

ROBOCUT

Preventive maintenance



Preventive maintenance of your ROBOCUT maximises uptime and reduces your down time to a minimum. Below you will find a detailed overview of what FANUC means by preventive maintenance. Maintenance is carried out strictly in accordance with the current DIN EN ISO 9001 standard and is concluded with an inspection report.

Maintenance intervals are adapted to the customer-specific, operational requirements after consultation (approx. every 2,000 operating hours or 1x per year).

MACHINE (GENERAL)

- Complete lubrication of all axes
- Checking the operation of safety equipment
- Readjust collision protection of all axes
- And more ...

AUTOMATIC WIRE FEEDER

- Cleaning and adjusting the AWF mechanism
- Check brake roller
- Adjusting the tensile stress sensor
- Measure wire tension (adjust if necessary)
- And more ...

CNC CONTROL

- Backup
- Battery
- Condition check
- Fan check
- And more ...

WORK BASIN

- Check the door seal of the working basin
- Clean sealing plate, check for damage
- Check and clean float switch / water level sensor
- And more...



CNC SYSTEMS



ROBOTS



ROBODRILL



ROBOSHOT



ROBOCUT

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ROBOCUT

Preventive maintenance

GENERAL

- General function test & Check for abnormal noise or vibration
- Complete lubrication of all axes
- Readjust collision protection of all axes
- Check fan for function (generator, CNC, axis amplifier and pumps)
- Checking the operation of safety equipment (Emergency stop button, limit switch, etc.)
- Clean coarse sieves
- Clean conductivity sensor
- Checking and correcting levelling
- Visual inspection motors, connectors and motor cables
- Check control input and output voltage transformer
- Cleaning and adjusting the AWF mechanism
- Check brake roller
- Adjusting the tensile stress sensor
- Measure wire tension
- Complete cleaning - upper and lower guide head
- Clean and check the deflection roller
- Check the door seal of the working basin
- Clean sealing plate, check for damage and seal with silicone spray
- Check arm seal
- Check springs & thrust bearing
- Check earth cable
- Check and clean float switch/water level sensor
- Clean, check and adjust the wire take-off unit (feed & pressure roller)
- Cleaning and adjusting the wire guide
- Filter mat Clean cooler
- Replace filter mat CNC
- Replace CNC battery
- Replacing pulse decoder batteries
- Complete Data backup (programs and parameters) incl. S-RAM
- Software update
- Function check Touch screen
- Touch screen calibration
- iPendant check

PARTS INCLUDED

- Pulsecoder batteries
- CNC battery
- Grease
- several Bearings, Seals, Air filter and Electrodes

REPORT

- (Annual) status report/PM report
- Final discussion/consultation

Service First

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