Solutions overview
Your personal guide with exhibition overview

Visit us in Hall 8a,
Stand C20
High-performance variable-format book production


Processing a paper web up to 30 inches wide into 4, 6, and 8-page signatures in the PF7 Double Plow Folder, with sheet count / page number alternating rapidly from one book to the next. The CS6-HS high-performance cutting module and simple SD7 star wheel delivery for non-stop production at up-to 200 m/min. Downstream processing is easy and error-free due to the integrated book block gluing.

Dynamic Book Destacker

The world’s first solution for inline production of perfect-bound books of various formats and number of pages in an end-to-end process, from a roll to the bound and cut end-product. Hunkeler’s new BD7 Book Destacker bridges the gap in the production of books with variable formats and number of pages. It is now possible to automatically de-stack book blocks of variable format and thickness.

Newspaper and booklet production with fully automatic changeover

Format flexibility: produce on-demand newspapers in tabloid and broadsheet formats with several nested sections of variable numbers of sheets. Broadsheet newspapers up to 140 pages. Dynamic gluing in the spine of the books can be performed to collate the product into thematic sections. It’s also possible to mix production of broadsheet and tabloid newspapers, with fully automatic line changeover while production is in progress.

“Booklet” application with safety features

Booklet production with safety features in an updated HL6 laser module. New economic laser head technology with 350-watt output. Dynamic punching and perforating with individual templates. Interpreting native vector data. Production at a web speed of up to 150 m/min, in 1-up or 2-up mode. Intuitive operation via the Hunkeler laser editor for easy processing and administration of the punching and perforating templates.
Premium quality direct mail production with the latest generation of machines

Producing first-class, four-color printed mailings even on coated paper from the roll to the cut and folded end-product. Dynamic punching, vertical and cross perforation is performed in the DP8-II-P punching and perforation module. The double cross-cutting cylinder in the CS8 cutting module produces full-bleed documents. The cross-cutting cylinder in the CS8 can be equipped either with two knives for variable chip-out, or with one cutting knife and one perforating blade to produce dynamic folding perforations.

The integrated WI8 Web Inspection System based on the latest high-speed CIS technology for high-end quality and integrity control.

Streamed live at Drupa: Hunkeler Remote Assist

Worldwide support via Remote Assist. With customer authorization, Hunkeler service technicians can remotely access machine control systems for efficient support on all questions relating to system operation. Fast, cost-effective trouble-shooting without the need for on-site technicians. Guaranteed compliance with the highest data protection and data security standards.

Web Inspection, Control & Tracking and Site Manager

Total solution for planning, controlling and monitoring processes on digital production lines, from Web Inspection and Control & Tracking to central monitoring of decentralized production. User-specific solutions are possible thanks to the modular design.

Web Inspection System: Monitors each individual page while production is in progress, down to the smallest details.

Control & Tracking: Checks page order while taking into account contents on both the front and back pages. Follows the production process, checks individual jobs for completeness and, if necessary, can automatically trigger reprints of any missing documents.

Imposition workflow automation in partnership with Ultimate

Ultimate and Hunkeler have jointly developed this dynamic page layout and automatic variable impositioning and mark placement tool that will fit into your PDF production workflow seamlessly. Jobs are correctly imposed for the intended finishing solution, and register marks, quality control elements and data matrix codes are automatically positioned to control finishing production.
**Brochures with dynamically alternating numbers of pages**
Brochures with dynamically varying numbers of pages are produced with the Presto II Digital saddle stitcher from Müller Martini. Printed paper web is fed using a UW6 unwind module. Subsequent the web is cross-cut in sheets with variable length cuts in a CS6-HS cutting module thanks to the new DynaCut function.

**BD7 Dynamic Book Destacker**
The world’s first solution for inline production of perfect-bound books of various formats and number of pages in an end-to-end process, from a roll to the bound and cut end-product. The dynamic book destacker is interfaced to the Müller Martini Vareo perfect binder for the inline perfect binding process.

**Waste evacuation systems**
Versatile and modular central waste evacuation solution with innovative energy management. The system is connected with multiple collection points throughout the hall. On display are also the different HKU Hunkeler Compact suction Unit’s and the paper web de-dusting unit PEM.

**Inline production from the roll to stack**
Production line for POD, transactional and transpromo applications with loose leaf stack production. Inline system with Océ Colorstream and pre- and post-finishing by Hunkeler.

**UW6 unwind module for high speed inserter**
Hunkeler’s proven unwind technology is feeding a high-speed inserting line. The unwind features straightforward operation and dependable high-performance during demanding continuous operation.
**Partner Solutions**

**Horizon**  
**Stand 6 D05**

**From the roll to brochures**
Brochures are produced inline from a roll on the Horizon StitchLiner 6000 Digital. The Hunkeler UW6 unwinds the paper web into the CS6-I cross-cutter, which sheets to the desired length. Output up to 6,000 brochures per hour.

