

Mazak

M5N Turning Lathe

Serial Number: 127320

MTSS
Machine Technical Service Support
The Machine Shop Solution
MTSS Will Get There Quick!

Mazak

Machine Number Assigned: T-1

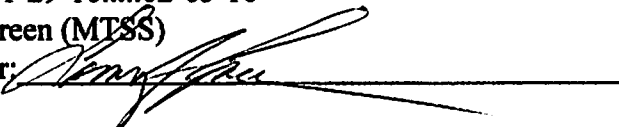
Model: M5N

Serial Number: 127320

Franklin Equipment Asset Number:

Date of Inspection: 01-29-10.....02-05-10

Inspector: Larry R. Green (MTSS)

Signature of Inspector: 

Machine Inspection is Completed

Machine Features and Options:

Mazak T-Plus Mazatrol Cam Conversational Control

Chip Conveyor

Front and Rear Turrets

B 15 (15" inches) Kitagawa Chuck

Tail Stock Assembly

Amber CRT Screen (Certain Options Not Available with This Screen)

Manuals:

Mechanical Parts List

Electrical Wiring Manual

Electrical Ladder Diagram Manual

Operators, Alarm & Parameter Manual

Maintenance Manual

Conditions at Power Up:

1. Machine Power Up without any Parameter Lost
2. The Rear Turret will index but there are issues with the Encoder for turret position. Should be replaced.

3. The Front Turret will no index. Found that the Clamping Plunger was stuck. Removed the components for the clamping plunger and cleaned and lubricated them. Re-installed all components. The Front Turret Index will index, but there is a issue with the Encoder for the front turret. The encoder should be replaced.
4. The Tail Stock extend and retracts properly.
5. Operated the Chuck open and Close. Works good. The solenoid valves were cleaned and service in order for the chuck to work properly.
6. The Spindle Runs good Forward and Reverse Directions. The Gear shifter solenoids were cleaned and service in order for the Spindle Gear to shift.
7. Both X and Z Axis work good in Manual, Homing and MDI Modes of operations.
8. The Chip Conveyor works good.
9. The Coolant system works on Front and Rear Turret.
10. All Control Function are working Correctly.
11. All electrical components in the Electrical Cabinet are in good working condition.

Parts That Should Be Order To Make The Machine 100% functional

1. Front Turret Encoder Part Number R51ZZ001160 Mazak Parts Price \$1,138.01
 2. Rear Turret Encoder Part Number R51ZZ001160 Mazak Parts Price \$1,138.01
- Mazak Parts Phone Number 1-888-462-9251

Machine overall condition is Rated as Listed below:

Good
~~Fair~~ to Excellent Condition.