



**Digital Speed
Control for the
Ultimate in
Motorized
Cutting Precision**





**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



**Upgrade your Mathey Saddle Machine,
Mini-Jolli or Band Crawler...TODAY.**

PlasmaSpeed Saddle Machine

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

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 80 years

Model	Saddle Machine PlasmaSpeed Options
03.0100.S01	Stepper motor driven MSA
03.0100.SA1	Stepper motor retrofit kit, MSA
03.0101.S01	Stepper motor driven 1SA
03.0101.SA1*	Stepper motor retrofit kit, 1SA / 2SA*
03.0102.S01	Stepper motor driven 2SA
03.0103.S01	Stepper motor driven 3SA
03.0103.SA1*	Stepper motor retrofit kit, 3SA / 4SA*
03.0104.S01	Stepper motor driven 4SA
03.0105.S01	Stepper motor driven 5SA
03.0105.SA1*	Stepper motor retrofit kit, 5SA / 6SA / 8SA*
03.0106.S01	Stepper motor driven 6SA
03.0108.S01	Stepper motor driven 8SA



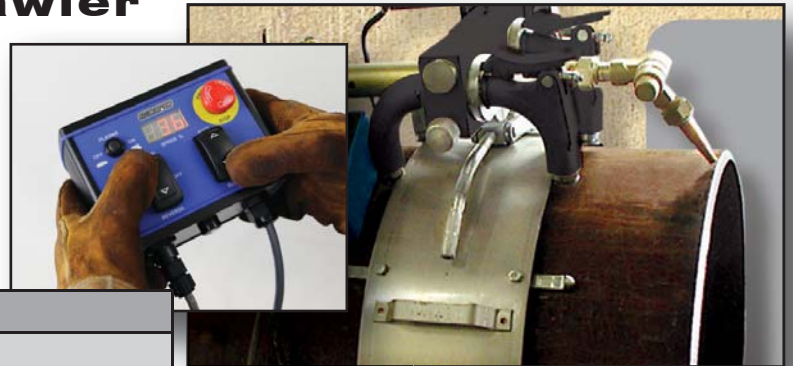
The industry-standard for over 80 years, the Mathey Dearman Saddle Machine is versatile, simple to use, and perfect for almost any pipe cutting and beveling application. Lightweight and durable, Mathey Dearman Saddle Machines are designed for accurate, quality cuts on 1 1/2" – 48" (38 mm – 1219 mm) pipes.

*Must send to Mathey Dearman to fit.

PlasmaSpeed Band Crawler

The ideal solution for cutting and beveling in close quarters, our Band Crawler requires as little as 6" (153 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. It can be quickly set up and operated by one person on pipe as large as 60"

Model	Band Crawler PlasmaSpeed Options
05.0116.S01	Stepper motor driven Band Crawler
05.0116.SA1	Stepper motor retrofit kit, Band Crawler



PlasmaSpeed Mini-Jolli

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.

Model	Mini-Jolli PlasmaSpeed Options
05.0520.S01	Stepper motor driven Mini-Jolli
05.0520.SA1	Stepper motor retrofit kit, Mini-Jolli





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SPECIFICATIONS

Electrical

- Operating Voltage – 110VAC to 240VAC, 50Hz or 60Hz
- Current Capacity – 6A
- Power Connector – 110VAC / 240VAC configurable Plug, with Ground.
- Motor Connector - 6 Pin Cannon Style Plug
- Plasma Connector - 2 Pin Cannon Style Plug
- Motor Protection – Electronic Overload, Short Circuit and Over Temperature
- Incoming Power Protection – Resettable Circuit Breaker



Mechanical

- Operating Temperature - -40°F [-40°C] to 185°F [85°C]
- Enclosure – Extruded and Cast Aluminum

Control

- Speed Display – 3-Digit, LED Display, Sunlight Readable
- Selector Switch – Forward-Off-Reverse, Rough Duty
- Speed Control – Rough Duty
- Emergency Stop – Push to Set / Turn to Release



4344 S. Maybelle Avenue | Tulsa, Oklahoma 74107
P: 918.447.1288 | F: 918.447.0188 | www.mathey.com