

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:** PUMA 400C

Control Model: Fanuc Series 21i-TB **Serial number:** PM352871

Model Year: 2007/03

Please record below the hours on the machine:

Control:

Weight and DIM: 10500 KG 17 x 6ft x 7 ft Tall

Power on 3267343

Auto Operation: 8200KG

Auto cut: 43416 **Spindle Run:** 82059

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

The control panel appears to be in good condition with no damage to the screen, keys, and buttons are legible.

- Covers:

Condition of all working covers inside the machine? Good condition, light surface rust at the end of the Z axis cover

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:

N/A

- **Axis Repeatability:**

Please check and record findings for all applicable axis:

X axis: .001

Z axis: .001

- **Backlash:**

X axis: .0015

Z axis: .0012

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

- **Compensation findings:**

X: 12

Z: 12

- **Chuck:**

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

SCHUNK 15'' chuck, works well, actuates open and close smoothly

- **Tailstock:**

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

Tailstock works well, actuates in and out well, no noise when hydraulics engage

- **Chip Conveyor:** works fine

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

- **Coolant:**

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

Works fine, the tank will need to be cleaned well before adding new coolant

- **Tooleye / Presetter:**

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

Presetter arms is there, but does not get used

- **Electrical Cabinet:**

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

In good condition with no damage, just needs dusting.

- **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 not have listed above, and note below:

N/A

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 does look like it is in good working order, I recommend a proper PM and cleaning