX | 56" x 48" x 16" | 1,422 x 1,219 x 406 mm | Manual only         | Wood     | 175 lbs.        | 79.00 kg  |
| 8SA   | 03.0108.BOX | 70" x 56" x 19" | 1,778 x 1,422 x 483 mm | Manual only         | Wood     | 250 lbs.        | 102.00 kg |

\* No spacers required for 4" pipe set up

## 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.

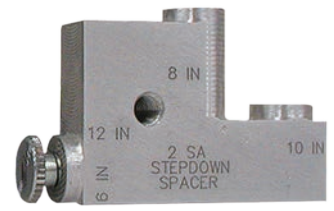
## Step spacer kit

| DESCRIPTION      | PART NO        | FOR PIPE SIZES          |  | PACKAGED WEIGHT |         |
|------------------|----------------|-------------------------|--|-----------------|---------|
| 1SA Step Spacers | 03.0110.1SAKIT | 3", 4", 6", 8"          | 76 mm, 102 mm, 152 mm, 203 mm          | 1.60 lbs.       | 0.70 kg |
| 2SA Step Spacers | 03.0110.2SAKIT | 6", 8", 10", 12"        | 152 mm, 203 mm, 254 mm, 305 mm         | 1.60 lbs.       | 0.70 kg |
| 3SA Step Spacers | 03.0110.3SAKIT | 12", 14", 16", 18", 20" | 305 mm, 356 mm, 406 mm, 457 mm, 508 mm | 1.60 lbs.       | 0.70 kg |

### 1SA STEP SPACER



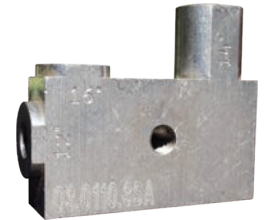
### 2SA STEP SPACER



## Step spacers (individual)

| DESCRIPTION     | PART NO     | FOR PIPE SIZES          |  | PACKAGED WEIGHT |         |
|-----------------|-------------|-------------------------|--|-----------------|---------|
| 1SA Step Spacer | 03.0110.1SA | 3", 4", 6", 8"          | 76 mm, 102 mm, 152 mm, 203 mm          | 0.40 lbs.       | 0.20 kg |
| 2SA Step Spacer | 03.0110.2SA | 6", 8", 10", 12"        | 152 mm, 203 mm, 254 mm, 305 mm         | 0.40 lbs.       | 0.20 kg |
| 3SA Step Spacer | 03.0110.3SA | 12", 14", 16", 18", 20" | 305 mm, 356 mm, 406 mm, 457 mm, 508 mm | 0.40 lbs.       | 0.20 kg |

### 3SA STEP SPACER



## SPACER BOLT KIT



## 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 item number for quick identification.

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

*Spacer bolts can be replaced individually or in sets.*

## Step spacers (individual)

| DESCRIPTION | PART NO     | FOR PIPE SIZES          |  | PACKAGED WEIGHT |         |
|-------------|-------------|-------------------------|--|-----------------|---------|
| MSA         | 03.0MSA.KIT | 2", 3"                  | 51 mm, 76 mm                                 | 1 lbs.          | 0.50 kg |
| 1SA         | 03.01SA.KIT | 3", 4", 6", 8"          | 76 mm, 102 mm, 152 mm, 203 mm                | 4 lbs.          | 1.80 kg |
| 2SA         | 03.02SA.KIT | 6", 8", 10", 12"        | 152 mm, 203 mm, 254 mm, 305 mm               | 5 lbs.          | 2.30 kg |
| 3SA         | 03.03SA.KIT | 12", 14", 16", 18", 20" | 305 mm, 356 mm, 406 mm, 457 mm, 508 mm       | 9 lbs.          | 4.10 kg |
| 4SA         | 03.04SA.KIT | 20", 22", 24", 26"      | 508 mm, 559 mm, 610 mm, 660 mm               | 10 lbs.         | 4.50 kg |
| 5SA         | 03.05SA.KIT | 24", 26", 28", 30"      | 610 mm, 660 mm, 711 mm, 762 mm               | 10 lbs.         | 4.50 kg |
| 6SA         | 03.06SA.KIT | 28", 30", 36"           | 711 mm, 762 mm, 914 mm                       | 20 lbs.         | 9.00 kg |
| 8SA         | 03.08SA.KIT | 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

