



Image: ZAHORANSKY Automation & Molds GmbH

Hopper

The Process Parameter Recommender

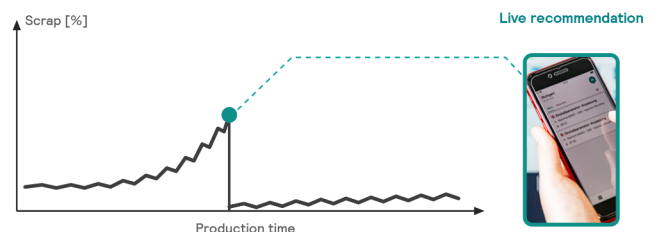
Live data-based tool Hopper generates situational recommendations for optimally matched parameter settings under the current production conditions in order to reduce scrap and cycle time in the injection molding process. Hopper enables situational reaction to raw material batch variations, even for complex thermoplastics and elastomers.

Today without Hopper



Trial and error — next shot: unknown

Tomorrow with Hopper

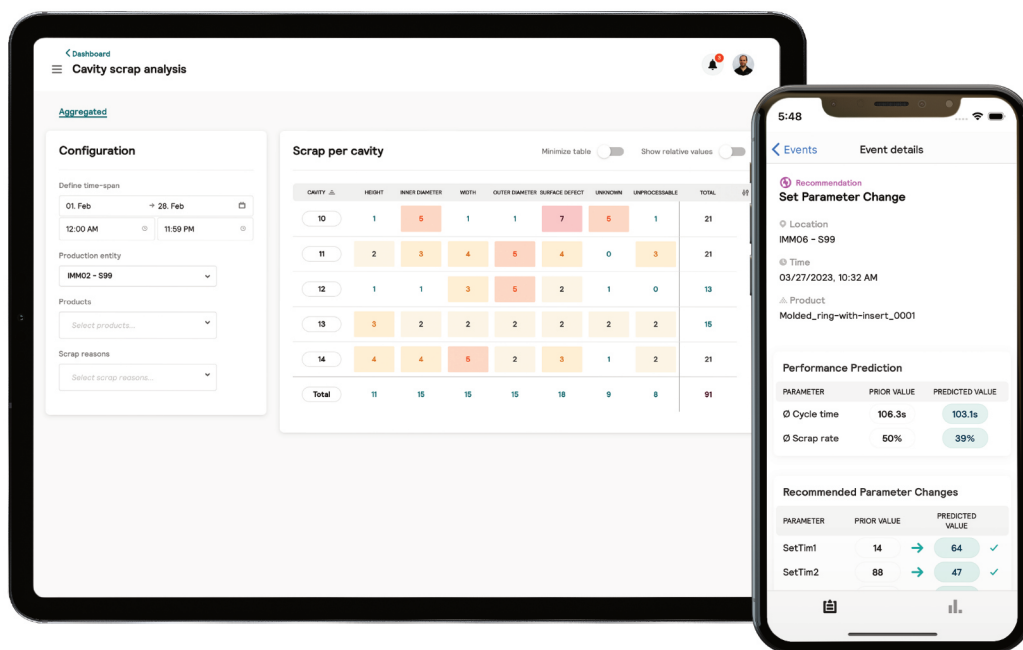


Recommendation applied — next shot: good parts

Hopper learns continuously from the broader production context to catch more complex defect patterns, maximizing good parts per hour and reducing scrap overall, including changeover scrap. Machine-integrated functions focus on keeping a single machine stable. See the comparison below:

Machine internal AI functions vs. Hopper AI functions

- | | |
|-------------------------------|--|
| ✗ single-machine signals only | ✓ multi-machine + contextual data |
| ✗ no context data | ✓ material, quality & environmental data |
| ✗ shot weight consistency | ✓ good parts (multiple quality criteria) |
| ✗ single machine learning | ✓ fleet-wide transfer learning |
| ✗ in-cycle correction | ✓ continuous process optimization |



Hopper turns scrap risk into stable production — with real-time parameter recommendations that keep cycle times and quality at its best.

Find out what it could do for your production. Contact us: interested@plus10.de

