



Bühler Insights Downtime Analysis.

System availability at a glance.

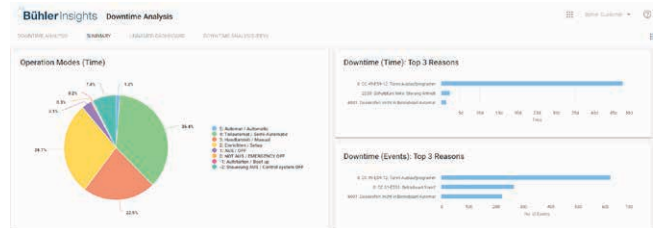
Optimize your die-casting production with Downtime Analysis. The production analysis tool is designed for your Bühler die-casting machines and cells.

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 any interruption, and whether it is due to a machine failure, human error, or a defective peripheral. In addition, it gathers long-term data on all 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
- **Profitability** – reduced service costs due to ongoing improvement and maintenance
- **Traceability** – get a continuous overview of your production history
- **Improved efficiency** – plan your maintenance through systematic logging of history



This summary page shows an overview of a complete foundry, with the top three reasons for downtimes, the three longest downtimes per machine and the operation modes.



Continuous evaluation of downtime of die-casting machines and peripherals



Data and analysis available 24/7



Securely connected to the cloud through Bühler Insights

Operations dashboard.



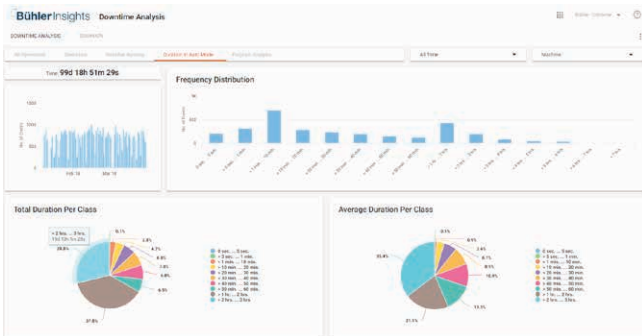
The operations dashboard allows you to monitor and analyze machine modes and run-times. It also shows selected machine operation history. You view them by operation mode or die-program in any timeframe you choose.

Downtime page.



You can view all downtime causes in a specific timeframe through the downtime page. You can analyze downtimes by mapping events against die-programs and improve efficiency by identifying maximum downtime causes.

Duration in auto mode.



You can keep track of efficiency by viewing the timeframe of running machines.

Program analysis.



The program analysis page helps you to keep track of production schedules, displaying the time and duration of running of programs.

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

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

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