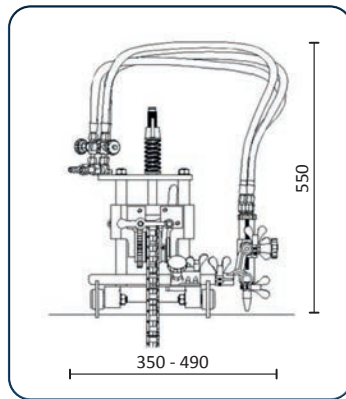
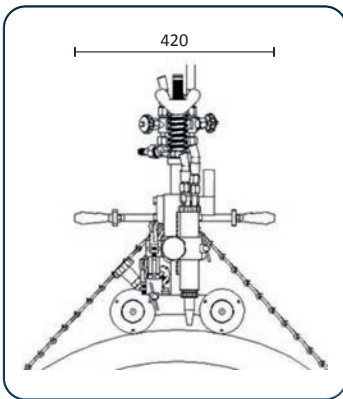
Mathey Dearman's E-Z Pipecut portable oxy-fuel cutting and bevelling chain driven machines are the economical solution for cutting and bevelling pipe with wall thickness 5 mm up to 50 mm.

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.



#### Guide band

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



\* Outside the USA the green hoses will be blue

#### E-Z Pipecut Manual includes:

- Cutting machine E-Z Pipecut manual
- Standard chain for cutting pipe diameter of 4½" - 24" / 114 - 600 mm
- Operation instructions

#### Technical specification

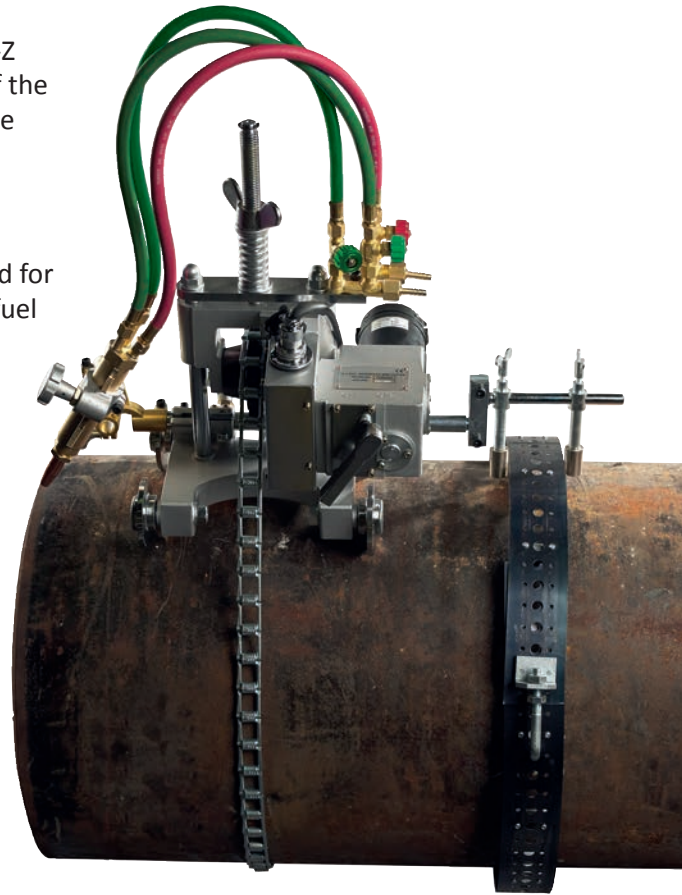
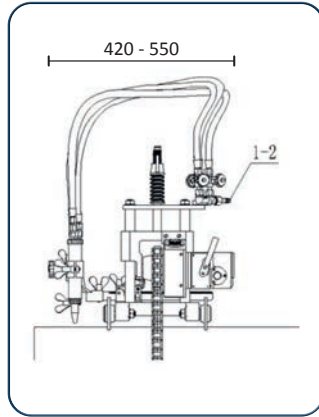
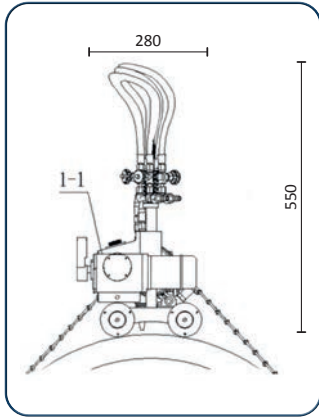
| Part No            | EZPCM  |
|--------------------|--|
| Power supply       | Manual driven unit   |
| Pipe diameter      | Up to 600 mm (in standard configuration)   |
| Wall thickness     | 5 - 50 mm  |
| Torch              | Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle (nozzles not included) |
| Cut/bevel angle    | Variable up to 45°   |
| Vertical torch +/- | 50 mm  |
| Lateral torch +/-  | 100 mm   |
| Track width        | 230 mm   |
| Weight             | 8.50 kg / 18.70 lbs.   |
| Dimensions         | 350 (l) x 420 (w) x 550 (h) mm   |