**Roll-to-cut into Book Solution**
Variable-format books are perfect bound and 3-knife trimmed in the Horizon Smart Binding System. The Hunkeler UW6 unwinds the paper web into the CS6-HS cross-cut module. The new DynaCut function permits variable cutting lengths for variable page-count folded signatures.

**Canon**  
**Stand 8a B50**

**Dynamic punching and perforation for Transpromo**
Full-color mailings will be printed on the roll-fed Océ Colorstream, with in-line conversion to 2-up stacked output or folded sheets. The DP8 module performs dynamic hole and form punching as well as cross and vertical perforations. The space-saving integrated Web Inspection system employs compact Contact Image Sensor technology for content, quality and integrity control.

**Digitally printed magazines with saddle stitching.**
A specialist magazine will be produced on the Presto II Digital saddle stitcher. Printed paper web fed using a UW6 unwind module. Subsequent cross-cutting in a high-performance CS6-HS cutting module.

**RICOH**  
**Stand 8a B46**

**Combi-line for roll-to-roll and roll-to-stack production**
Full-color mailings will be printed on the roll-fed Ricoh Pro VC60000 inkjet printing system. The Hunkeler Combi system permits roll-to-roll or roll-to-stack production in 2-up and 3-up mode.
**Partner Solutions**

**SCREEN**

**Stand 8a C11**

**Combi-line for roll-to-roll and booklet production**

The Screen Truepress Jet520 HD will inkjet print in full-color. The Hunkeler combi-line will support roll-to-roll production from the UW6 unwinder to the RW6 rewinder, or in-line production of variable sheet-count booklets.

**xerox**

**Stand 8b A62**

**Combi-line for book block and POD applications**

The Impika eVolution will print a variety of book block and POD applications in full-color. The Hunkeler combi-line will support high speed roll-to-roll production (250 m/min), or roll-to-stack production. The DP8 module will perform dynamic form/hole punching and vertical/cross-perforating. Book blocks will be produced 2-up with full-bleed trim.

**xerox**

**Stand 8b A62**

**Brochure production with variable formats and numbers of pages**

Brochures are being produced on a Presto II Digital saddle stitcher from Müller Martini. Printed paper web fed by a UW6 unwind module and cross-cut in a high-performance CS6-HS module. Variable-format end products are possible thanks to the DynaCut function.

**Stand 14 B15**

**Photo book production line fed by the UW6 unwind module**

High-end photo book printing system fed by the Hunkeler UW6 unwind module.

**Stand 16 B46**

**From roll to threadsewn books**

The Meccanotecnica Universe Sewing machine will be producing thread-sewn book blocks. The Hunkeler UW6 unwinds the web into the CS6 cutting module. Sheets are then dynamically collated into 8-32-page signatures, followed by thread binding.
Partner Solutions

Stand 17 A01

**Roll-to-Roll production**
Efficient roll-to-roll configuration inline with the HP T-200 Series press. Nearline finishing on the Hunkeler roll-to cut/stack line for highly flexible output production.

Stand 17 A01

**Roll-to-cut/stack finishing**
Production line for mailings and POD applications from the roll to stacked output. A choice of 1-up, 2-up, or 3-up full bleed production is possible.

Stand 17 A01

**WL6 ensures quality with 42-inch-wide web width**
The WL6 Web Inspection system ensures error-free print quality on the HP PageWide Web Press T-400 Series. Data integrity and the printed image are continuously monitored on a 42-inch-wide web at a speed of up to 240 m/min.

Overview

[Map of Hall 14-17 with Stand 17 A01 located in the center.]
The 2017 Print Industry Event

The event for trendsetters and technology leaders who will influence and set the pace for the next stage of industry innovation. Groundbreaking innovations and exclusive world premieres in high performance digital printing await you in the heart of Switzerland at the Hunkeler Innovationdays in Lucerne. Take the time to meet with current and new colleagues and leaders, share best practices and discover innovative ideas and solutions in a unique atmosphere!

Over 40 solutions will be exhibited in two exhibition halls. As always, Innovationdays focuses on practical issues. Experience the high efficiency of end-to-end workflows over the entire value creation chain – from software to finished products, from idea to solution. Inline, nearline or offline – with tried and proven digital printing, or mapping the transition from conventional printing environments.

The event for user, manufacturers and specialists. The Innovationdays event slogan “Reaching the summit together” refers to the convergence of important customers, technology and world-wide experts in Lucerne. We are very excited to present you with the broadest, state-of-the-art product portfolio for the digital printing sector, and we look forward to your visit in Lucerne!