



AI Nesting Workbench

AI Nesting Workbench brings nest planning directly into Acumatica for sheet-metal and 2D-cutting manufacturers using laser, plasma, waterjet or punch equipment.

Group compatible cutting operations, compare three nest layouts, approve the best option and send the result directly back to production while turning usable remnants into inventory.

WHY AI NESTING WORKBENCH

Standalone nesting creates a gap between production orders, cutting files and the results that ultimately need to return to ERP.

HOW IT WORKS

The workbench groups open cutting operations by material and thickness, generates three nest options and lets the planner choose which result is written back to Acumatica.

BUSINESS IMPACT

Improve sheet utilization, reduce manual re-entry and recover more material by turning reusable remnants into traceable inventory.

WHAT IT DOES

- ✓ Groups cutting operations by material + thickness
- ✓ Generates three nest layout options
- ✓ Writes approved nests back to production
- ✓ Promotes reusable offcuts to inventory
- ✓ Tracks estimated cutting and setup time

KEY FEATURES

- ✓ Three-option nest comparison
- ✓ DXF revision control
- ✓ Machine and material configuration
- ✓ Offcut Register with bin tracking
- ✓ DXF and cut sheet downloads

CAPABILITIES

- ✓ Improves sheet utilization
- ✓ Reduces nesting-to-ERP re-entry
- ✓ Maintains current cutting revisions
- ✓ Makes remnants stockable and costable

Smarter nesting. Cleaner ERP data. Better production flow.