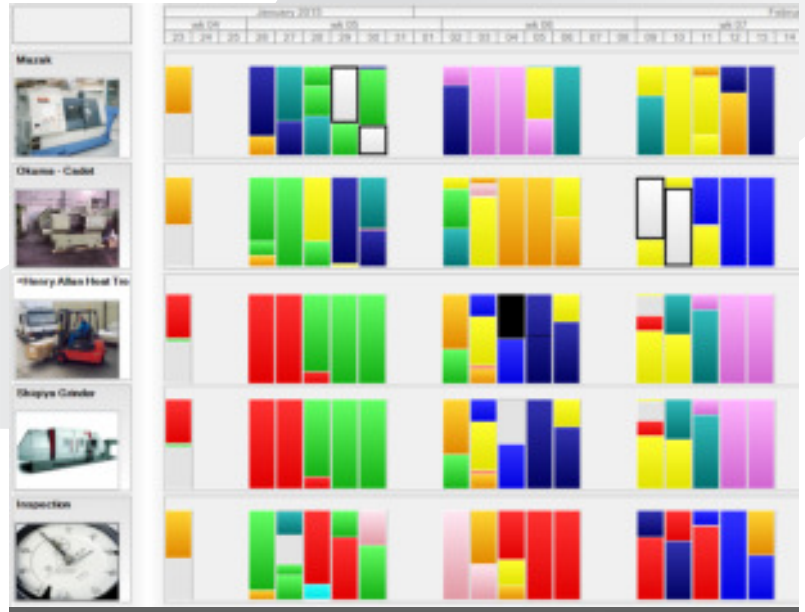


Scheduler Overview

For graphical visualization of all orders and operations, the JobPack Scheduler graphical planning board provides information for each work center.

Operations are assigned to their work center and shown in different colors so they are easily identified. When jobs or operations are started, the length of the colored bar will diminish in real-time throughout the operation until paused or finished. By simple drag and drop of an operation, either between resources or moved within a current resource, the job or operation can be rescheduled.

All work affected by the change is rescheduled instantly and the effect on other jobs of rescheduling is displayed. No changes take effect until saved, allowing for you to try "what if" scenarios and check actual dates even during an estimate.



| Production Orders | | | | | | |
|-------------------|-----------------------|-------------|-------------|--------------|----------------------|----------|
| Work Order # | Description | Planned Par | Status | Delivery Dat | scheduled end | Distance |
| POC-0000036 | Racks | 100 | not started | 11/2/2015 | 11/2/2015 7:30:39 AM | 0 |
| POC-0000037 | Racks | 100 | not started | 10/29/2015 | 10/29/2015 9:30:35 A | 0 |
| POC-0000039 | Sumitomo Part | 75 | in work | 11/13/2015 | 11/13/2015 9:30:35 A | 0 |
| POC-0000040 | Sumitomo Job | 75 | not started | 2/1/2016 | 2/1/2016 11:40:07 AM | 0 |
| POC-0000041 | 2-1/2" Face Plate | 175 | not started | 1/26/2016 | 1/26/2016 9:10:03 AM | 0 |
| POC-0000042 | 2-1/2" Face Plate | 175 | not started | 1/27/2016 | 1/27/2016 7:00:04 AM | 0 |
| POC-0000043 | 2-1/2" Face Plate | 100 | not started | 1/29/2016 | 1/29/2016 8:40:06 AM | 0 |
| POC-0000044 | Dummy Part | 100 | not started | 2/4/2016 | 2/4/2016 7:40:09 AM | 0 |
| POC-0000045 | Runbeck Sample Job | 100 | not started | 11/30/2015 | 11/30/2015 10:15:51 | 0 |
| POC-0000046 | Runbeck Sample Job | 100 | not started | 12/3/2015 | 12/3/2015 11:00:04 A | 0 |
| POC-0000047 | RES Print Job | 100 | not started | 10/29/2015 | 10/29/2015 12:10:00 | 0 |
| POC-0000048 | VAMU/SA Sample Job | 100 | in work | 12/21/2015 | 1/7/2016 11:40:15 AM | 7 |
| POC-0000049 | 1/4" Screw Thread | 100 | not started | 11/5/2015 | 11/5/2015 9:10:38 AM | 0 |
| POC-0000050 | 1/4" Screw Thread | 100 | not started | 11/14/2015 | 11/9/2015 7:30:39 AM | -5 |
| POC-0000051 | 1/4" Screw Thread | 100 | not started | 11/10/2015 | 11/10/2015 1:50:43 P | 0 |
| POC-0000052 | 1/4" Screw Thread | 100 | not started | 11/18/2015 | 11/18/2015 2:45:43 P | 0 |
| POC-0000053 | 1/4" Screw Thread | 100 | not started | 11/20/2015 | 11/20/2015 1:55:44 P | 0 |
| POC-0000054 | 1/4" Screw Thread | 100 | not started | 12/1/2015 | 12/1/2015 9:10:48 AM | 0 |
| POC-0000055 | threaded pipe | 10 | not started | 12/1/2015 | 12/1/2015 12:10:00 A | 0 |
| POC-0000056 | Piston Arm | 100 | not started | 1/27/2016 | 1/28/2016 1:20:05 PM | 1 |
| POC-0000057 | PCC - Sample Part | 100 | in work | 12/22/2015 | 12/22/2015 11:40:11 | 0 |
| POC-0000059 | Describe part here | 100 | not started | 12/19/2015 | 12/19/2015 12:10:00 | 0 |
| POC-0000060 | Applied Composite Job | 100 | not started | 12/11/2015 | 12/11/2015 10:40:06 | 0 |
| POC-0000061 | Strategic | 100 | in work | 11/2/2015 | 11/2/2015 1:50:33 PM | 0 |

