ASMPT enabling the digital world

WORKS Planning

Multiline production planning and setup optimization



Distribute orders optimally over your production lines and combine them into family setups: The WORKS Planning application from ASMPT's WORKS Software Suite enables even newcomers to the world of SMT production to schedule their production operations across multiple lines by combining ERP and line data.

WORKS Planning receives orders directly from the ERP system, schedules them according to their due dates, and assigns them to the available production lines based on their configurations. The intelligent application groups orders so that products with the same or similar component configurations are run directly following each other. This reduces the number of setups or even eliminates them.

Successful planning made quick and easy

Open Interface
Direct import of orders and material inventories, with export of the final results.

Optimized order assignment
WORKS Planning distributes orders automatically and optimally over all existing lines, thus preventing wait times or excess capacities.

Reduced setup effort
Orders involving similar components are grouped by production line and schedule to enable family setups on the same line.

Fewer transports
Components required for multiple successive production jobs remain in the setup preparation area.

All-in-one solution
Production operations for all lines are planned with a single tool.

Intuitive user interface
The application requires no technical expertise on the planner's part. The entire workflow is based on icons in a graphical user interface.

Reliable analytics
WORKS Planning delivers accurate statistics regarding existing capacities, thus enabling even newcomers to plan realistically.

Precise forecasts
With forecasts on a weekly, monthly and annual basis, resources can be planned and bottlenecks avoided more effectively.

Cooperates with WORKS Logistics
The transfer of planning data enables further refinements and adaptations to dynamic conditions on the factory floor.

Material Availability Check
Checking the lots for material completeness over a defined planning horizon enables long-term planning and optimizes setups more effectively.

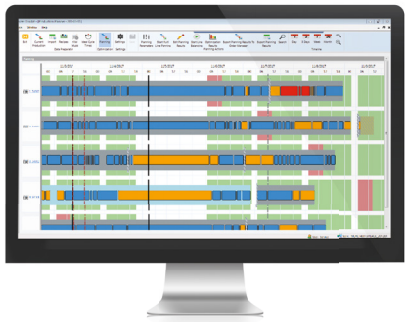
User-friendly planning solution across multiple lines

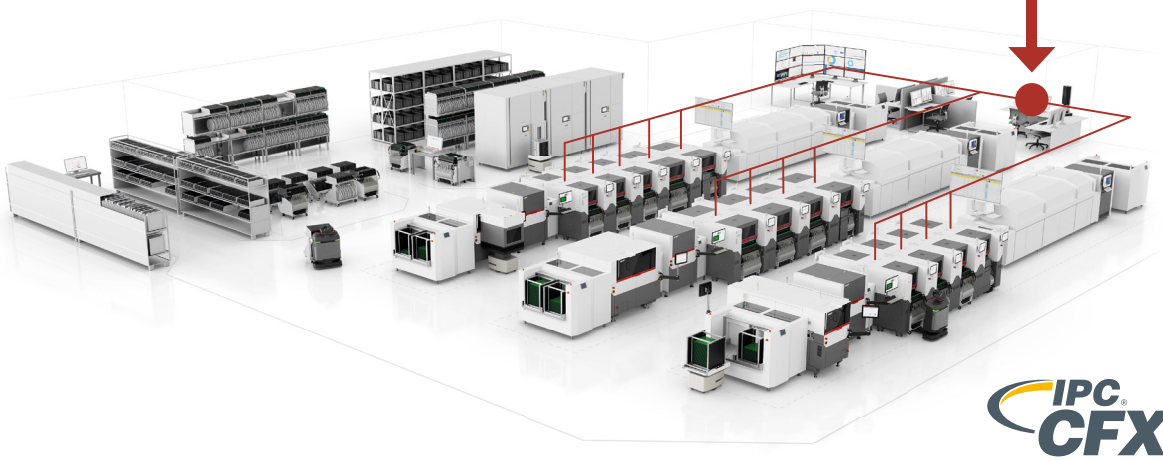
Production orders

Import production orders directly from your business software (e.g. ERP, SAP).

Production planning

Maximize the utilization of your SMT lines with automated, deadline-driven production planning.





Intelligent integration via IPC-2591 CFX

Your benefits at a glance

- Deadline-based and situation-oriented planning
- Optimized utilization of existing production facilities
- Effort-reducing family setups
- Significant less material travel
- Steep learning curve, also for newcomers
- Free configuration of line and process specifications
- Cooperates with WORKS Logistics
- Consideration of all plannable downtimes
- Scheduling of NPI processes
- Automatic analysis of component communalities
- Choice of various setup and line concepts
- Real-time-based planning results
- Material Availability Check
- Open interface for automatic data transfer

More about WORKS Planning

ASMPT

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