

# SCHEDULING

The **MAJIK** scheduling module monitors how manufacturing operations are controlled therefore enabling timely production.

The **MAJIK** scheduling module enables on-line update of detailed operation by operation schedule. The key features include

- Enables scheduling by “when an order is due” .
- Enables scheduling by “what job runs next at a particular centre” approach.
- Visible overload on machines.
- Utilises infinite loading.
- Ability to perform a trial fit by comparing load to capacity
- Authorisation utilising the hold flag.
- Flexible planning tool, which enables resolution of shopfloor issues, by allocation/re-allocation of resources such as machine/operation.
- The estimated start date can be modified to reschedule orders so those plans can be achieved.
- Enhances visibility by making the requirement on critical resources stand out
- Manual or automatic reprioritization.
- Sorting ability based on priority, machine, required date.
- Standard schedule reports.
- Calender to record factory patterns.

## BENEFITS

- Higher customer service as the production is matched to required date.
- Production can be optionally organised and run in the order of needs or arrival.
- Supports push (keep the production environment full) production system.
- Supports pull (meet current demand by producing what you need on a day to day basis) production system.
- Simply spreadsheet like display enabling up to date central control, easy prioritization of work in progress and access to critical production information. Reduces considerably the number of lost orders

MFRPO: Recommend And Schedule

Options: Schedule

Centre: 01 12 Loyalty Road North Rocks

From WorkStation: To:

Horizon Date: 14/04/05

Output: Console

Generate

Scheduling

100

Priority	Mach	Req. Date	Stock	Qty	Hold	Start Date	Finish Date	Status	OnOrderQty
3	10CB	00/00/00	6120.0000	1.000		25/02/05	26/02/05	Late	0.0000
5	12F	00/00/00	0.0000	24.000		11/10/04	11/10/04	Late	0.0000
4	ELEC 10CB	00/00/00	6120.0000	1.000		25/02/05	26/02/05	Late	0.0000
1	ELEC FLID	00/00/00	0.0000	100.000		05/09/03	05/09/03	Late	0.0000
3	ELECT 12F	00/00/00	0.0000	24.000		11/10/04	11/10/04	Late	0.0000
2	ELECT MUF	00/00/00	0.0000	164.000		29/09/04	29/09/04	Late	0.0000
7	FLAT LDS	00/00/00	0.0000	100.000		05/09/03	05/09/03	Late	0.0000
6	MUFLID	00/00/00	0.0000	164.000		29/09/04	29/09/04	Late	0.0000

Product: 10CB  
Description: 10CB - Plastic  
Operation: 10CB  
Order No: 22055 10CB - Plastic  
Processing: (1 0000 Hours Per CTN) 0.00 Days: \*\*\*\*  
Quantity: \* Passes = Total To Run: Production Hours:  
1.0000 2 1.0000 1.0000

Print

## ADVANTAGES

- 1 Timely production scheduling
- 2 Ability to print standard schedule reports
- 3 Easy spread sheet like display
- 4 Sorting ability
- 5 Supports both push and pull production system