



# QAD PRODUCTION SCHEDULING WORKBENCH

QAD Production Scheduling Workbench provides planners and schedulers with simultaneous visibility to plans, schedules and all supporting data, and enables control and collaboration across the production and materials planning space.

Schedulers interact directly with the production schedule while receiving real-time visual alerts on capacity, item supply and material shortages. The scheduler uses the Production Scheduling Workbench to rapidly manipulate schedules and simulate results, prior to confirming changes to the schedule.

## VALUE AND BENEFITS

The primary value you will receive from the Production Scheduling Workbench will be more efficient and effective production scheduling. You will be better able to achieve your performance targets for key customer service and fulfillment metrics. You will get a greater return on [manufacturing](#) assets while reducing lead time and cutting costs.

**Improves Delivery In-Full On-Time (DIFOT).** Improved planning and scheduling with visual alerts and extended planning horizons ensure you meet customer delivery promises.

**Improves schedule achievement.** Actual production and scheduled production match more closely with schedules based on up-to-date supply and demand information, and capacity constraints.

**Fewer stock outs.** Total visibility into demand, supply, inventory, capacity and production from one interactive workbench, helps schedulers avoid stock out situations.

**Reduces Sales, General & Administrative (SG&A) cost.** Efficient scheduling processes and on-line collaboration with master schedulers eliminate reliance on paper-based activities, reducing scheduling time and cost.

**Increases fixed asset effectiveness.** Better resource utilization and efficient scheduling processes improve capacity utilization, production throughput and fixed asset effectiveness.

**Increases equipment performance.** Higher utilization and better scheduling for setups result in more output from scheduled labor.

**Maximizes throughput.** Schedules only items that can move and not those that must stop due to capacity or material constraints.

## KEY FEATURES

Production Scheduling Workbench provides production schedulers with complete visibility into all key factors important to planning and scheduling decisions, including capacity and materials availability.

- Production Scheduling Workbench provides visibility into capacity and materials availability.
- Consolidated information for all input reduces the time and complexity associated with the master scheduling process.
- Schedulers simulate changes and can immediately view the impact to customer deliveries and capacity, before implementing them.
- Exception alerts improve operational efficiency by focusing attention on demand, supply, or capacity changes before they become critical.
- Workbenches show up-to-the-minute information, including plans, orders and shop floor feedback.
- Workbenches allow schedulers to be proactive in reducing costly overtime.
- Helps optimize capacity utilization and manufacturing throughput in a single step.
- Integrated component availability checking verifies materials are in stock before release of production orders.
- Workbenches help schedulers to take proactive steps to reduce premium freight.
- Shared information enables coordination between the master scheduler and production planner, reducing the planning / scheduling cycle from days to hours or minutes.
- Schedule changes update [ERP](#) and communicate priority to the shop floor, with real-time closed-loop feedback and visual alerts to exception conditions QAD Q-Xtend Data Sheet.