

## SADDLE MACHINES

"Just a brief note to say I am very pleased with my Mathey Short Saddle Machine ... It is older than I am and it has had new parts and pieces ... but it still performs very well and makes fast, accurate bevels. I keep it in a storage box when not in use, and always buckle it to a piece of pipe between cuts; so it has yet to be dropped by me!

Most of my pipe work is bulk fuel storage facilities; setting tanks and piping them and the pumping systems. I perform all my work to ASME Code, with a super fit-up for welding in half the time ... hence the importance of these great little bevelers. It is good to find a product that does what it is intended to do, year after year."

Keep up the good work!

Sean M. Tatham  
NORTH COUNTRY WELDING & MACHINE

### Saddle Machine Includes:

- Base Machine.
- Torch Arm.
- Torch Carrier Assembly.
- Spacer Bolts listed for its range.
- Parts and Operating Manual.
- 6SA and 8SA also includes;  
Extension Plate and Spacers.

### Does Not Include:

- Machine Cutting Torch.

1SA Manual Short Saddle  
Cutting and Beveling Machine  
with 12" Cutting Torch.  
(Torch Sold Separately.)



**D**ependable and tough, the Saddle Machine was specifically designed for critical pipe applications that require a high degree of cut quality and accuracy. The lightweight, durable machine has been *known for more than 60 years* as the standard in the industry for its long life, reliability and cutting accuracy. The inexperienced and experienced welder can improve their efficiency, accuracy and cut quality. Models available for pipe sizes 1 1/2"-48" / 38-1219mm.

- **PORTABLE**—The Light Compact Unit is an excellent tool for shop or field applications.
- **ACCURATE**—The Spacer Bolts, located on either side of Saddle, give the machine the accuracy required when cut quality and accuracy is critical.

- **EASY SET-UP**—Requires little or no operator skill or training to set up and achieve the accuracy of cutting required for quality fit-up.
- **PROVEN**—The Saddle, Ring Gear and Cap Ring are made of aluminum that is *hard anodized* to hold its accuracy and last longer.
- **ADAPTABLE**—Can be used with Oxy/fuel or Plasma Torch.
- **BUILT TO WITHSTAND** the construction and field environment.
- **80% FASTER** than hand cutting and grinding.

### SADDLE MACHINES



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



**1SA**  
Pipe Size Range  
3"-8" / 76mm-203mm



**2SA**  
Pipe Size Range  
6"-12" / 152mm-305mm



**3SA**  
Pipe Size Range  
12"-20" / 305mm-508mm



**4SA**  
Pipe Size Range  
20"-26" / 508mm-660mm



**5SA**  
Pipe Size Range  
24"-30" / 610mm-762mm



**6SA**  
Pipe Size Range  
28"-36" / 711mm-914mm



**8SA**  
Pipe Size Range  
40"-48" / 1016mm-1219mm

#### Saddle Machine Quick Selection Chart

Machine Model	MSA	1SA	2SA	3SA	4SA	5SA	6SA	8SA	
Manual with Spacer Belts	03-0100-000	03-0101-000	03-0102-000	03-0103-000	03-0104-000	03-0105-000	03-0106-000	03-0108-000	
Motorized with Spacer Belts	03-0100-M00	03-0101-M00	03-0102-M00	03-0103-M00	03-0104-M00	03-0105-M00	03-0106-M00	03-0108-M00	
Manual with Stop Spacers	-----	03-0151-000	03-0152-000	----	----	----	----	----	
Motorized with Stop Spacers	-----	03-0151-M00	03-0152-M00	----	----	----	----	----	
Pipe Size	in / mm	1.5-4 / 38-102	3-8 / 76-203	6-12 / 152-305	12-20 / 305-508	20-26 / 508-660	24-30 / 610-762	28-36 / 711-914	40-48 / 1016-1219
Net Weight	lbs. / kg	10 / 5	16 / 7	26 / 12	50 / 22	75 / 34	110 / 50	180 / 82	287 / 130
Estimated Shipping Weight	lbs. / kg	12 / 5.4	24 / 11	34 / 15.5	73 / 33	150 / 68	185 / 84	295 / 134	415 / 188
Shipping Dimensions	in / mm	12 x 12 x 10 / 305 x 305 x 254	18 x 18 x 11 1/2 / 457 x 457 x 492	23 x 23 x 12 1/2 / 584 x 584 x 318	34 x 32 x 12 / 864 x 813 x 305	40 1/2 x 41 x 19 / 1029 x 1041 x 423	40 1/2 x 41 x 19 / 1029 x 1041 x 423	57 x 43 x 18 / 1488 x 1002 x 483	69 x 60 x 21 / 1753 x 1524 x 533
Max Speed (Motorized)	ipm* / mm**	141 / 3581	71 / 1803	89 / 2261	47 / 1194	53 / 1346	34 / 864	35 / 889	36 / 914
Min. Speed (Motorized)	ipm* / mm**	4 / 102	4 / 102	6 / 152	7 / 178	7 / 178	8 / 203	5 / 127	5 / 127
Includes Spacers to cut pipe sizes***		2", 3", 4" / 51, 76, 102mm	3", 4", 6", 8" / 76, 102, 152, 203mm	6", 8", 10", 12" / 152, 203, 254, 305mm	12", 14", 16", 18", 20" / 305, 356, 406, 457, 508mm	20", 22", 24", 26" / 508, 559, 610, 660mm	24", 26", 28", 30" / 610, 660, 711, 762mm	28", 30", 36" / 711, 762, 914mm	40", 42", 48" / 1016, 1067, 1219mm

\* inches per minute  
\*\* Millimeters per minute

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