

Automation has a name.

FANUC

ROBOCUT PREVENTIVE MAINTENANCE



Preventive maintenance keeps your ROBOCUT performing at its best maximising uptime and reliability. All maintenance is carried out within an ISO 9001-certified quality management system and is completed with a detailed preventive maintenance 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
- Check the operation of safety equipment
- Readjust collision protection of all axes
- And more ...

CNC CONTROL

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

AUTOMATIC WIRE FEEDER

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



If CCR is installed, we suggest to perform CCR-Preventive Maintenance at the same time*

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CNC SYSTEMS



ROBOTS



ROBODRILL



ROBOSHOT



ROBOCUT

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ROBOCUT PREVENTIVE MAINTENANCE

CONTENT

- General function and 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)
- Check the operation of safety equipment (Emergency stop button, limit switch, etc.)
- Clean conductivity sensor
- Check and correct levelling
- Visual inspection of motors, connectors and motor cables
- Check input and output voltage of the transformer
- Clean and adjust the AWF mechanism
- Check brake roller
- Adjust the tensile stress sensor
- Measure wire tension
- Complete clean - upper and lower guide head
- Clean and check the deflection roller
- Check door seal of the working basin
- Check arm seal
- Check springs and thrust bearing
- Check earth cable
- Check and clean float switch/water level sensor
- Clean, check and adjust the wire take-off unit (feed and pressure roller)
- Clean and adjust the wire guide
- Filter mat clean cooler
- Check cooler and function
- Replace filter mat CNC
- Replace CNC battery
- Replace pulse decoder batteries
- Complete Data backup (programs and parameters) incl. S-RAM
- Function check Touch screen
- Touch screen calibration
- Check *i*Pendant
- (Annual) status report/PM report
- Final discussion/consultation

Spare Parts

- Pulsecoder batteries
- CNC battery
- Grease
- Several bearings, seals, air filter and electrodes

OPTIONAL

- Clean coarse sieves
- Clean sealing plate, check for damage and seal with silicone spray
- Test cut



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More value with FANUC Plans.

This offering is also available as part of FANUC Plans: essential service coverage and premium features to support your ROBOCUT machine.

Let's get you covered — find the Plan that suits you.



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