

## Plantlist



*Did you know that besides our extensive knowledge of printing and packaging, ...that we produce high quality saddle-stitched or perfect-bound brochures as well as hardcover books and albums, using unique surface treatment procedures and cutting-edge finishing technology?*

*...that our packaging material manufacturing department provides comprehensive services from design to execution and nearly all work processes are carried out in our print shop?*



## Printing equipment

### **HEIDELBERG SPEEDMASTER XL 106-8-P+L (2014)**

8/0 or 4/4 colours; printing 0.05mm – 0.8mm or two-side cardboard printing up to 0.8mm  
Maximum sheet size: B1 (750x1060mm)  
Speed: 15,000 sheets/hour  
Color control: Inpress control

### **HEIDELBERG SPEEDMASTER CD 102-6 + L (2010)**

6/0; coating; cardboard printing up to 1 mm  
Maximum sheet size: B1 (720x1040 mm)  
Speed: 15,000 sheets/hour  
Color control: Image Control

### **HEIDELBERG SPEEDMASTER XL 75-8-P-C (2011)**

8/0 or 4/4 colors; printing 0.05mm – 0.8mm or two-side cardboard printing up to 0.8mm  
Maximum sheet size: B2 (530 x 750 mm)  
Speed: 15,000 sheets/hour  
Color control: Inpress control

### **HEIDELBERG SPEEDMASTER SM 52-8-P5-H (2006)**

8/0 or 4/4 color  
Maximum sheet size: B3 (370 x 520 mm)  
Speed: 15,000 sheets/hour

### **HEIDELBERG SPEEDMASTER XL75-6 + LYYL UV (2011)**

6/0; double coating; UV; Cold foil  
Maximum sheet size: B2 (530 x 750 mm)  
Speed: 15,000 sheets/hour  
Color control: Image Control

### **HEIDELBERG SPEEDMASTER SM 52-6 + L UV (2011)**

6/0; coating; UV  
Maximum sheet size: B3 (370 x 520 mm)  
Speed: 15,000 sheets/hour  
Color control: Axis Control



## Finishing and Box Production equipment

Almost all binding and finishing of our printed products is carried out by us. Our finishing equipment was developed with the purpose of providing the widest possible range of choices for efficient and precise execution of printing tasks, from the most simple to the most difficult.

### Available technologies:

#### **Folding**

5 pieces of Heidelberg Stahlfolder plate and combination folders with functions for gate folding and 6/6 folding.

#### **Saddle stitching**

2 pieces of Heidelberg ST saddle stitching machines as well as Duplo 4000 and 5000 collator booklet makers, even in several productions. We produce omega-stitched and unusually small products as well.

#### **Foil Lamination**

With the application of matte, glossy and special foil up to B1 size.

#### **Perfect binding**

Using a Eurobind 4000 16 unit PUR glue binder with a minimum of 2 mm and a maximum of 60 mm spine thickness. Minimum print size: 100×140 mm, maximum size: 320×450 mm. Machine fitted with an online three-bladed cutter and output system.

## Box gluing and tray making

Our package production department uses top of the line die cutters, box gluers, tray makers and window patching machines to ensure the efficiency and quality of production in both small and large amounts.

#### **Die cutting**

Bobst Expertcut 106 and three Heidelberg die cutters, with waste removal, automatic punching unit and sheet control system up to size B1. Embossing inline with die cutting, using the stamp embedded into the tool.

#### **Box window patching**

It is carried out with a Heiber+Schröder window patcher equipped with a special „pick and place“ function, unique in Hungary. It is suitable for patching size-cut window foils or die-cuts bending over several sides, with perfect precision.

#### **Box gluing**

Bobst Expertfold and Heidelberg folder-glue for one, three, four and six point gluing, four-line Braille embossing of finished boxes up to a paper thickness of 170 gsm, inline with box gluing.

#### **Tray making**

Heiber+Schröder CE 1000 tray formers and glue for two, four, six and eight point gluing of different vegetable and fruit trays and fast food boxes.



## Manual binding and unique solutions

We offer special manual work processes which cannot be executed by mechanical solutions. Manual binding may be used as additional solutions to automated binding or for the production of unique products where every single item requires extra care and precision.

### Typical workflows:

- special and manual folding
- gluing and assembly of folders with flaps and folders with elastic bands
- inserting flyers into publications
- gluing inserts and CD holders
- labeling
- manual saddle stitching
- spiral binding and stacking of publications
- scoring, manual perforation
- envelope filling
- corner rounding of printed products
- 3-8 mm diameter perforation of printed sheets
- production of paper bags with cord or band handle
- production of paper mounted gift boxes
- manual production of unique shape boxes
- gluing and band lacing of accessories (strass or ribbon) on publications and packaging

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