

The solution for distributors who sell finished goods that require assembly. Expands Acumatica’s kitting features. With Light Assembly, kits function as finished goods whether pre-built or assembled per a sales order - (the later not available with core Acumatica). Available to Promise visibility is provided for both options.

The Light Assembly Kit BOM may include both material and labor to calculate cost of goods sold. MRP replenishment is per an individual kit or multiple kits -- *at the finished goods level* with components netted to calculate overall demand of all items included in kits. Purchase orders may be automatically generated when material is required, and the replenishment logic complements core Acumatica regarding safety stock, EOQ, lead time, etc.

A Light Assembly work order may be directly linked to a sales order, created from a production plan or an optional, integrated forecast module. It generates (bar coded) production work orders and supports multiple assembly activities with functions for (actual) labor entry or “quick complete.” An optional graphical schedule board visualizes shop load.

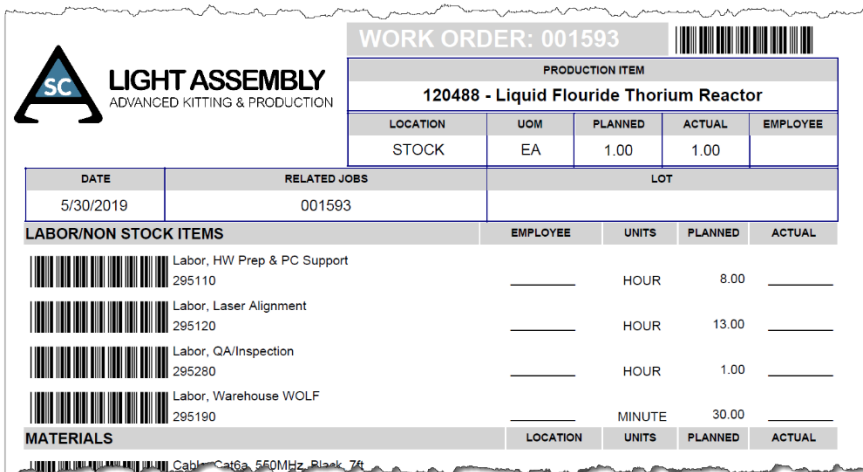
“Bundles” Multiple Items into A Single SKU, An Assembled Finished Good






- BOM may include stock and non-stock (labor) items. The LA module organizes material items into version controlled BOM and supports cost roll-up adding material and labor costs to establish cost of goods sold.
- Supports BOM Explosion for Auto-Replenishment. The LA module queries Acumatica inventory balances and automatically creates purchase orders where required to fulfill material requirements for BOM assembly.

Supports “On Demand” (Light) Assembly Operations

- Auto Generates Work Order Documentation. Sales Orders automatically create work orders if the Finished Good Kit/BOM is not in stock.
- Work Order Completion “Stocks” Finish Goods. The module automatically consumes raw material into finished good stock for shipping and invoice.

Sales Order Triggers Production Order



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	
 Cable, Cat6a, 550MHz, Plank 7ft					

- The LA module organizes these items into a BOM with work order/assembly documentation necessary for order fulfillment.
- Supports Matrix Inventory and the Acumatica eCommerce Edition for items “assembled” on-line. The LA module processes the order in Acumatica for fulfillment.

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

LIGHT ASSEMBLY MODULE FEATURES AND BENEFITS

MANAGE ASSEMBLY WITH LOW COST MODULE

- Provides distributors a low cost, low overhead means to manage assembly operations.
- Cost roll-up reports provide valuable margin analysis to assess product cost/value.

REPLACE EXCEL SPREAD SHEETS

- Provides ERP controls for assembly 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 STOCK OUTS WITH AUTO REPLENISHMENT

- Auto replenishment hard allocates raw materials to BOM(s) for specific sales orders.
- Replenishment assures correct items are purchased to meet demand eliminating costly errors.

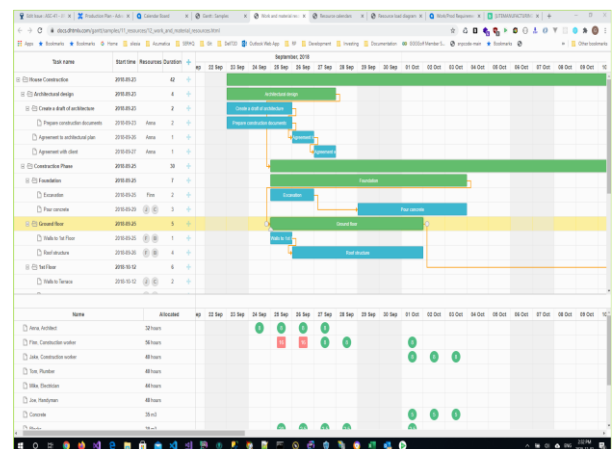
LIGHT ASSEMBLY MODULE OPTIONS

Forecast Module

Inventory ID	Revision	Forecast Method	Auto Regressiv Order	Degree Of Differenci	Moving Average Order
310121	1	Linear Regress...	0	1	0
310122	1	ARIMA	1	2	1
		Manual	0	1	0
		Linear Regression			
		ARIMA			

History Start Date	History End Date	UOM	1	2	3	4
5/1/2020	6/1/2020	EA	90.00	100.00	110.00	120.00
5/1/2020	11/1/2020	EA	50.00	45.00	55.00	50.00

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](#) | +1 877 590-4ERP | sales@solutionsco.com