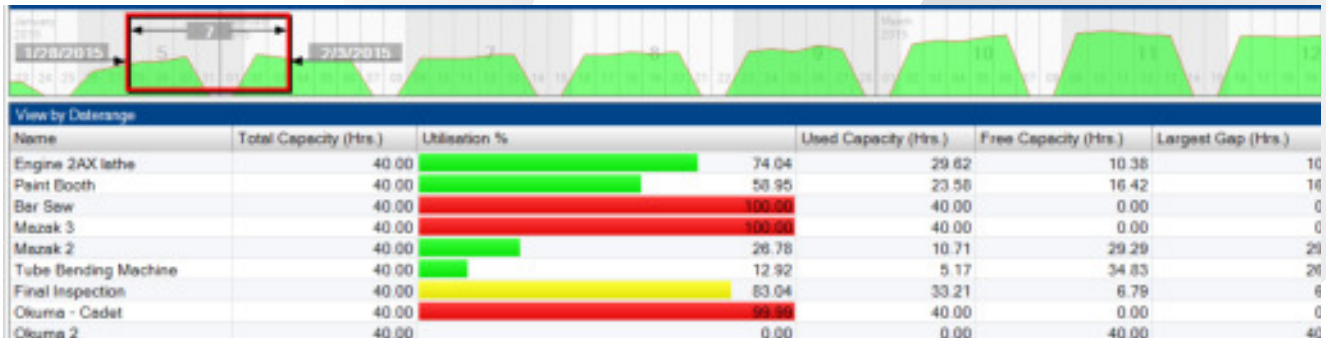
| Operations | | | | | | |
|-------------|--------------|-------------|---------------|-----------------|-------------------|---------------|
| Status | Work Order # | Workplace | Description | Setup-Time (H.) | Cycle-Time (Min.) | Planned Parts |
| Finished | 10 | Res Shop | PC to length | 1.00 | 5.00 | 100 |
| Interrupted | 20 | Okuma Lathe | Turn complete | 1.25 | 11.00 | 100 |
| not started | 30 | Hass VF-5 | Drill Holes | 1.50 | 7.00 | 100 |
| not started | 40 | Inspection | Inspect | 1.00 | 0.50 | 100 |

Work Order and Job Listing

- Displays all active jobs on one screen
- Work Order Number, Part Number, Quantity, Due Date, and Actual Calculated End Date
- Late deliveries are identified and rescheduling action can be taken

More JobPack Info

Job Scheduling Software is essential for knowing if deliveries will be on time. It takes all of your current jobs, along with capacity, and gives you the ability to see where your jobs are, and when they are going to be completed. The real-time scheduling module keeps operators on the shop floor up to date with what jobs to run next. Sudden downtime on machines is accounted for and schedules may be adjusted based on new machine capacity.



With a solid scheduling system in place, you'll be better equipped to update your customers on delivery dates and identify late deliveries before they happen, so you have time to do something about it. Displays of pre-order & estimated cost calculations, as well as actual costs incurred during manufacturing, are shown as they occur, as is data for groups or individual cells of machines.

JobPack also includes a unique feature to see work booked & scheduled jobs on any/all machinery for up to 365 days into the future.

To Review:

- Activated jobs appear on planning board instantly
- Display machine capacity for working & non-working days
- Color-coding status indicates factory floor workflow
- "What if" tests overall factory & delivery dates production
- Use stand-alone or integrate with existing ERP/MRP business systems
- Real-time queued jobs are displayed by work center set against shift pattern

The Future:

Imagine how much more efficient you can be by viewing booked and scheduled jobs on all machines for the next 365 days. With JobPack machine scheduling features, your schedulers and managers will know precisely when the work winds down and when capacity is available.

There's no more guesswork about when you can start a job or squeeze in a hot new job for a special customer. You can ensure real-time scheduling with pinpoint accuracy without confusion or conflict with other scheduled work.

Make sure all machines are working to full capacity. You can view machine loading by group or individual machine cells throughout the entire shop floor. JobPack will even give you suggestions on which alternate machines to utilize to get the job done.

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