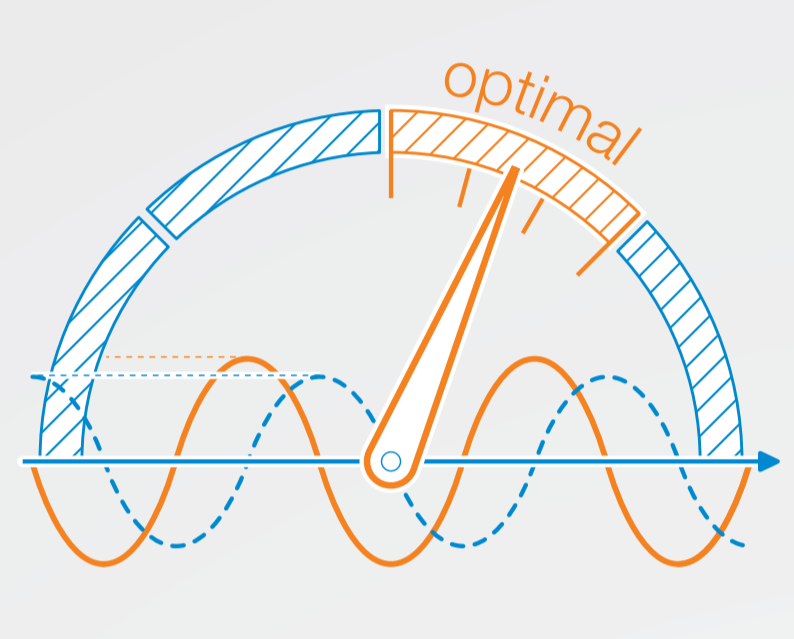
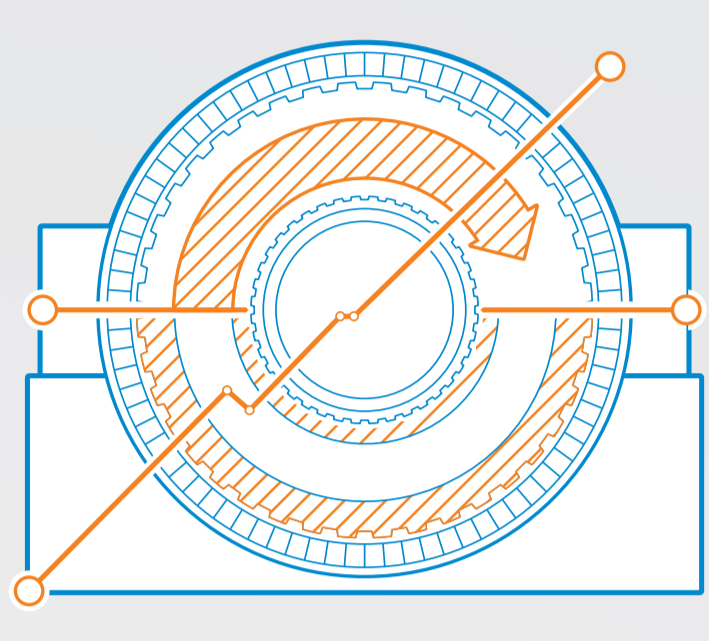


SmartMill™

Exceeding your performance limits

Increases efficiency by stabilizing mill load

With SmartMill you control mill load taking into consideration multiple process variables at once, maintaining the pre-set constraints. Quantity or quality priority? You get to decide.

