



Automated Production Scheduling

Scheduling Functionality Includes:

- Total Flexibility in Methods Used-- Such as:
 - ⇒ Forward and Backward Scheduling
 - ⇒ Fixed or Rated Based Outputs
 - ⇒ Overlapping and Parallel Operations
 - ⇒ Operations in Series
 - ⇒ Optional/Mandatory Shopfloor Feedback
- Production Orders are Launched, Bar-Coded, Tracked and Produced
- Reservations of Materials and Capacities are Calculated
- Provides Data-Based Availability on Expected Quantities
- Work Orders are Created Based on Finite or Infinite Capacity
- Accurately Predicts Processing Times Based on:
 - ⇒ Set-up Times
 - ⇒ Job Order Quantity
 - ⇒ Machine Efficiency
 - ⇒ Average Run Lengths
 - ⇒ Extension/Contraction
 - ⇒ Reprocessing
- Excellent Compatability with most Monitoring and Control Systems available Today
- All Activity Scheduling
- Excellent for Managing Orders involving Multi-Article or Multi-Batch Production
- Planner Now Schedules:
 - ⇒ On Time
 - ⇒ Minimizes Set-Up
 - ⇒ Minimizes Work
 - ⇒ On Optimal Reserve

Automated Scheduling Technical Features:

- ▶ Resident Engine with Synchronization and Scheduling Algorithms
- ▶ Color Coded, “Drag and Drop” with Auto Sequencing Functionality
- ▶ Interfaced for Two-Way Communication to the Host ERP System
- ▶ Two Formatted Reporting (HTML or MS Excel) Producing Three Types of Reports--Dynamic and Fixed, Schedule Reports, and Bin Extraction Reporting