

The digitization of mass finishing operations

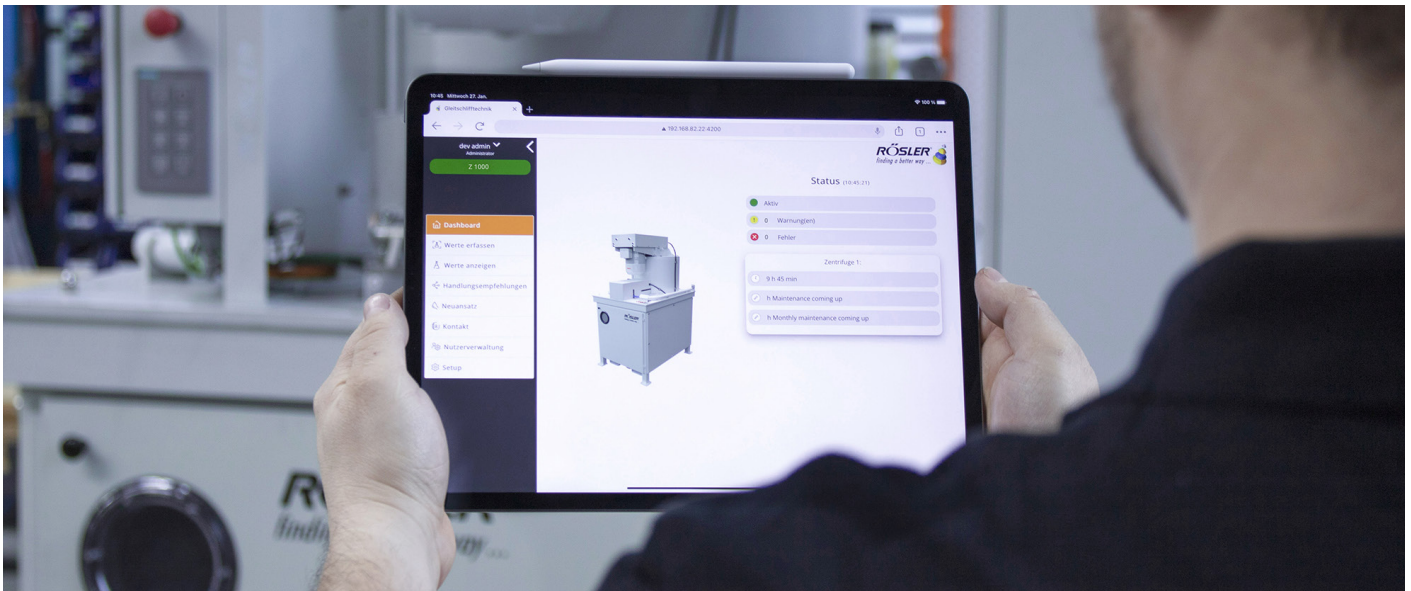
Rösler Smart Solutions



A digital added value for coping with your operational challenges

It is high time to promote the **digital transformation** and to implement innovative digital solutions in the field of mass finishing! Within our brand **Rösler Smart Solutions** we have developed a comprehensive digital software package. This will allow you to substantially improve the handling

of processes and their parameters and uncover the **potential for substantial cost savings**. Our software solution **creates significant optimization possibilities** and helps to **reduce the operational costs**.



Higher transparency of your processes and operational costs



Monitoring of all critical process parameters and data logging



Quick response in case of deviations and equipment faults



“Intelligent” equipment operation with uptime projection



Optimized resource utilization and cost reduction

Our digital solution in the field of **mass finishing** centers around the **process water cleaning and recycling with centrifuges**. A dashboard displays all relevant equipment and process data. In case of identified operational problems, the dashboard recommends **corrective actions that can be implemented**

immediately. But this is only the beginning! Additional digital solutions are currently under development, which will provide a substantial added value for your mass finishing operation.

The possibilities of our smart solution:

- ▶ Monitoring of the process water parameters
- ▶ Recommendation of specific actions in case of deviation of actual values from target values
- ▶ To date manual measurements of the process water parameters are required

Your benefits:

- ▶ Optimal planning and control of the process water cleaning and recycling operation
- ▶ Increased process stability
- ▶ Consistently high finishing quality for the work pieces
- ▶ The discontinuation of external process water analyses saves costs
- ▶ No need for service calls by Rösler service engineers at your facilities
- ▶ No need for unplanned, unwanted process water exchanges by quick correction of parameter deviations
- ▶ No need for costly downtimes because of unplanned process water exchanges
- ▶ Requires no comprehensive knowledge about process water cleaning and recycling
- ▶ **Amortization in 12 to 24 months**

Monitoring of the process water parameters

Our test kits allow the easy and quick measurement of all critical process water parameters, which can be stored in our **Rösler Smart Solutions** software for in-depth analysis. The parameters include **pH-value, compound concentration in**

the process water (titration / refractometric measurement), conductivity, microbiological contamination, chloride content and water hardness.

We offer **two test kits**, each utilizing a different system for measuring the compound concentration.



Test kit RSS refractometric measurement



Test kit RSS titration measurement

For **detailed information** and **a comprehensive consultation** please get in touch with your **direct contact** at Rösler or send an E-mail to info@rosler.com.