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 600 mm, using the optional guide band system to suit the relevant pipe size(s) is recommended.

### Remote control



**\* Outside the USA the green hoses will be blue**

### E-Z Pipecut Auto includes:

- Pipe cutting machine E-Z Pipecut Auto
- Standard chain for cutting pipe diameter of 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 600 mm (in standard configuration)   |
| Wall thickness     | 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 +/- | 50 mm  |
| Lateral torch +/-  | 100 mm   |
| Track width        | 230 mm   |
| Cutting speed      | 50 - 1,150 mm/min  |
| Weight             | 16.00 kg / 36 lbs.   |
| Dimensions         | 420 (l) x 280 (w) x 550 (h) mm   |

The Mathey Dearman E-Z Pipecut Magnetic is the economical solution for cutting and bevelling pipe from 350 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 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 600 mm, using the optional guide band system to suit the relevant pipe size(s) is recommended.

**\* Outside the USA the green hoses will be blue**

## E-Z Pipecut Magnetic includes:

- Pipe cutting machine E-Z Pipecut Magnetic
- Universal nozzle-mix torch suitable for all nozzle-mix cutting nozzle
- Gas hoses
- Power cable
- Operation instructions



## Technical specification

| Part No            | EZPCMA1: 110v / EZPCMA2: 220v  |
|--------------------|--|
| Power supply       | 110v / 220v  |
| Pipe diameter      | 350 mm upwards   |
| Wall thickness     | 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 +/- | 50 mm  |
| Lateral torch +/-  | 100 mm   |
| Track width        | 50 - 780 mm/min  |
| Weight             | 20.00 kg / 39.7 lbs  |
| Dimensions         | 350 (l) x 310 (w) x 280 (h) mm   |



# BAND CRAWLER CUTTING AND BEVELING MACHINE

The ideal solution for cutting and beveling in close quarters, the Band Crawler requires as little as 6" (152 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 and operated 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 10½" (267 mm) of radial clearance

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

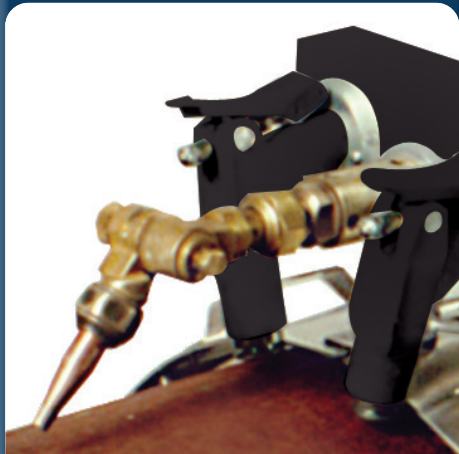
**Fast** - 60% faster than hand cutting and grinding

