Roland DWX-53DC

MILLING MACHINE (DRY, 5-AXIS) MAINTENANCE SCHEDULE

The DWX-53DC is a 5-axis dry mill with a six-disc automatic changer. Clean the milling and tool areas after milling, and keep the barcode sensor clear so adapter IDs read correctly.

DAILY

- After milling, run Milling Area Cleaning in VPanel with the dust collector on and brush the clamp, spindle tip and collet area.
- Wipe the camera cover and the disc changer's barcode sensor with the included cloth, and clear the adapter stocker.
- Clean the tool area: milling bur stocker, dummy pin stocker and around the milling bur sensor.

WEEKLY

- Clean milling burs and adapters so tools and adapter IDs are detected reliably.
- Inspect burs for wear or chipping; Intelligent Tool Control in VPanel tracks tool life.
- Empty the dust collector and check its filter.

MONTHLY

- Perform collet maintenance once a month, or after every 200 hours of spindle working time.
- Check the air regulator bowl and clean it if water or dust has collected.
- Check VPanel for software and firmware updates.

AS NEEDED

- Run spindle run-in (warm-up) after long idle periods or before milling on cold days.
- Run automatic correction after moving the machine or if the milling position is off.
- If adapter IDs can't be read, clean the milling area and the adapters.



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