

Equipment Machine Service Inspection Report

PLEASE FILL OUT THIS FORM IN DETAIL

PLEASE TURN OFF MACHINE AND RESTART BEFORE INSPECTION SO THAT ANY ALARMS THAT ARE PRESENT WHEN POWERED UP WILL BE DETECTED

Inspector: Luis Favila

Make: Doosan **Model:** MV8035

Control Model: Doosan Fanuc i-Series **Serial number:** AV900047

Model Year: 2007/12

Please record below the hours on the machine:

Control:

Weight and DIM: 10500 KG 21ft x 11ft-2'' x 10 ft Tall

Power on 4218592

Auto Operation: 20816

Auto cut: 32336 **Spindle Run:** 123326

Condition of the Control Panel? Buttons, Keys, monitor, etc.

The control panel appears to be in fair condition. There is damage to the spindle load dial protector, but all other buttons are legible, just need to be cleaned

- Covers:

Condition of all working covers inside the machine? Good condition, moves without noise or issues

Are the covers working properly, and are there no damages on them? Looks to be in good working condition.

Condition of the way wipers? Regular wear but are working fine.

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- **Spindle:**

Check inside spindle for any cracks, scoring, or damage to the taper that should be noted:

Taper looks to be in good condition.

- **Axis Repeatability:**

Please check and record findings for all applicable axis:

X axis: .0005

Z axis: .0002

- **Backlash:**

X axis: .00002

Z axis: .0005

Axis Noise, please report any bearing, ballscrew, or guide noise

- **Compensation findings:**

X: 0

Z: 0

- **Chuck:**

Please note any issues with the chuck open/close or damage:

N/A

- **Tailstock:**

Please check the tailstock to ensure it is in good working order. Please test body and quill:

N/A

- Chip Conveyor:

Please run the conveyor forward and reverse to ensure it is working properly. Note any concerns: Works fine

- Coolant:

Please check all pumps to ensure they are working, and run coolant to check for leaks and any issues.

Works fine

- Tooleye / Presetter:

Please check the arm and sensors to make sure they are working properly. Note any problems.

Tool eye is there, and Presetter is there and in good condition

- Electrical Cabinet:

Please check for cleanliness, fan operation, etc., and note findings.

In good condition with no damage, well organized

- Hydraulics:

Please make sure the hydraulic system is working properly.

Yes, the hydraulic system did pressure up with no abnormal noises

- Lube Systems:

Please make sure all ways and any applicable areas are being lubricated properly

Yes, lube was flowing

- Miscellaneous items:

Please check the following items if applicable: Part catcher, barfeeder, and accessories or attachments the machine may have not listed above and note below:

4th axis has a 21'' face plate with 10'' ID bore, works well, no issue seen during rotation

IMPORTANT: THIS MUST BE FILLED OUT FOR THE REPORT TO BE COMPLETE, ALONG WITH AN OVERALL PICTURE OF MACHINE AND A FEW INSIDE SHOTS:

Please note below your overall opinion of the condition of the machine and any concerns that you feel need to be addressed:

Note: The machine is in good condition, just needs to be cleaned thoroughly