

## Equipment Machine Service Inspection Report

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### **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 700

**Control Model:** Fanuc Series 21i-TB    **Serial number:** PM600270

**Model Year:** 2005/09

**Please record below the hours on the machine:**

**Control:**

**Weight and DIM:** 10500 KG 21ft-8'' x 8ft x 7 ft Tall

**Power on** 2069549

**Auto Operation:** 16100KG

**Auto cut:** 57048 **Spindle Run:** 121611

**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, really good for its age

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**- Covers:**

**Condition of all working covers inside the machine?** Good condition, light surface rust

**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:** .0005

**Z axis:** .001

- **Backlash:**

**X axis:** .0015

**Z axis:** .000

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

- **Compensation findings:**

X: 10

Z: 12

- **Chuck:**

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

ROTA NC 500-166.5 19'' 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 good, 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 to be in good working order, just needs a good cleaning