

COPILOT® SYSTEM RELEASE NOTES Build No. v9.3.0



Overview

The CoPilot® system now features reference templates and production outputs Job Started and Job Running.

New Features

Reference Templates

A reference template can be loaded on the cycle graph from a different mold and process to assist in process development.

- Cavity pressure sensors can be assigned to the location/cavity of the reference template mold.
- Valve gate assignments on the mold can be matched/assigned to valve gate assignments on the loaded mold.

Template Match cannot be utilized while a reference template is loaded.

Production Outputs

Production Outputs Job Started and Job Running can be assigned to a physical dual-relay output module (OR2-M) connected to the CoPilot system and the injection molding machine (IMM). The production outputs ensure the CoPilot system is powered on and a job is started in order for the IMM to cycle, and that the IMM is stopped if the CoPilot system job enters a down state.

Job Started

The Job Started production output enables the relay output to turn on and allow the IMM to cycle when the CoPilot system is powered on and a job is started.

Job Running

The Job Running production output enables the relay output to turn on and allow the IMM to cycle when a job is running on the CoPilot system and turn off/shut the IMM down if the job enters a down state.

Production Outputs Job Started vs. Job Running

The IMM will not cycle during the following conditions when Job Started or Job running are assigned to a relay output:

WILL PREVENT CYCLE	JOB STARTED	JOB RUNNING
System Not Powered On	✓	✓
No Job Started	✓	✓
Job is Down	✗	✓

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Bug Fixes

Process Templates Displayed Universally

Process templates for multiple molds and processes were displayed when a single mold and process was selected.

Rapid Advancement Halted Process Setup

When a user proceeded through the process setup quickly, the process setup workflow would freeze and prevent advancement through the workflow until the AP4.0 was rebooted.

Cycle Graph Overlay Labels Not Displayed in French

When a user selected French for the display language, the Cycle Graph overlay labels were displayed in English.