Amann Girrbach Motion DRS ("Matron")

MILLING/GRINDING MACHINE | MAINTENANCE SCHEDULE

Amann Girrbach 5-axis units use a precision spindle (concentricity under 1 micron) that is highly sensitive to dust and debris. The manufacturer specifies the machine must be cleaned at the end of every working day without exception.

DAILY

- Clean the machine thoroughly at the end of every working day — Amann Girrbach treats this as mandatory, not optional.
- Activate the dust extraction system during and after milling sessions; zirconia dust is abrasive and damaging to moving parts.
- Activate spindle sealing air after each job to keep dust out of the spindle housing.
- Wipe down the milling chamber and door glass to remove dust and debris.

WEEKLY

- Inspect the spindle and chuck area for dust accumulation and clean per the manufacturer's procedure.
- Check tool holders and clamping mechanisms for wear or buildup.
- Verify the extraction system filter is not clogged or reducing suction.

MONTHLY

- Perform a full spindle and chuck cleaning per the recommended maintenance interval and clear the maintenance reminder once complete.
- Inspect for software/firmware updates and material library updates.
- Check axis movement for smoothness across the full working range.

AS NEEDED

- Replace maintenance set components (Amann Girrbach offers a dedicated Motion maintenance kit) when wear indicators are flagged.
- Contact an Amann Girrbach-certified technician for encoder, axis, or error-code issues rather than attempting DIY resets, since service-level errors can lock out further milling until cleared correctly.
- Schedule a technician recertification/service visit per your protection plan terms.

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