Acumatica
The Cloud ERP

FlexMFG JOB SHOP
MANUFACTURING SOFTWARE

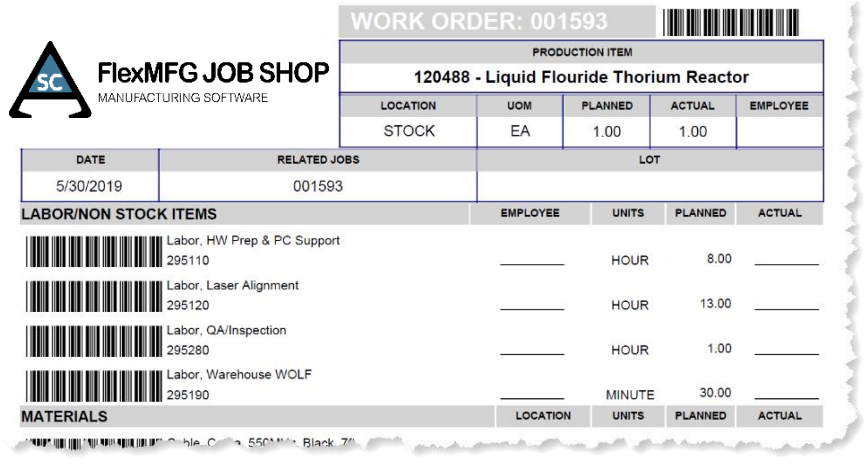
The FlexMFG Job Shop is designed for job shops and engineer to order operations of all sizes. It seamlessly operates with Acumatica ERP and comprehensively supports the *dynamic* bid-to-manufacture-to-collection workflows associated with this industry -- utilizing the most modern, internet savvy, software, and dashboard technologies available.

Features include a dynamic bill of material which may be of unlimited indentures, serialized at all levels/components, and created/modified at any time during the bidding, planning OR production cycles. The MRP logic aggregates all demand consolidating vendor PO's. Actual labor maybe recorded and billed prior to work order completion; partials are supported. Also, specs, drawings, videos and email correspondence may be appended to bids, jobs and change orders.

FlexMFG supports bids & quotes, work orders, travelers, labeling for production, serialization & lot control, scanned labor collection, MRP, routers, job costing and robust reporting. May hard allocate BOM to a sales order or build to stock. MRP interoperates with replenishment logic regarding seasonality, safety stock and EOQ.

Incorporates Graphical Schedule Board and KPI Dashboards. The scheduling tool instantaneously determines whether labor is available when planning jobs for a given day, week, month, etc. – for all operations or per department. The scanning function with lets workers enter time without consuming a named user license. Key Performance Indicators monitor key commitments like ship dates and vendor deliveries.

SUPPORTS JOB SHOP OPERATIONS AND ENGINEER-TO-ORDER OPERATION



FlexMFG JOB SHOP
MANUFACTURING SOFTWARE

WORK ORDER: 001593

PRODUCTION ITEM				
120488 - Liquid Flouride Thorium Reactor				
LOCATION	UOM	PLANNED	ACTUAL	EMPLOYEE
STOCK	EA	1.00	1.00	

DATE	RELATED JOBS	LOT
5/30/2019	001593	

LABOR/NON STOCK ITEMS	EMPLOYEE	UNITS	PLANNED	ACTUAL
Labor, HW Prep & PC Support 295110		HOUR	8.00	
Labor, Laser Alignment 295120		HOUR	13.00	
Labor, QA/Inspection 295280		HOUR	1.00	
Labor, Warehouse WOLF 295190		MINUTE	30.00	

MATERIALS	LOCATION	UNITS	PLANNED	ACTUAL

THE ACUMATICA ERP DIFFERENCE

Acumatica delivers a full suite of integrated business management applications unlike any other ERP solution on the market today.

STREAMLINE OPERATIONS

Manage your business more efficiently:

- Automate processes
- Control workflows
- Access the system from anywhere on any device—including mobile
- Promote collaboration with all-inclusive user licensing

ADAPTABLE SOLUTION

Add and extend:

- Deploy in-house or in a private or public cloud
- Easily configure your solution to fit your needs
- Add capabilities such as CRM or data visualization at any time
- Extend to other solutions and applications beyond ERP

YOUR BUSINESS ACCELERATED

Get a single version of the truth:

- Accelerate business performance and make smarter decisions with automated processes, real-time data collection, financial analyses, and forecasting
- No per user pricing – system scales as your business grows

Dynamically Build BOM (and BOMs within BOMs)/Work Orders

Dynamically Creates BOMs for Production. Perfect for "same as except" production, a staple of Job Shop operations. Organizes BOM with work order/assembly documentation necessary for production. Build to forecast or hard allocate to Sales Order. Supports "Partial" completions.

