PC-Topp.Net
The expert system for Production Scheduling and Control

30 years of development, along with the combined experience of over 200 international plants, is the quality guarantee that stands behind PC-TOPP. This comprehensive solution integrates scheduling with the company’s main information system.

“During the period between January and May 2003 a survey was conducted analysing Bellusco plant’s Pc-Topp data and compared it with the same period in 2002. The results were very encouraging. TRIM: our trim ratio was already excellent, with PC-Topp.Net there was a further improvement of 5.7% CARDBOARD CONVERSION WAITING INDEX: reduced by 35% THROUGHPUT (plant daily cardboard flow): increased by 5.8%.”


PC-Topp, the scheduling expert solution, is easy to install. It can also be incorporated into any pre-existing system and tailored to meet specific requirements.

**DESCRIPTION**

Automatic Optimisation provides excellent results in no time, while Interactive Planning allows for the planner to create/re-elaborate ideas.

Planners become more efficient thanks to PC-Topp’s specific capacity to recognize requirements such as: one, two or three cut-off knives, size reductions, composition changes, scoring limitations, tear tapes, cutter-creaser limits, reverse score.

**Conversion Planning**

Scheduled program changes take place in an interactive manner. This means the planner may effortlessly interact with the system and make all the necessary modifications related to urgent orders and/or production problems.

**Modern Planning**

Modern Pull Planning has many advantages over traditional methods: rather than “pushing” from the corrugator to the conversion area, the planner can start with a refined conversion machine program for the day (and beyond), and “pull” exactly the required orders from the corrugator.

PC-Topp helps him to create a lean corrugator schedule, with no adverse affects on corrugated production. This modern approach can drastically reduce work-in-progress and increases the ability to react flexibly to last-minute orders, and makes the order progress transparent at a much earlier stage.
Classic Planning
The planner can use PC-Topp to create a well thought out corrugated program, and then line up the orders for production on the conversion machines in the best possible sequence. PC-Topp then tells him which orders will be available for shipping (at what time), and even allows him to group these orders into truckloads.

Direct corrugator link
On-line production monitor; transfer schedules to the machine, upload of production data in real time. Available for corrugators from all major manufacturers, such as: BHS, Goepfert, Marquip, Mitsubishi and Simon, among others.

Direct conversion link
The Pc-Topp Machine Terminal displays up-to-date schedules and order details at each machine. Linked to the machine counter, it watches productions and detects and records all events such as breakdowns, setups or shift changes. In case of manual data collection, the onboard crew can insert production data on a user friendly screen.

Real time work order processing
PC-Topp is the ideal system for obtaining reliable information regarding work order status. PC-Topp provides sales staff easy access and reliable information.

Seamless pre-existing systems synergy
PC-Topp manages an independent job order file, while constantly updating frequent job order transfers. The pre-existing management system can obtain in real time: corrugators planning and transformation, work order status, production data. With this highly efficient system accurate information is readily available upon request.

Pallet label printing
Shipping labels as well as internal tags can be fully personalized and printed in a variety of ways, including customized logos and complex bar-codes. Laser printing ensures quality results in A4 or A3 size pages.

BENEFITS
- Enable customers to check work order status on-line.
- Permit sales staff to consult order scheduling and machine production capability.
- Allow management to easily access production data and actual production details from any location.
- Make it possible for the planner to resolve difficult situations and emergencies from home.

Example of semi-finished goods management

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