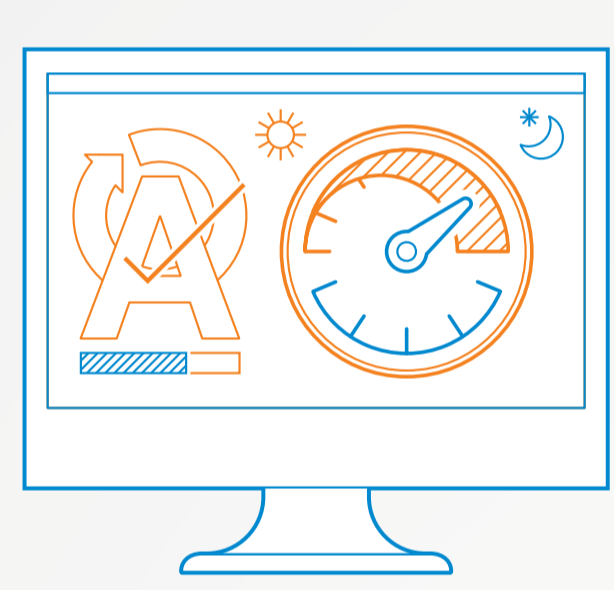
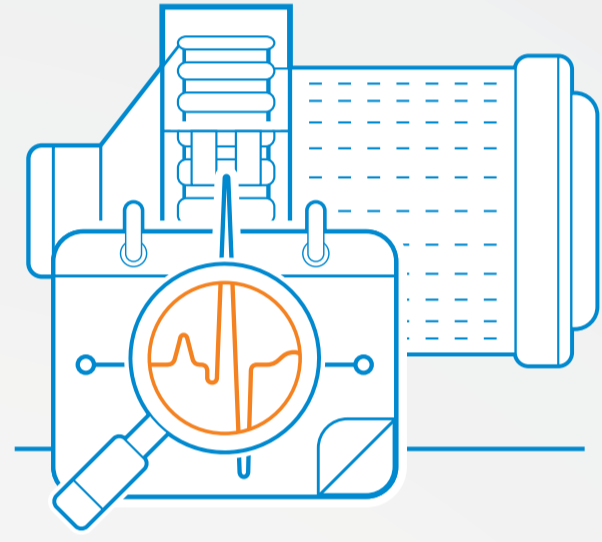


Reduces energy consumption

Extend the scope of your control strategy to optimize energy consumption. SmartMill keeps your mill at the optimal operating speed at all times, reacting to changes automatically, thus increasing energy efficiency.

Extends mill lifetime

With SmartMill you reduce stress on mechanical mill components (e.g. liners), and increase uptime as well as availability.

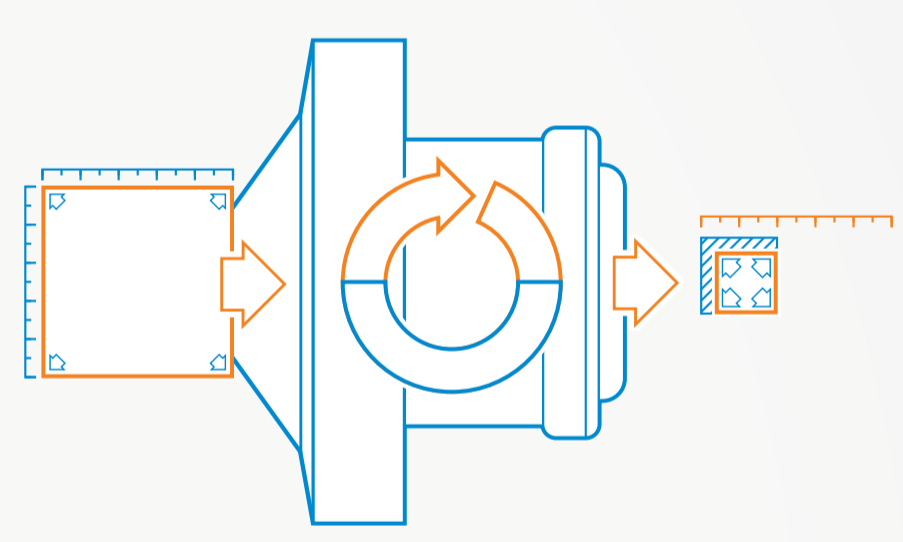


Increased operator efficiency

SmartMill simplifies operator tasks. With its automatic control you can eliminate shift-to-shift variations in production.

Helps you influence particle size

With the mill fully controlled and the load stabilized, the particle size will have less variations, having a positive impact on the flotation process further down the line.



SmartMill, how does it work?

SmartMill, for RMD and GMD systems, actively uses the variable-speed feature to increase your mill efficiency. By embedding the non-linear model predictive control in the mill drive controller in parallel to the mill application features, we extend the classical control strategy to the best-in-class operation.

One single supplier delivering variable speed drives + mill application features + process control
All in one!

