



Product Information Prinect Production Packaging 2021



June 2020

Dear Prinect User

The Prinect Team at Heidelberger Druckmaschinen AG is pleased to announce the availability of the new Prinect Version 2021 and to provide you with an overview of the key innovations.

All Prinect feature improvements described in the Product Information Commercial are also available for packaging printers. With this Product Information we will give you a general overview of the new functions in Prinect 2020 specifically relevant for packaging printers.

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Revision history:

2020-07-21 – first version in Easy Sales Portal/Newsroom – C. Willrodt, M. Wosche

2021-01-06 – changed footer (ci) – W. Stoltenberg

CAD

This chapter offers an overview of the most interesting new features of Prinect Package Designer in version 2021. For more detailed information regarding Prinect Package Designer in general please refer to the corresponding [Product Information for Prinect Package Designer](#) available in the Prinect Newsroom.

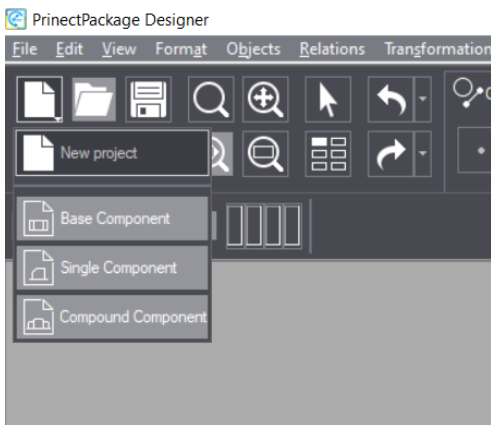
1 Integrated Synergy

Synergy is an option for Prinect Package Designer for a very long time. It allows users to create their own resizable components and designs which are stored in a customizable library. Until now it was necessary to create the resizable components and designs in the Synergy application separately from Prinect Package Designer. I.e. the operator was jumping from one application to the other – that is not what we call convenient.

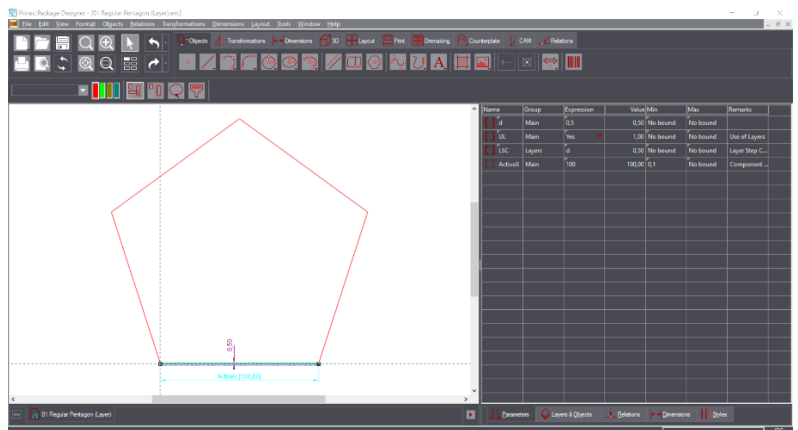
Therefore, Heidelberg is now introducing the integration of Synergy into Prinect Package Designer. All features for drafting and creating resizable parts are blended into one application. It is unique in the CAD market to be able to create drafts and resizable parts in one single application.

When using Synergy in Prinect Package Designer the UI will change to a redish color so that the operator can easily identify which application is in use.

For those already using the Synergy option not much has changed. On the desktop both icons – for Prinect Package Designer and Synergy - are still available . The operator is free to start Synergy via the icon on the desktop or out of Prinect Package Designer.



Synergy in Prinect Package Designer



User Interface of integrated Synergy (redish icons)

2 Background image for .html 3D models

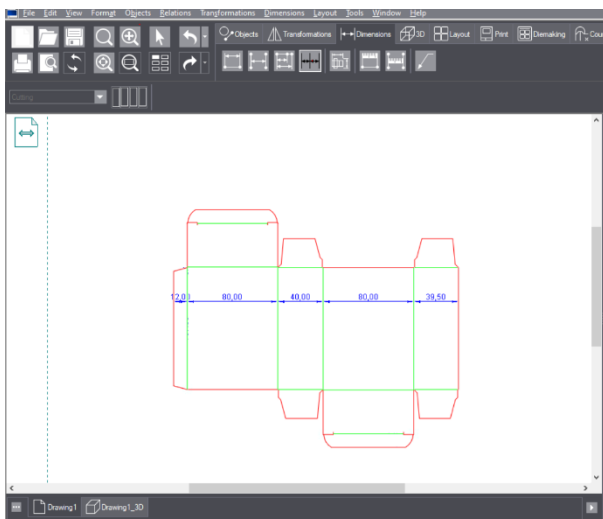
For quite some time Prinect Package Designer offers the animated 3D model including simulation of finishing effects such as varnishes, metallic foils, embossing etc. For the export of .html file it is now possible to customize the background with an image. This gives the model a more state of the art impression.



