

DBA MANUFACTURING

A proven small-business manufacturing solution for planning, generating, executing, and shipping on time.

DBA helps small manufacturers run the entire business with a straightforward, intuitive system built around planning discipline, item settings, real-time execution, and financial integrity.

1 PLAN

A Enter 3 Core MRP Settings



- Lead days for purchased items
- Job days for manufactured items
- Order Policy based on lead day contribution

These settings dynamically drive system targets, MRP action windows, and priority-based activities.

B Strategic Inventory



- Stock critical items to reduce lead days and time to shipment
- Lead Day Inquiry helps decide which items to stock
- Supply Days controls frequency of Jobs and POs
- Auto-calculated Replenishment Time ensures enough time to make or procure the item

C Estimated Costs for Manufactured Items



- Purchased item estimated costs based on default supplier price
- Cost Rollup of material, labor, overhead, and subcontract services through all levels
- Calculated Shop Rates for labor and overhead adjust over time

Estimated costs are rolled up through all levels of production and periodically refined.

2 GENERATE

A Sell



- Line item Required Dates are calculated by DBA
- Time-to-shipment targets stay in sync with company objectives and drive MRP
- Expected Ship Date is the customer communication date
- Late Supply screen provides feedback for jobs that are behind schedule

B Manufacture



- Converts firm demand to Jobs through all levels of production
- Action-window planning in MRP eliminates the bullwhip effect
- Dynamic replenishment time per item ensures enough time to make the item before stock runs out

C Purchase



- Aligns PO materials with the planned start of your Jobs
- Dynamic replenishment time per item ensures enough time to procure the item before stock runs out
- Verify PO prices when sending out POs to improve purchase source and inventory value accuracy
- Track progress and monitor suppliers in the PO Schedule screen

3 EXECUTE

A Release Jobs with Material



- DBA allocates supply across all system demand so materials are on hand for production
- Dependency view shows which POs and subassemblies are running late
- If released late, the finish date is automatically rescheduled and the schedule is updated

B Shop Control – Work Center Schedule



- Run sequences in Priority order for optimal flow
- Issue materials real time
- Report labor as sequences are completed
- Job Receipt with all absorbed material, labor, overhead and subcontract costs.
- Job Close reconciles WIP account

C Ship on Time



- Late Supply screen shows jobs with finish dates beyond required dates so you can communicate progress to customers
- Pricing Manager allocates supply across all demand to help you remain on time



BEST PRACTICE: DBA combines dynamic planning, coordinated generation, real-time shop control, and summary financial transfer to help small manufacturers ship on time, control inventory, and run the business with confidence.