Acumatica
Gold Certified Partner

Advanced Planning and Scheduling

Manage and Monitor your Shop Floor Schedule and Work Center Capacity

Acumatica Manufacturing Edition's Advanced Planning and Scheduling (APS) allows manufacturers to consistently and cost-effectively meet customer demands by setting accurate and reliable delivery dates based on finite resource availability. Optimize manufacturing production by managing resource constraints, including materials, production capacity, process sequences, tooling, and facility schedules.

Advanced Planning and Scheduling software provides essential planning capabilities, real-time insights into production, and the ability to accurately schedule employee and machine resources. It allows you to determine requirements for materials and capacity while providing efficient use of production assets.

FINITE CAPACITY SCHEDULING

Know how much work can be produced in a given timeframe, considering various resources and demand limitations.

ROUGH CUT CAPACITY PLANNING (RCCP)

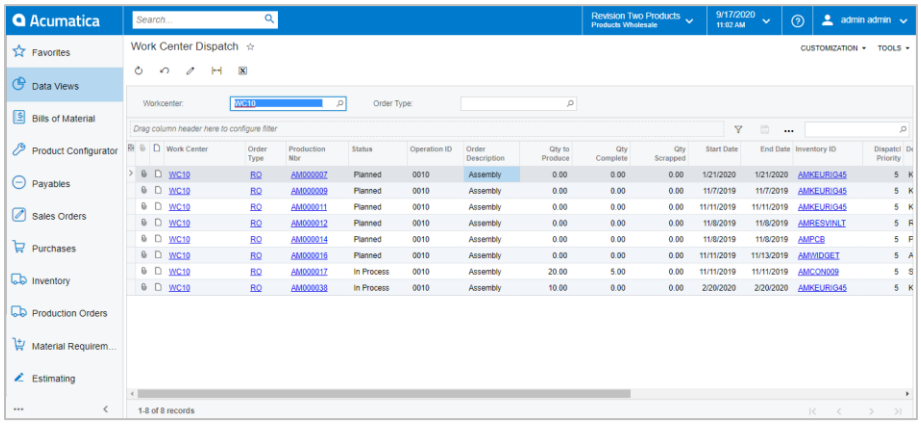
Verify that you have sufficient capacity available to meet the capacity requirements for your master schedule.

CAPABLE TO PROMISE (CTP)

Access Capable to Promise (CTP) from sales orders and quotes to calculate availability dates for manufactured items considering capacity constraints, material availability, and vendor lead times.

VISUAL SCHEDULING

Visualize your production schedule with a graphical view of production order schedules by work center and machine. Adjust constraint dates and priorities and firm schedules from the visual schedule board.



Access schedules for work centers, machines, and tools with dispatch lists providing details related to scheduled production orders.

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

IMPROVED CUSTOMER EXPERIENCE

- Improve the customer experience by empowering customer service and sales representatives with Capable-to-Promise (CTP) functionality to calculate realistic delivery dates for items on quotes and sales orders based on capacity constraints, vendor lead times, and material availability.

STAY ON ONE PLATFORM AS YOU GROW

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

DEPLOYMENT OPTIONS

- Get Acumatica as a subscription (SaaS) or purchase the license. Deploy on-premise, on a hosted server, or on a Cloud platform

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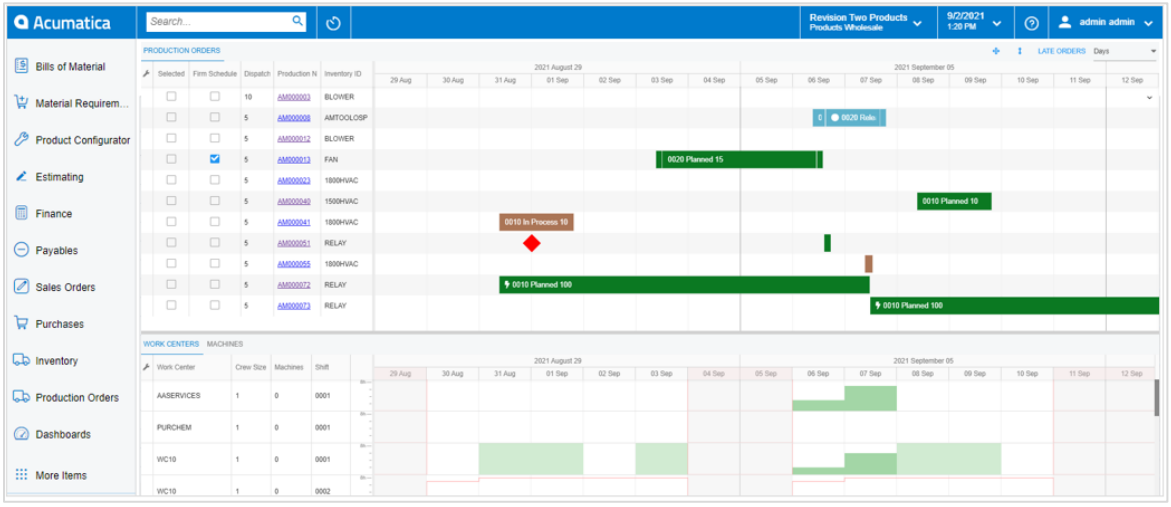
ADVANCED PLANNING AND SCHEDULING FEATURES AND CAPABILITIES

Resource Capacity	Using rough-cut capacity planning, plan, monitor, and manage work center, machine, tool, and labor capacity. Finite scheduling considers operation durations based on crew sizes and labor efficiency.
Rough-Cut Capacity Planning (RCCP)	RCCP schedules open production orders against finite capacity constraints. Optionally, the orders selected can be released. Orders are loaded and scheduled in sequence based on priority, constraint dates, and production order numbers. The availability of material is considered including supply orders such as purchase orders, transfer orders, or component production orders. Planners may exclude planning orders from RCCP to focus only on actual production orders.
Capable to Promise (CTP)	Use Advanced Planning and Scheduling to determine how many units of an item will be available by a specified date or calculate availability dates for a quantity of items based on finite capacity constraints, material availability, and vendor lead times.
Dispatch Lists	Utilize work center and machine dispatch reports for a clear view of currently scheduled production orders and operations. View reports identifying required resources for scheduled production orders.
Visual Schedule Board	Visualize your production schedule with a graphical view of production order schedules by work center and machine. Visual scheduling enables users to view scheduled operations against work centers and machines for individual production orders or all orders simultaneously.
Scheduling Changes	Adjust constraint dates and priorities and firm schedules from the visual schedule board.
Scheduling Utilities	Use filters to locate production orders by sales order, scheduling status, and other criteria. Identify work center and machine capacity with built-in histograms. The color-coded schedule makes it easy to identify production orders and operations.
Queue, Finish, and Move Time	Improve scheduling precision by defining finish, move, and queue times for operations that require cooling, drying, movement to upstream operations (such as outsourced manufacturing services), and other expected non-production time.



Visualize production schedules, adjust constraint dates and priorities, and firm plans from the visual schedule board.

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**.

CLOUD ERP SOLUTIONS

Contact us today to get started: (844) 239-7949 | www.cloud9erp.com

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