Flyer Downtime Analysis en 12/21 Z&B

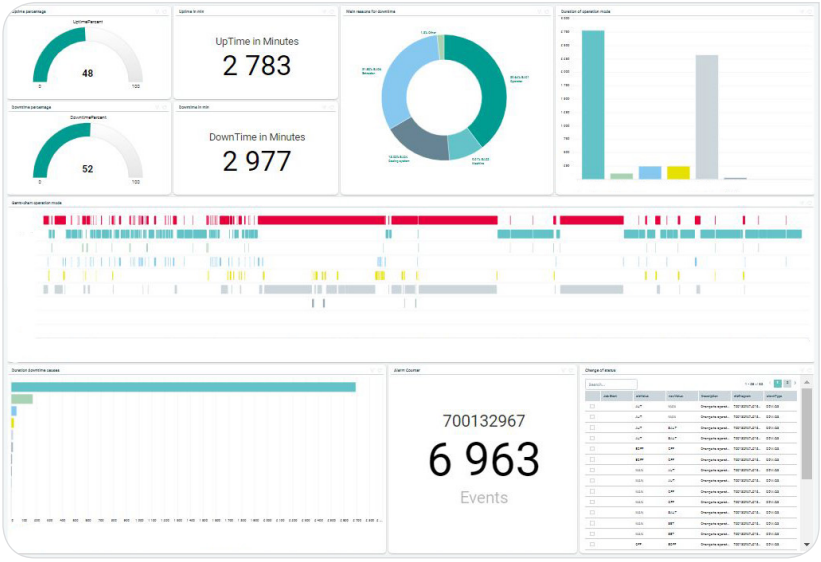
Optimize your die-casting production with Downtime Analysis. The production analysis tool is designed for your Bühler die-casting machines and cells.

Machine failures lead to a loss of efficiency, energy and productivity and can have an impact on your bottom line. Our Downtime Analysis tool enables you to determine the cause of interruption, and whether it is due to a machine failure, human error, or a defective peripheral. In addition, it gathers long-term data on downtimes in your production process, providing invaluable insights for troubleshooting and improvement.

Time series data can be visualized, which helps you match production failures with their causes. By checking the effectiveness of fixes you can improve your production continuously.

Benefits for your foundry

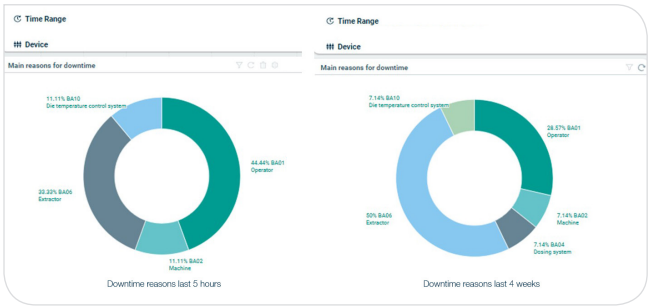
- **Increased availability** of your cell because of early detection of possible downtimes
- **Traceability** – get a continuous overview of your production history
- **Improved efficiency** – plan your maintenance through systematic logging of history
- **Secure connection** – by using the Bühler Insights platform



Overview of die-casting cell with uptime / downtime calculation and the top five reasons for downtime. Historical information like errors, messages, warnings can be reviewed conveniently.

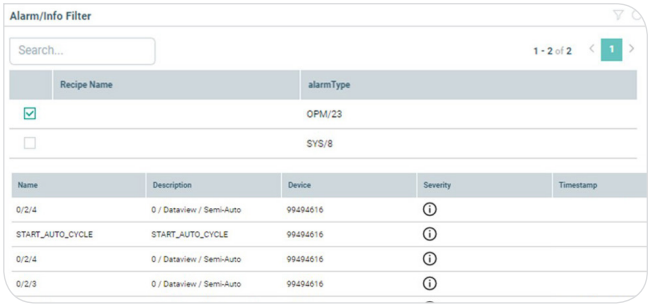
Taking a closer look at Downtime Analysis:

Downtime reason review.



With the downtime reason pie chart you can monitor and analyze the top 10 root causes for downtime. Choose between different operation modes, in any timeframe you need.

Flexible filtering function.



Get deeper insights by taking advantage of the filter functions. With this you can take a closer look at the die-program, alarm types, device groups and many more.

Operation mode Gantt chart.

Operation modes are depicted in a Gantt chart, so you can specify the time period of interest. A scrutiny of the incidence before and after production stop can help you to reveal root causes.

Performance benchmarking.

Bühler Insights Downtime Analysis allows you to benchmark between different machines, die-programs, shifts or time periods.

Prerequisite: Your machine should have Bühler Insights gateway, IoT edge, access to the internet, and DataView / DataNet (Singlemaster).

Lead time: If you have a Bühler Insights connected foundry, Downtime Analysis can be implemented within one day.
For a foundry that is not connected to Bühler Insights, delivery time upon request.

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