Supports Serialized Items. Logic augments Acumatica functionality regarding Lot and Serial control including BOMs (and BOMs within BOMs) Finished Goods and Raw Materials. Also, fully supports Acumatica's Allocations logic associated with serialization.

Copyright © 2020 Advanced Solutions & Consulting Co. All Rights Reserved

ADVANCED SOLUTIONS & CONSULTING CO.

Dynamically Create BOM's "On the Fly," or Reuse Templates

BOM's may include stock and non-stock (labor) items. The FM module organizes material items into version controlled BOM and supports cost roll-up adding material and labor costs to establish cost of goods sold for finished good.

Supports BOM Explosion for Auto-Replenishment. The FM module queries Acumatica inventory balances and automatically creates purchase orders where required to fulfill material requirements for BOM assembly. Supports backflush.

Supports Assembly Operations Without Complex Work Center Maintenance

BOM Structure Supports Production Steps. Capture labor at each phase of production process. The module automatically places the assembled item(s) into finished good stock. Acumatica will then automatically create pick tickets for order fulfillment.

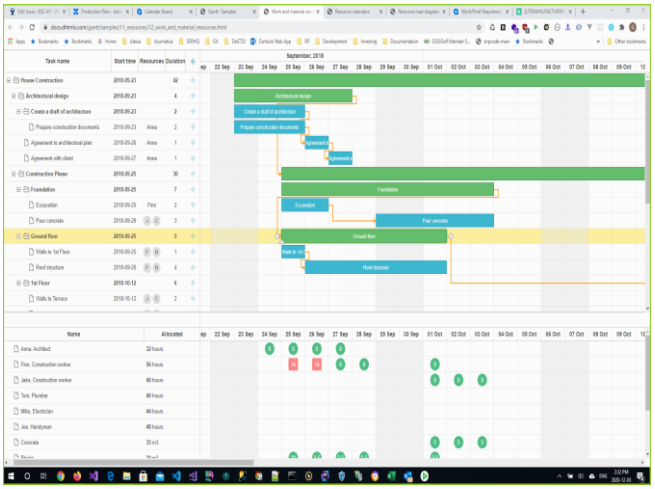
Creates All Required Documentation. Automatically generates scannable routers and kit labels. The module automatically places the assembled item(s) into finished good stock. Acumatica will then automatically create pick tickets for order fulfillment.

FlexMFG JOB SHOP FEATURES AND CAPABILITIES

Manage Manufacturing with Low Cost Module	• Provides manufacturers a low cost, low overhead means to manage operations. • Cost roll-up reports provide valuable margin analysis to assess product cost/value.
Compatible Warranty and Asset Tracking Module	• Warranty and Asset Tracking • Written in Acumatica xRP Framework • Upgrade compatible
Replace Excel Spread Sheets	• Provides ERP controls for manufacturing operations within a single data base. Provides tools to assure product availability to meet demand. • Eliminates duplicated data entry regarding item availability and purchase orders.
Reduce Errors and Increase Productivity with Auto Replenishment Feature	• Replenishment assures correct items are purchased to meet demand eliminating costly errors. • Auto replenishment hard allocates raw materials to BOM(s) for specific sales orders.

FlexMFG MODULES

Schedule Work Orders & Labor



ABOUT ADVANCED SOLUTIONS & CONSULTING CO.

Advanced Solutions & Consulting Co. (ASC) is a founding Acumatica VAR with MVP status. We deliver ISV solutions for supply chain and accounting applications. Our solutions are written in native Acumatica. They address complex ERP requirements extending Acumatica's market breadth and competitiveness.

ASC automates ERP functions to save customers (and their VAR's) serious time and money.

Contact us today to get started:

CONTACT SALES

bernard.ford@erp365.co.za

Copyright © 2020 Advanced Solutions & Consulting Co. All Rights Reserved