

SHOP CONTROL

Best practices for managing job priorities, production schedules, material flow, labor reporting, and work in process.

1 MASTER SCHEDULING

1



Define Work Centers and Routings

- Work centers represent machines, departments, work areas, and subcontractors.
- Routings define the sequence of work and assign each operation to a work center.

2



Let MRP Build the Master Schedule

- MRP aligns jobs, subassemblies, and purchase orders to required dates.
- Materials and capacity are synchronized throughout the schedule.

3



Release Jobs Only With Material

- Release jobs only when material is fully allocated.
- Delayed releases automatically update job finish dates.

2 SHOP FLOOR EXECUTION

4



Run Work Center Queues by Priority

- Work Center Schedule displays operations in priority order.
- Late jobs automatically rise in priority.

5



Issue Material in Real Time

- Issue materials when they are consumed.
- Keep inventory balances and WIP costs current.

6



Report Labor by Routing Sequence

- Report labor as operations are completed.
- Standard Hours reporting improves throughput and costing accuracy.

3 REAL-TIME FEEDBACK

7



Use Late Supply for Customer Communication

- Monitor jobs that miss required dates.
- Update Expected Ship Dates and customer commitments.

8



Manage Subcontract Operations Through Shop Control

- Generate subcontract POs directly from the job.
- Receive returned material through PO Receipt processing.

9



Receive Finished Goods at Realistic Cost

- Job Receipts absorb material, labor, overhead, and subcontract costs.
- Receive finished output only when status indicators are green.

4

COMPLETION & SHIPPING

10



Use Picking Manager for Priority Shipping

- Allocate inventory according to Required Date priorities.
- Keep shipments aligned with the master schedule.

11



Close Jobs Promptly

- Job Close reconciles WIP balances.
- Variances are transferred to WIP Variance accounts.
- Keep Work in Process accurate and current.



BEST PRACTICE: Release jobs only with material, execute transactions in real time, run work centers by priority, and keep work in process aligned with the master schedule.