Reliability and accuracy are what count

CONDITION ANALYSIS

The GROB condition analysis shows you what needs to be done to restore trouble-free production once again. Whether after a machine crash, in case of tolerance deviations, or to define the extent of a potential overhaul – one of the analysis packages or a condition analysis tailored to your needs will identify the causes and suggest suitable remedies. To meet every demand, machines are inspected for functionality, quality, precision, and output.

- Knowledge of the machine's condition and fault causes
- Sound basis for decisions on modification measures, machine overhauls and modernizations
- Reliable planning of the machine's future output
- Risk minimization if older machines continue to be used

WOULD YOU LIKE TO KNOW WHAT'S GOING ON WITH YOUR MACHINE?

With you, we check your GROB machine thoroughly to find the best solution for possible overhauls, correction or modification measures.

GROB-WERKE GmbH & Co. KG • Industriestraße 4 • 87719 Mindelheim • Germany
Telefon: +49 (8261) 996-6000 • E-Mail: sales.service@grob.de

www.grobgroup.com

THE FLEXIBLE GROB CONDITION ANALYSIS: ALL PACKAGES AT A GLANCE

Ahead of any condition analysis, we meet with you to hold an in-depth discussion to precisely understand your needs and identify an inspection scope to suit you. All results are professionally prepared and documented. We then evaluate the results and derive the necessary measures, including possible part recommendations.

ANALYSIS PACKAGES NEW!	*Protection of output and spindle*	*Protection of production quality by means of geometry testing*	*Full service package to prevent loss of production*
	TOOL CHANGE CHECK, 6 h*	**GEO CHECK, 7 h***	**ALL-ROUND CHECK, 16 h***
Gathering machine-related data	•	•	•
Motorized spindle geometry	•	•	•
Renishaw ballbar measurement	—	•	•
Assessment according to tool change check report	•	—	—
Assessment according to all-round check report	—	—	•
Discussion of results and steps to take	•	•	•

* Depending on the machine type

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CONDITION ANALYSIS

WHY YOU SHOULD CONDUCT THE CONDITION ANALYSIS TOGETHER WITH US!

Provision of expensive special tools and measuring equipment
Examples: Special equipment for measuring the tilting tolerance and circumferential backlash of the tool change gripper.

Reduction of inspection times by our specialists
We all know that time is money. So we make every movement count.

Reduction of inspection times by our specialists
We all know that time is money. So we make every movement count.

Safety thanks to comprehensive experience
Benefit from manufacturer know-how.

ANALYSIS OF MECHANICAL AND ELECTRICAL SYSTEMS COMBINED

TOOL CHANGE CHECK, 6h | **GEO CHECK, 7h** | **ALL-ROUND CHECK, 16h**

+

OPTIMIZATION ANALYSIS

- Analysis of **software**, **hardware**, and **non-machining time**
- Alarm analysis (alarm log, crash log, history of the GSD)
- Check for upgrade possibilities (software, cycles, energy savings)
- Use of energy-saving and powerful components
- Non-machining time analysis including creation of G-Trace

➔ IMPROVEMENT OF SYSTEM AVAILABILITY, PART OUTPUT, AND IT SECURITY!

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