

Hello,

We are very pleased to present the following machine for your review and approval:

2005 Mori Seiki MT3500S

8-Axis CNC Turning Center

Bar Capacity: 4"
Chuck Size: 12"
Spindle Speed: 3,000 RPM
Spindle Motor: 40 HP
Spindle Nose: A2-8
Sub Spindle Bar Capacity: 4"
Sub Spindle Chuck Size: 12"
Sub Spindle Motor: 20HP
Sub Spindle Nose: A2-8
Milling Spindle Speed: 8,000RPM
Sub Spindle Speed: 4,000RPM
B Axis Travel: 180°
X Axis Travel: 25"
Z Axis Travel: 125"
Rapid Rate Z Axis: 1,181 IPM
Turret Tools: 120 Station
Rapid Rate X Axis: 944 IPM
Max Turning Dia: 22"
Max Turning Length: 125"
Max Swing: 32"
Dimensions: 348" x 133" x 129"
Weight: 72,000 LBS

-EQUIPPED WITH-

MSX-501 CNC Control
Chip Conveyor
Live Tooling
Sub Spindle
Y Axis
5 Axis
12" Programmable Turn Through Steady Rest
Cool Jet High Pressure Coolant System (1000 PSI)
Auto Door
Thru-Spindle Coolant



PRICE.....\$99,500

Best Regards,

Mike Heim - Sales Manager



Two Spade Machinery LLC
Mobile: (207) 300-3649
Email: mike@2spade.com



THE ULTIMATE CHUCK™
By SMW Systems, Inc. (800) 423-4651

Recommended Operation, Lubrication & Maintenance For
Models UC2 & UC2B Chucks

1. Read the Installation, Operation and Maintenance Manual.
2. Do not exceed RPM rating marked on the chuck or safe speed for the top jaw configuration or for the application, whichever is less. The maximum rated speed is only valid for maximum drawbar pull using the standard hard jaws model GUA designed for the chuck. For all other conditions speed must be reduced. Failure to do so may have catastrophic consequences. (See manual)
3. Do not use top jaws of excessive weight, height, or extended beyond the outside diameter of the chuck. See Manual for more specific guidelines.
4. Insure top jaw mounting bolts are grade 12.9, in new condition and the proper length for a minimum thread engagement of two times the thread diameter.
5. Inside end of base jaw must never be extended outward beyond the witness line or "SAFE" zone marked on face of chuck. (See manual)
6. Set jaw adjustment to grip the part as close to the start of the jaw stroke as possible, especially when chucking irregular castings, forgings, etc. As you chuck each part, observe that adequate jaw stroke remains to grip the part.
7. Use only SMW Systems' KOS grease. Grease chuck every 24 hours of operation; two shots of KOS per grease fitting with the chuck in the full "open-jaws out" position.
8. At the start of each shift and after every 50 clamping cycles, actuate the chuck full stroke 5-10 times without gripping a workpiece to internally redistribute grease throughout the chuck.
9. Clean jaw guideways when changing jaws, or at least once per shift if no jaw change is required, and lightly coat sliding jaw surfaces with KOS.
10. Do not exceed the maximum allowable drawbar pull.
11. Test chuck and record grip force at least once per month. If baseline grip force decreases more than 15%, the chuck should be disassembled, cleaned, and all internal parts coated with a film of KOS.
12. **Never** remove your hand from the jaw changing wrench - it could fly out if the chuck is rotated. **Never** actuate the chuck with the wrench inserted - severe internal chuck damage will occur.

The Design Division

ULTIMATE CNC CHUCK AND LATHE CYLINDER SPECIFICATIONS FOR THIS INSTALLATION

Chuck Model _____	Cylinder Model _____
Max. Chuck gross stroke = _____	Max. Cylinder gross stroke = _____
Max. Chuck jaw stroke = _____	Jaw stroke with the Cylinder _____ (If jaw stroke is less than minimum, use half pitch base jaw's required for hard jaw applications.)
	Max. allowable Cylinder pressure = _____ psi
	Max. Cylinder pull = _____ lbs. at max. pressure
	Max. available machine pressure = _____ psi
Max. Chuck drawbar pull = _____	Cylinder pull at max. machine pressure = _____ lbs.
If cylinder pull at maximum machine pressure exceeds maximum chuck drawbar pull:	
Chuck cylinder pressure to _____ psi or drawbar to chuck will occur	
If cylinder pull at maximum machine pressure is less than maximum chuck drawbar pull:	
With the cylinder at the maximum available machine pressure, the chuck develops _____ % of its maximum possible grip force	

SMW Systems, Inc. (800) 423-4651

2700 00-000 0/07/2000