



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

*Visit our Website
for more information
and video of the
machine in operation.*



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



MANUFACTURING SOLUTIONS, INC.

9485 College Street, Beaumont, Texas 77707
409-842-4404 | 800-831-1130 | fax: 409-842-9445
online at www.msi-tx.com | email: info@msi-tx.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"
Appx Wall Thickness (1)	3/8"	3/8"	5/8"	3/4"
Horsepower (Std)	3 HP	5 HP	7-1/2 HP	20 HP
Voltage/Amp (2)	220-3-60 / 9.6A 440-3-60 / 4.8A	220-3-60 / 15.2A 440-3-60 / 7.6A	220-3-60 / 22A 440-3-60 / 11A	440-3-60 / 27A 220-3-60 / 54 A
RPM Range (3)	500-2000	500-1000	500-1000	150-600
Pneumatic Requirement	4 CFM @ 90 PSI	4 CFM @ 90 PSI	1 CFM @ 90 PSI (5)	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 (4)	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) Varies with type of material and angle or form being produced.
 (2) Other voltages and frequencies available for additional cost.
 (3) Other RPM ranges available.

- (4) Custom heads and tool holders for special angles, J-Bevels, OD Hollow Milling, ID boring, Center Drilling, etc., are available.
 (5) Only required if equipped with Pipe Stop.

