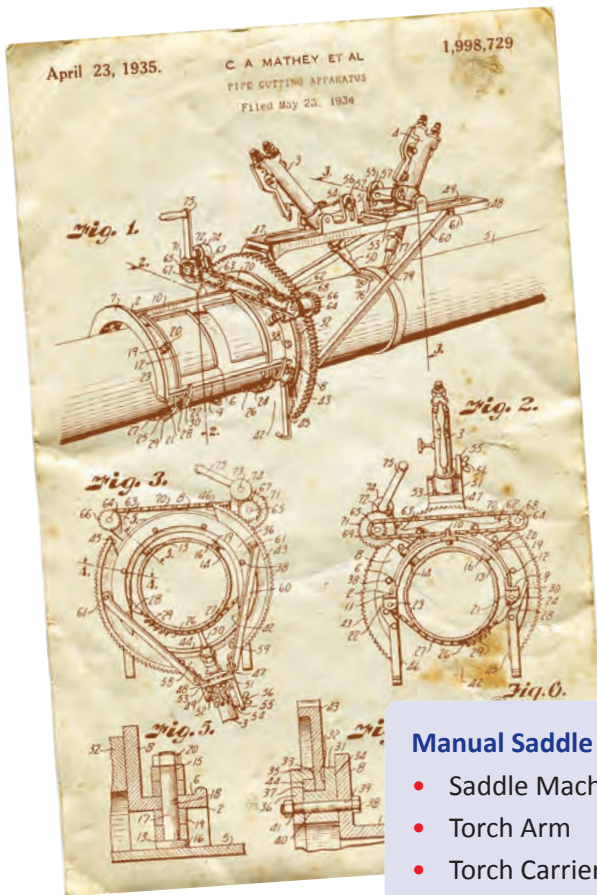


The industry-standard for over 80 years, the Mathey Dearman Saddle Machine is versatile, simple to use, and perfect for almost any pipe cutting and beveling application. Lightweight and durable, Mathey Dearman Saddle Machines are designed for accurate, quality cuts on 1½" - 48" (38 mm - 1,219 mm) pipes.

- 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 has been the leader in pipe cutting since we invented 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



MSA

Pipe Size Range
1.5" - 4" / 38 - 102 mm



1SA

Pipe Size Range
3" - 8" / 76 - 203 mm



2SA

Pipe Size Range
6" - 12" / 152 - 305 mm



3SA

Pipe Size Range
12" - 20" / 305 - 508 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	---	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	---	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)	3 - 8 (76 - 203)	6 - 12 (152 - 305)
Net Weight lbs. / kg	10 / 5	16 / 7	26 / 12
Estimated Shipping Weight lbs. / kg	12 / 5.4	24 / 11	34 / 15.5
Shipping Dimensions in (mm)	12 x 12 x 10 (305 x 305 x 254)	18 x 18 x 11½ (457 x 457 x 492)	23 x 23 x 12½ (584 x 584 x 318)
Max. Speed (Motorized) ipm* / mpm**	141 / 3581	71 / 1803	89 / 2261
Min. Speed (Motorized) ipm* / mpm**	4 / 102	4 / 102	6 / 152
Includes Spacer Bolts to cut pipe sizes	2", 3", 4" (51, 76, 102 mm)	3", 4", 6", 8" (76, 102, 152, 203 mm)	6", 8", 10", 12" (152, 203, 254, 305 mm)

* Inches per minute | ** Millimeters per minute