



Prevent an Unexpected Machine Stoppage



GROUP TOOL CHANGES TO MINIMIZE DOWNTIME

When a machine stops for a routine tool change most of the downtime is spent waiting for an operator to begin the tool change. By grouping tool changes together for tools that will expire in the near future, downtime can be reduced. On a second shift with limited operators, a tool change can lead to longer machine downtime or completely stop an overnight unattended run.

TOOL REPLACEMENTS



T **Outlier** APR 4 12:44 PM
Tool 'LB2_5" Axial Endmill - SSP' is near the end of its life expectancy
This tool has 40.6% of its life remaining

COST SAVINGS

ESTIMATED SAVINGS:

20 MINUTES PER
PREEMPTIVE
CHANGE

3 STOPS PER
WEEK

4 HOURS PER
MONTH

\$400 SAVINGS PER
MONTH

ROI YEAR 1: ROI YEAR 2+:

9
MONTHS

3
MONTHS

PREEMPTIVELY CHANGE TOOLS that will expire soon

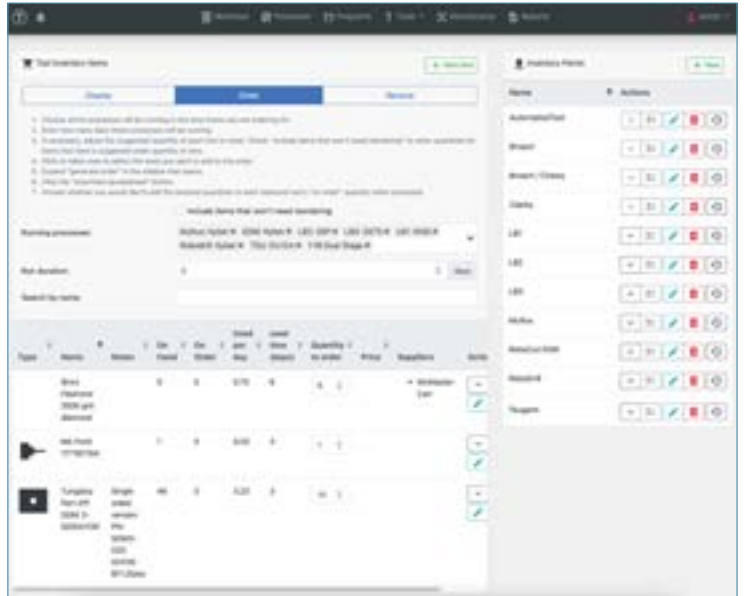
CHANGE TOOLS PRIOR TO AN UNATTENDED RUN to prevent a machine from stopping overnight



PREVENT A TOOLING STOCKOUT DUE TO INVENTORY FUNCTION

A tooling stockout that leads to a machine stoppage is painful. Stopping a machine because an endmill or insert is out of stock can result in a several hour delay while tooling is rushed to the shop. A tooling stockout requires either an employee's time to pick up tooling or an expedited delivery charge from a vendor. In a best case scenario tooling is on a shelf locally, but all too often a tooling stockout requires shipping, disrupting a job until midmorning the following day. OnTakt can help prevent these painful stockouts and increase run quality by allowing an operator to visualize when to order tooling to prevent these types of stockouts.

TOOLING ORDER SUMMARY



PREVENT TOOLING STOCKOUTS with a smart ordering engine that signals which tools need to be on order to prevent machine stockouts due to tooling



ENABLE YOUR OPERATIONS TEAM with visibility of upcoming ordering needs to prevent painful stockouts

COST SAVINGS

PREVENTING ONE TOOL STOCKOUT PER QUARTER:

4
HOUR
STOCKOUT → **\$1,800**
SAVINGS
PER YEAR

ROI YEAR 1:
24 MONTHS
ROI YEAR 2+:
8 MONTHS

12
HOUR
STOCKOUT → **\$5,400**
SAVINGS
PER YEAR

ROI YEAR 1:
8 MONTHS
ROI YEAR 2+:
3 MONTHS

Additional case studies available at wolframfg.com/resources/case-studies