ANALYSIS AND OPTIMIZATION

The Bihler Analysis Tool permits detailed data and fault analyses and identifies valuable potential for optimization. At the same time, offline programming and training ensure greater machine uptimes.

The idea behind this modern, forward-looking software solution? To optimize your production and thus make major cost savings. "Thanks to the Bihler Analysis Tool, all users can analyze their Bihler machine-based manufacturing activities quickly and easily," explains Bastian Hartmann. "The application shows in detail where there is scope for optimization and helps to boost machine availability." One initial highlight: thanks to its plug & play concept, the

digital tool is ready for operation immediately. And the two modules of the Bihler Analysis Tool for the corresponding production analyses and VC 1 offline programming and training are designed to be just as simple.

Generating trend statistics The analytical module allows data to be explicitly filtered from the machines and specifically prepared. It also permits the generation of trend statistics with precise chronological error sequences. It indicates the most frequent faults together with the dates and times of occurrence and the lengths of the corresponding production downtimes. The period considered for analysis can be limited as required. In this way, the scope and importance of any faults becomes immediately apparent and targeted optimization measures can be introduced. The precious added extra provided by the initial evaluation of the analysis data: The experts at Bihler's consulting department

To optimize your own production, the Bihler Analysis Tool offers detailed options for in-depth data and error analyses and their processing.

assess the initial results of the fault analysis and provide specific recommendations for actions that can be taken to optimize the production processes. This additional service is included in the analysis module subscription. If required, the Bihler consulting team will then support users during the implementation of optimization measures with an optimization package that is available separately.

Programming offline   The offline VC 1 module can be used to program new tools, configure existing tools or perform other preparatory work offline at an office computer without having to interrupt system operation. This increases machine availability and also boosts cost efficiency. The same applies to training at the VC 1. This simply takes place offline at a desktop computer during ongoing production. What is more, using this module it is also possible to test the most recent VC 1 version offline before going

live. To use the Bihler Analysis Tool, it is necessary to have version 2 or higher of the VC 1 control software, an OPC UA server and a desktop computer, laptop or tablet running under Windows 8.1 or higher. ●

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