



Data Sheet - MPS Workbench

The Master Production Scheduling Workbench utilises the EFACS E/8 MPS engine to provide a visual, interactive interface for the efficient and effective management of production.

The Master Production Schedule (MPS) provides a company-wide manufacturing plan for products, building-block components and families of products.

This is achieved by grouping demand from various sources, such as sales, customer schedules and sales forecasts, and comparing it with existing production, purchases and stock levels. A manufacturing plan is thus developed, which provides a common view of the planned build programme.

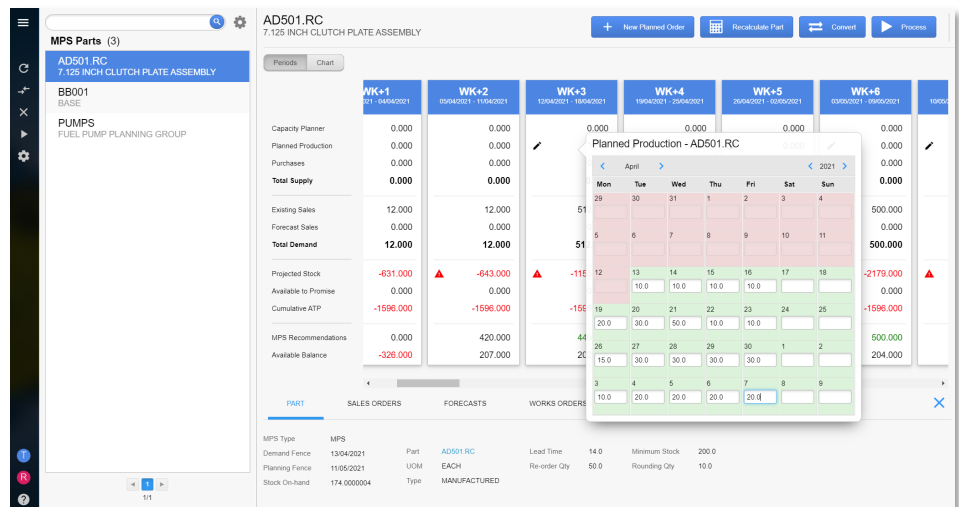
The schedule highlights areas where it may become out of synchronisation with current demand or supply and provides recommendations as to what actions are required.

The ability to run MPS at a building block level also makes this planning tool ideal for organisations that assemble-to-order from a smaller standard set of building block sub-assemblies.

MPS facilitates the use of Rough Cut Capacity Planning (RCCP) to assist with smoothing longer term demand and the business resources.

The MPS Workbench

The Master Production Scheduling Workbench builds on the power of the established EFACS E/8 MPS engine and connects your live transactional data with a production plan grouped by periods using a visual, interactive interface.



Users can manage their preferred view of period groups whilst displaying key information within one screen.

Once a user has calculated the MPS recommendations for their chosen parts they can perform the following actions against the currently selected part:

- Create new planned orders
- Recalculate MPS
- Convert MPS recommendations to planned production
- Edit / remove planned production
- Process planned production

Key Features

- Access the detail which constitutes the period summary by drilling-through into the corresponding application.
- Edit planned production, in-line with a pop-over calendar view.
- View the Available-To-Promise (ATP) position.
- Switch the ATP calculation so that it is based on finite capacity rather than manufacturing order due dates.
- View Projected stock levels by user-defined period.
- Ability to fine-tune the MPS plan before running an MRP II process.



EFACS E/8

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Sales order items

Calculate ATP date with results

Part: AD501.RC
Description: 7.125 INCH CLUTCH PLATE ASSEMBLY

Quantity: 50.000 EACH
Stock On-hand: 174.000 EACH

	PAST < 17/05/2021	WK 17/05/2021 - 23/05/2021	WK+1 24/05/2021 - 30/05/2021	WK+2 31/05/2021 - 06/06/2021	WK+3 07/06/2021 - 13/06/2021	WK+4 14/06/2021 - 20/06/2021	WK+5 21/06/2021 - 27/06/2021
Existing Production	805.000	1920.000	0.000	0.000	500.000	0.000	0.000
Planned Production	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Purchases	93.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Supply	898.000	1920.000	0.000	0.000	500.000	0.000	0.000
Existing Sales	357.000	304.000	0.000	0.000	500.000	0.000	0.000
Forecast Sales	25.000	0.000	0.000	0.000	0.000	0.000	0.000
Total Demand	382.000	304.000	0.000	0.000	500.000	0.000	0.000
Projected Stock	541.000	2331.000	2331.000	2331.000	2331.000	2331.000	2331.000
Available to Promise	541.000	1790.000	0.000	0.000	0.000	0.000	0.000
Cumulative ATP	541.000	2331.000	2331.000	2331.000	2331.000	2331.000	2331.000

Update Due Date Cancel

Business Benefits

- Synchronise supply with demand to reduce stock levels.
- Provide company-wide visibility of the plan for production.
- Balance production to reduce bottlenecks and maximise throughput.
- Achieve greater accuracy with Order Promising by providing more accurate lead time quotes.
- Effective prioritising can improve supply chain efficiencies.
- Accurate, up to date information improves decision making.

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