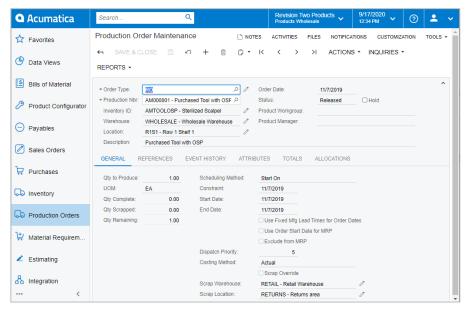## Support Multiple Types of Manufacturing with Confidence Using Acumatica Manufacturing Edition Production Management

Create production orders from bill of material and routing standards. Release and schedule production orders. Manage outside processes, track materials and labor costs for work in process (WIP) with detailed cost analysis reports, inquiries, and dashboards. Gain valuable insights into production with real-time dashboards, flexible Generic Inquiries, and dozens of personalized reports such as the Production Order Labor Efficiency Report.

### PRODUCTION ORDER MANAGEMENT

Production is the heartbeat of every manufacturer. Production management is difficult without the right tools. Acumatica Manufacturing Edition helps manufacturers to respond to production demand with flexibility to adapt to ever-changing schedules, unplanned breakdowns, late supplier deliveries, and other exceptions that impact what's happening on the shop floor.

- Create production orders to fulfill customer demand from sales orders or through the material requirements planning (MRP) module.
- Release and schedule production order operations for shop floor employees.
- Captures manufacturing material, labor, machine, tool, overhead, and outside process costs for real-time work in process (WIP) reporting and analysis.
- Monitor production orders from the configurable production dashboard.
- Project-centric manufacturers create production orders directly from tasks in the optional project accounting application.
- Maintain full lot and serial traceability throughout the lifecycle of the item. Capture lot and serial numbers and preassign lot and serial numbers for finished goods using configurable number masking.



*Control the production process from components to finished goods with real-time inventory updates and detailed WIP and job cost reporting.*

### KEY BENEFITS

#### COORDINATE ACTIVITIES

- Manage your entire business with complete real-time information on your operations
- Coordinate labor, machines, and inventory and optimize your company's processes
- Streamline outside processing for vendor shipments and cost transactions.

#### STAY ON ONE PLATFORM AS YOU GROW

- Adapt the software to your changing needs
- Leverage powerful features and functions for multiple production environments

#### HANDLE PRODUCTION ORDER CHANGES EASILY

- Build prior or alternate Bills of Material revisions
- Substitute operations and/or materials on a production order

#### ENHANCE LOT/SERIAL TRACKING

- Full lot and serial traceability throughout an item's lifecycle
- Lot and serial numbers can be assigned or manually entered using purchase receipts, inventory issues, and shop floor control transactions
- Create and preassign lot and serial numbers for finished goods using configurable number masking.

## PRODUCTION MANAGEMENT FEATURES AND CAPABILITIES

| | |
|---|---|
| **Critical Materials** | View production order shortages. Create purchase orders and production orders for the parts that are short from a single screen. |
| **Labor Tracking** | Capture direct production labor to production orders by employee. Enter and track non-production time using indirect codes. |
| **Backflushing** | Eliminate reporting by backflushing labor or material when reporting the production quantity completed, useful when a company only wishes to record the production quantity. |
| **Material Tracking** | Issue stock and non-stock materials and parts to a production order. Capture lot and serial numbers on controlled items. |
| **Production Performance** | Monitor and manage performance with detailed reports, including actual vs. standard/planned costs with labor, material, machine, tool, fixed, and variable overhead details. |
| **Event Audit Trail** | Trace all production activities (events) against a production order including description, date and time, and ID of the user. |
| **Production Order Changes** | Manufacture to prior or alternate bills of material revisions, substitute operations, and materials as desired. |
| **Production Control Points** | Streamline data entry with control points to define required milestone operations for production reporting and backflushed operations. |
| **Multi-Site** | Support multiple sites and have the flexibility to have different or alternate BOM/Routing for each different site. |
| **Lot and Serial Tracking** | Maintain full lot and serial traceability throughout the lifecycle of the item. Capture lot and serial numbers at purchase receipt, inventory issues, and shop activity transactions. |
| **Barcode Integration** | Use barcode data collection to record labor and material transactions as well as inventory transactions including issues, receipts, cycle counting, and physical inventory. |
| **Pre-Assign Lot/Serial Numbers** | Create and preassign lot and serial numbers for finished goods using configurable number masking. Optionally enforce finished good lot and serial selection when issuing lot or serial controlled components and raw materials to production to retain one-to-one traceability for multi-quantity production runs. A lot and serial allocation screen is provided for after-the-fact matching of component lot and serial numbers with finished goods lot and serial numbers. |
| **Outside Processing** | Streamline outside processing for vendor shipments and cost transactions related to purchased, subcontracted services such as heat treating, painting, coating, or assembly. |
| **Production Dashboards** | Monitor production in real-time with production manager and production meeting dashboards for insights into work center utilization, work queues, order status, past due operations, late orders and operations, and work in process (WIP). |

*ABOUT ACUMATICA*

Acumatica Cloud ERP provides the best business management solution for digitally resilient companies. Built for mobile and telework scenarios and easily integrated with the collaboration tools of your choice, Acumatica delivers flexibility, efficiency, and continuity of operations to growing small and midmarket organizations. **Business Resilience. Delivered**.

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