3D model with a background image displayed in a standard browser

3 New tool for dimensions

Up to now dimensions were added to a drawing one after the other. This was a lot of unnecessary clicking. So, to speed up the process and increase the usability of the Prinect Package Designer a new measuring tool was created. It allows the operator to add the entire dimensions of all panels of the design with just one click of the mouse. This can be done either in vertical or horizontal direction. The example below illustrates the new tool.



New dimension tool in action for all dimension in horizontal direction

4 Show hidden objects mode

When creating new designs, it's in some cases necessary to hide unused lines or parts. If later changes are to be applied, it was quite a hurdle to figure out all lines and parts. With version 2021 this becomes much easier: Sophisticated tools have been implemented that support the operator identifying hidden objects precisely.

Integration

5 Die-cutter Integration of Masterwork Machinery

The company Masterwork offers equipment for mainly packaging printers. In order to support the close co-operation with Heidelberg we are on the way to qualify the integration of their die-cutting devices. The integration depth will certainly be closely dependent on the type and version of the individual machine. Next to the well-known manual shop floor data collection via Data Terminal (with or without counter box), we will offer a connection via Generic Postpress Interface.

The design of a license for the Generic Postpress Interface is comparable to the license for Instant Gate of a Speedmaster press or Stahlfolder, i.e. a license is required for each machine connection. The license functions include:

- JDF/JMF interface to the machine / system (for transferring job and presetting data as well as feedback on production data such as machine status, counter readings or speed information)
- Dedicated Data Terminal on a separate PC (for capturing employee messages, the display and processing of the job list, manual production data and material messages, printing of pallet labels)

Pre-requisites for an integration project are at least:

- Prinect Postpress Manager within one of the following scenarios:
 - Full integration of Prepress, Pressroom and Postpress Manager with or without MIS
 - Integration of Pressroom and Postpress Manager with MIS connection
- Masterwork device with corresponding integration possibilities

6 Supporting Cut Star

In the past the Cut Star device of a printing press was set manually. The press operator had to switch the Cut Star on or off according the substrate used for the next job. As of Prinect 2021 the specification of substrates gets enhanced by further parameters. Thus, substrates can include the information if they are paper or foil and furthermore available on pile or on roll.

The extended specification is then transferred to Prinect Press Center and will get used for automatic Cut Star presetting as of Press Center software version later this year.

Miscellaneous

7 Support of GS1 code - extended packaging

The need to provide more information about a product to consumers is growing. Therefore, barcodes like e.g. the GS1 QR-Code were created. This code provides extended product information such as origin or allergic content. For this so-called Extended Packaging the barcode encrypts additionally a web address and the GTIN article number.

With version 2021 Prinect supports this special code.

8 Spot varnish and full varnish – new concept

For quite some time there was the wish to use varnish plates for more than just one job. I.e. product families just differ in the article but not in the graphical design. So it would make perfectly sense to use just one varnish plate for this family. With version P2021 Prinect supports this handling by introducing a plate ID for varnish plates. By that they can be identified in stock and be applied to the specific jobs.

This is a huge help especially for packaging printers where varnishing is a very popular finishing effect.

For more details please check the [Product Information Prinect Production Commercial 2021](#).

9 Setting for automarks moved from preferences to resources

One of the changes in Prinect Signa Station is that the settings for automarks were moved from preferences to resources allowing the operator to have more flexibility to adjust marks in a job. For more details to this feature please check the [Product Information Prinect Production Commercial 2021](#).

10 Project offer: Gang automation considering postpress requirements (segmented ganging)

In the [Product Information Prinect Production Commercial 2021](#) is a chapter that shows a project offer to enhance the workflow automatization of industrialized customers. These features are available for commercial printers up to now but can be discussed to be extended to packaging and label functionality for individual customers on project base.