

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 takes orders from the ERP system based on their deadlines and assigns them to your existing lines in accordance with 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



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 are combined in terms of scheduling and locations in such a way that products with the same or similar components can be run one after the other in family setups on the same line.



Fewer transports

Component overlaps between subsequent production jobs are taken into account more effectively. Components that are needed for multiple products remain in the setup preparation area.



Integrative scheduling

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.

User-friendly planning concept across multiple lines

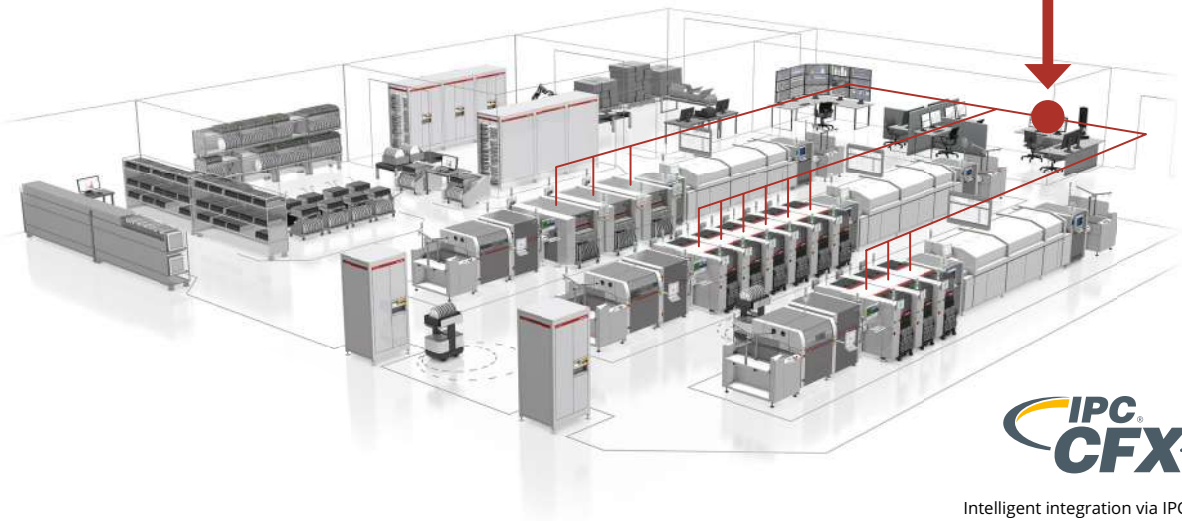


Production orders

Import production orders directly from your ERP system.

Production planning

Deadline-oriented SMT production planning. Prioritizes and assigns products over all available lines with automatic cluster formation and setup optimization.



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

More about
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