



MANUFACTURING SOLUTIONS, INC.

ChamferMate® Pipe Beveling Machines

Production machines for up to 8" diameter pipe

Benefits include:

*No more
hand-grinding
or torching
of weld bevels*

*Many times faster
than portable units*

*Cycle normally in the
5-20 second range*

*Safer than hand-
grinding*

*Accurately machines
weld bevel and faces
pipe square*

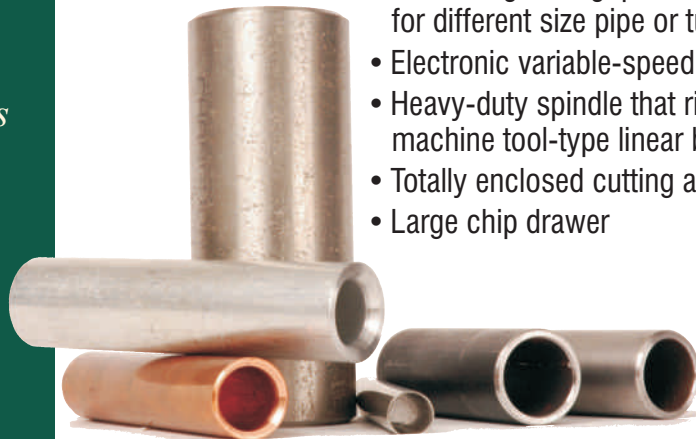
*Sturdy construction
and quality materials
for years of
dependable service*

Low operating cost



FEATURES INCLUDE:

- Machines available for 1/2" up to 8" pipe or tubing
- Adjustable cutter head quickly set with gauges
- Uses standard off-the-shelf carbide inserts. Tooling available for custom angles and J-bevels
- Interchangeable grips for different size pipe or tubing
- Electronic variable-speed drive
- Heavy-duty spindle that rides on machine tool-type linear ball rails
- Totally enclosed cutting area
- Large chip drawer



MSi

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TEL 81 8354 8910
www.acatmexicana.com



ChamferMate[®] Machine Specifications

All of MSI's machines can be customized to meet your individual production needs.

MODEL	C3A	C5A	C5H	C8H
Diameter Range	1/2" to 3" OD	1/2" to 5" OD	1/2" to 5" OD	1" to 8-5/8" OD
Pipe Sizes	1/2" to 2-1/2"	1/2" to 4"	1/2" to 4"	1" to 8"
Typical Wall Thickness <i>Varies with diameter, material, and profile. Consult factory for your specific application.</i>	1" Pipe-SCH XXH 2" Pipe-SCH 160 2-1/2" Pipe-SCH 80	2" Pipe-SCH 160 3" Pipe-SCH 80 4" Pipe-SCH 80	2" Pipe-SCH XXH 3" Pipe-SCH 160 4" Pipe-SCH 120	4" Pipe-SCH 160 6" Pipe-SCH 120 8" Pipe-SCH 80
Horsepower (Std)	3 HP	5 HP	7-1/2 HP	20 HP
Voltage/Amp ⁽¹⁾	220-3-60 / 20A 440-3-60 / 10A	220-3-60 / 30A 440-3-60 / 15A	220-3-60 / 40A 440-3-60 / 20A	220-3-60 / 80A 440-3-60 / 40A
Standard RPM Range <i>Consult factory for your specific RPM application.</i>	500-2000	400-800	250-650	150-600
Pneumatic Requirement	4 CFM @ 90 PSI	4 CFM @ 90 PSI	1 CFM @ 90 PSI ⁽³⁾	1 CFM @ 90 PSI
Clamping	Pneumatic	Pneumatic	Hydraulic	Hydraulic
Spindle Feed	Air over Oil	Air over Oil	Hydraulic	Hydraulic
Feed Rate	Adjustable	Adjustable	Adjustable	Adjustable
Spindle Stroke	3"	3"	3"	6"
Coolant	Optional	Optional	Standard	Standard
Pipe Stop (Sliding Stop)	Optional	Optional	Optional	Standard
Type of Head (Std)	Single Tool OD Only	Single Tool OD Only	Single Tool OD Only	Three Tool ID, OD, Face
Optional Head ⁽²⁾	Three Tool ID, OD, Face	Three Tool ID, OD, Face	Three Tool, ID, OD, Face	
Physical Size	27"W x 35"D x 45"H	27"W x 35"D x 46"H	30"W x 36"D x 52"H	37"W x 51"D x 68"H
Appx Weight Lbs	1,000 lbs	1,250 lbs	1,600 lbs	3,500 lbs



NOTES

- (1) Other voltages and frequencies available for additional cost.
- (2) Custom heads and tool holders for special angles, J-Bevels, OD Hollow Milling, ID boring, Center Drilling, etc., are available.
- (3) Only required if equipped with Pipe Stop.