**Motorized** - Available with PLASMASPEED digital motor control



| MODEL   | PART NO     | PACKAGED WEIGHT |          |
|---|-------------|-----------------|----------|
| Band crawler with 9' (2.7 m) flexible drive cable | 05.0116.009 | 26 lbs.         | 11.70 kg |
| Band crawler with 14' (4.3m) flexible drive cable | 05.0116.014 | 30 lbs.         | 14.00 kg |
| Motorized PLASMASPEED band crawler 110/230 VAC    | 05.0116.S01 | 26 lbs.         | 11.70 kg |
| PLASMASPEED retro fit kit 110/230 VAC             | 05.0116.SA1 | 26 lbs.         | 11.70 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



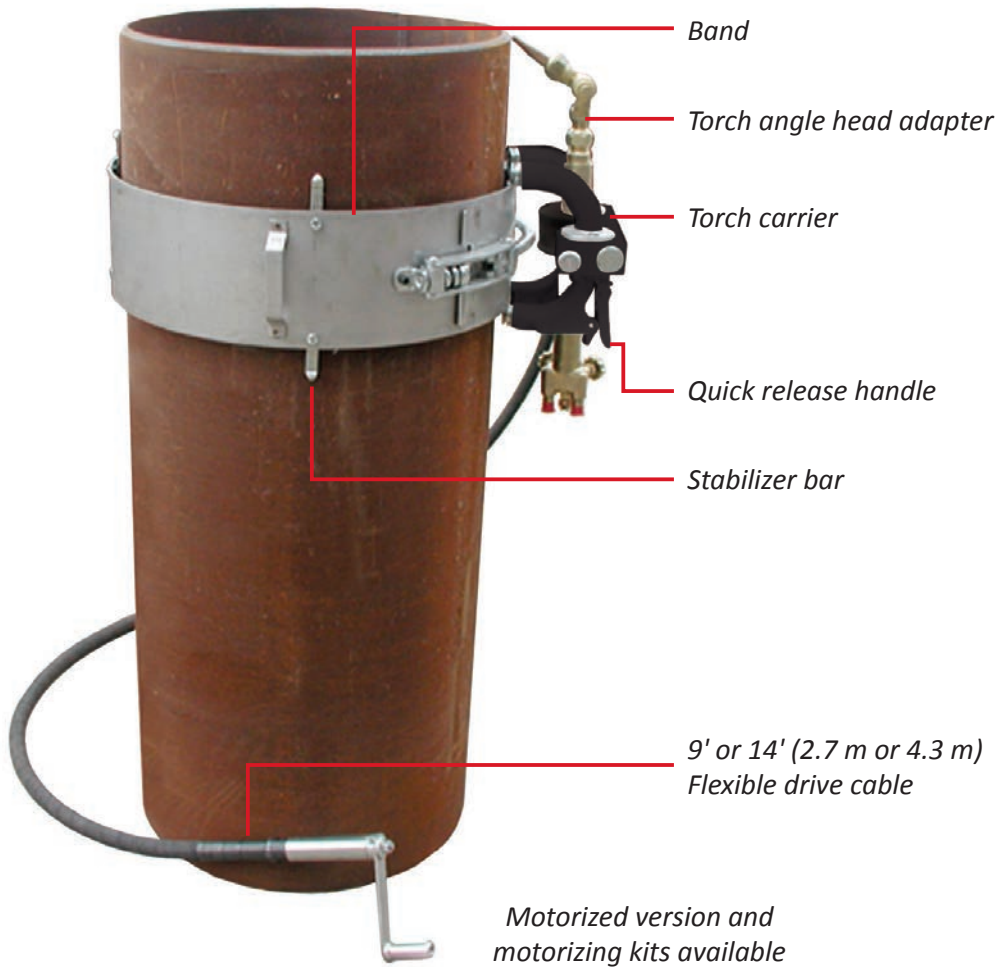
Permits the flexible drive cable to pivot 180 degrees on the end of the band crawler, lowering the profile of the crawler to 6" (153 mm).

## 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.





#### DRIVE CABLE



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

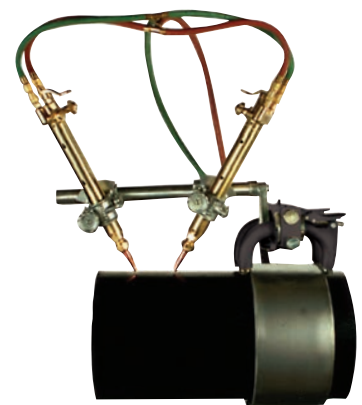
Available in 9' (2.7 m) and 14' (4.3 m) lengths.

