Prinect
Signa Station Packaging Pro

HEIDELBERG

The quickest way to the optimum print sheet in packaging printing
Prinect® Signa Station Packaging Pro brings the benefits of Prinect Signa Station® – one of the world's leading software solutions for impositioning and sheet assembly – to packaging printers. Easily understandable tools, visual control for all operations, efficient functions for packaging printing, and optimum calculation for gang forms – all are part and parcel of this exceptional program. Since all functions are performed under visual control, the system is extremely straightforward to use and delivers outstanding reliability.

Faster in production • Prinect Signa Station Packaging Pro creates the ideal basis for achieving faster throughput times and boosting efficiency throughout the entire process. Makeready times in printing and finishing are significantly reduced. Prinect Signa Station Packaging Pro imports data on the customer, layout, formats and much more from the job costing process. What's more, it also provides presetting data for press and postpress operations in PPF and JDF format. Complete forms can be prepared for output. Data can be imported into Prinect Signa Station Packaging Pro whatever its source. Many formats such as CFF2, DXF, EPS, PDF, AI, and DDES are supported. Import filters are used to convert the data into user-specific Prinect Signa Station Packaging Pro formatting, which ensures it has the right characteristics from the outset (e. g. die cutting, crease, or fold lines).

More reliable production with automatic error detection
Prinect Signa Station Packaging Pro incorporates a range of automatic features for correcting errors in CAD data, for example closing gaps between connecting lines etc. Line characteristics can be changed and superfluous elements can be deleted. Single blanks can be identified and created from unstructured sheet layouts quickly and easily.

## Sheet optimization for folding cartons and labels

Prinect Signa Station Packaging Pro conveniently and easily creates a sheet layout from single blanks. Blanks can be arranged in the most efficient way possible with or without double knife and rotation. Gang forms can also be created with different blanks and individual parts. The integrated Sheet Optimizer identifies the optimum print sheet assignment for different blanks and run lengths.

CAD data can be sent to die makers in a wide range of formats.
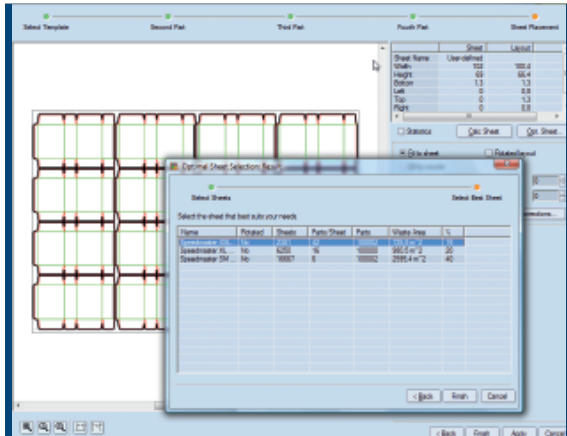
Comparing several sheet formats according to run lengths and waste areas enables users to select the most cost-effective format.

Rapid definition of print-free zones • The clipping path is used to define the area to be printed quickly and easily. If the bleed of two cartons overlaps on the sheet, these conflicts are highlighted and can be resolved automatically or interactively. With the interactive solution the user decides which blank is given precedence or where the cut should be made based on the relevant motif.
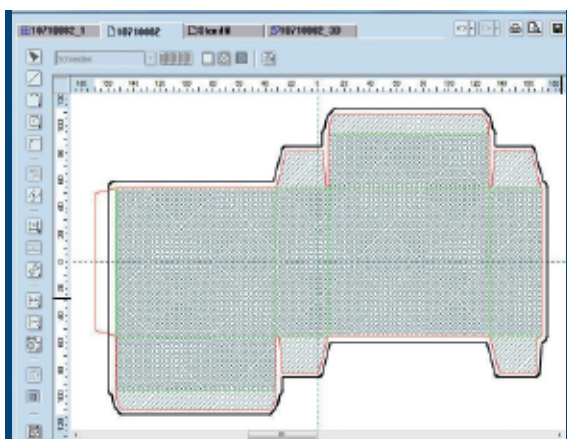
The clipping path determines where ink and coating are to be applied. The adhesive flap has been trimmed in the figure above to improve bonding strength.

Cost-effective consultation with the customer

Each blank can be shown three-dimensionally on the monitor, with or without graphics data. The depicted carton can be rotated, turned over, opened, and closed. This interactive three dimensional PDF can be sent to the customer for checking and approval and can be opened with Acrobat Reader.
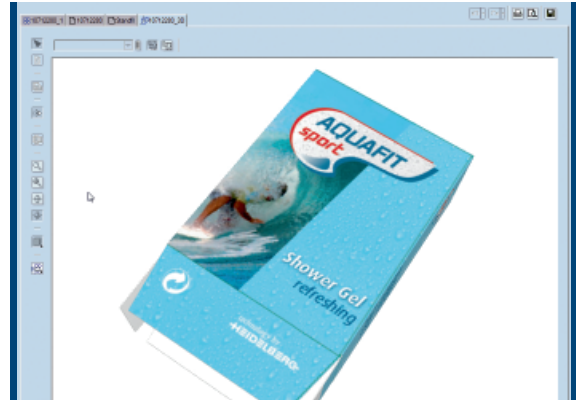
An interactive soft proof often helps prevent the costly and time-consuming process of producing samples.

Straightforward mark generation • The mark editor can be used to generate customized control marks and barcodes. A whole range of standard marks can be positioned on the sheet using drag & drop. Marks from the CAD data can also be used. Combi-marks (print control strips) automatically adapt to the colors in the print job.

Precise presetting data for folder-gluers

The type, fold layout, and dimensions of the carton can be incorporated into the JDF with Prinect Signa Station Packaging Pro. These data then enable automatic presetting on folder-gluers such as the Diana X or Diana Pro. This not only cuts makeready times but, more importantly, prevents errors and inaccuracies. Data can also be provided as a printout. When processing complex cartons, an interactive PDF of the fold sequences can also be sent to the folder-gluer operator, so that he or she knows exactly what the carton should look like when completed. This also saves time and minimizes waste.

The benefits at a glance:

- Very fast and efficient sheetlayout creation with all marks and control elements
- Fast, cost-effective control and coordination with customers thanks to three-dimensial soft proofs
- Short press and postpress makeready times thanks to JDF data transfer
- Rapid error detection and resolution in die cutter thanks to numbering of blanks and waste areas