#### 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.

- 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



**Bridge the Gap**

## Technical specification

| PIPE SIZE |          | PART NO     | PACKAGED WEIGHT |          |
|-----------|----------|-------------|-----------------|----------|
| 6"        | 152 mm   | 05.0204.006 | 5 lbs.          | 2.00 kg  |
| 8"        | 203 mm   | 05.0204.008 | 6 lbs.          | 3.00 kg  |
| 10"       | 254 mm   | 05.0204.010 | 7 lbs.          | 3.00 kg  |
| 12"       | 305 mm   | 05.0204.012 | 7 lbs.          | 3.00 kg  |
| 14"       | 356 mm   | 05.0204.014 | 11 lbs.         | 5.00 kg  |
| 16"       | 406 mm   | 05.0204.016 | 12 lbs.         | 5.00 kg  |
| 18"       | 457 mm   | 05.0204.018 | 14 lbs.         | 6.00 kg  |
| 20"       | 508 mm   | 05.0204.020 | 16 lbs.         | 7.00 kg  |
| 22"       | 559 mm   | 05.0204.022 | 17 lbs.         | 8.00 kg  |
| 24"       | 610 mm   | 05.0204.024 | 18 lbs.         | 6.00 kg  |
| 26"       | 660 mm   | 05.0204.026 | 20 lbs.         | 9.00 kg  |
| 28"       | 711 mm   | 05.0204.028 | 22 lbs.         | 10.00 kg |
| 30"       | 762 mm   | 05.0204.030 | 25 lbs.         | 11.00 kg |
| 32"       | 813 mm   | 05.0204.032 | 26 lbs.         | 12.00 kg |
| 34"       | 864 mm   | 05.0204.034 | 27 lbs.         | 12.00 kg |
| 36"       | 914 mm   | 05.0204.036 | 29 lbs.         | 13.00 kg |
| 38"       | 965 mm   | 05.0204.038 | 31 lbs.         | 14.00 kg |
| 40"       | 1,016 mm | 05.0204.040 | 33 lbs.         | 15.00 kg |
| 42"       | 1,067 mm | 05.0204.042 | 36 lbs.         | 16.00 kg |
| 44"       | 1,118 mm | 05.0204.044 | 39 lbs.         | 18.00 kg |
| 46"       | 1,168 mm | 05.0204.046 | 43 lbs.         | 20.00 kg |
| 48"       | 1,219 mm | 05.0204.048 | 90 lbs.         | 41.00 kg |
| 50"       | 1,270 mm | 05.0204.050 | 92 lbs.         | 42.00 kg |
| 52"       | 1,321 mm | 05.0204.052 | 96 lbs.         | 44.00 kg |
| 54"       | 1,372 mm | 05.0204.054 | 100 lbs.        | 45.00 kg |
| 56"       | 1,422 mm | 05.0204.056 | 106 lbs.        | 48.00 kg |
| 58"       | 1,473 mm | 05.0204.058 | 110 lbs.        | 50.00 kg |
| 60"       | 1,524 mm | 05.0204.060 | 115 lbs.        | 52.00 kg |

## Band crawler accessories

| DESCRIPTION                                 | PART NO     | PACKAGED WEIGHT |          |
|---|-------------|-----------------|----------|
| PLASMASPEED retro fit kit 110/230 VAC       | 05.0116.SA1 | 26 lbs.         | 11.70 kg |
| Rack-adjustable torch arm                   | 05.0116.032 | 3 lbs.          | 1.40 kg  |
| Double torch arm                            | 05.0116.039 | 4 lbs.          | 1.80 kg  |
| Right angle drive adapter (for drive cable) | 05.0116.030 | 2 lbs.          | 0.90 kg  |
| Torch angle head adapter                    | 05.0200.003 | 1.20 lbs.       | 0.50 kg  |
| Protective leather cable sleeve             | 05.0550.SLV | 1.50 lbs.       | 0.70 kg  |



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