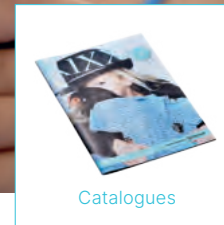


Hardcover books



Softcover books



Catalogues

# Publishing

Books, catalogues and magazines with variable page count and changing formats, from short-runs to single editions: Hunkeler develops Book-on-Demand solutions in all performance categories, from high-quality illustrated books to budget binding.

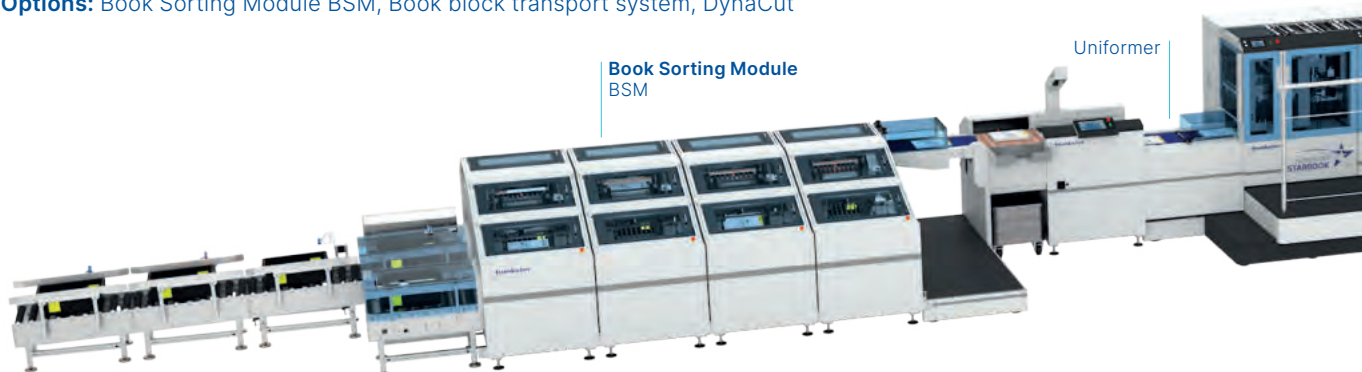
## New Starbook Plowfolder book solution with Book Sorting Module BSM

The new highly automated Hunkeler Starbook Plowfolder book solution allows for highly economical production of digitally printed books from Book of one. Format flexibility for every run length is assured by fully variable page count and variable book spine lengths from book-to-book and semi-automatic changeover of different folding patterns in about 3 minutes. Excellent book block quality with perfectly straight, square, and flat book blocks make it the ultimate solution for softcover and hardcover book manufacturing. Ease of operation, low maintenance, media flexibility, and the ability to deliver single book blocks at a rate of up to 2 000 deliveries (stacks or single books) per hour in perfect FIFO sequence (First In – First Out) makes it the star of the Hunkeler book solution portfolio.

The new Book Sorting Module BSM from the Smart Logistics Solutions brand is featured on page 24 in this brochure.

<b>Productivity</b>	max. 2000 stacks/h
<b>Speed</b>	100 – 820 ft/min
<b>Web width</b>	8" – 30"
<b>Paper weight</b>	
4-page signatures	60 – 140 gsm
6-page signatures	60 – 120 gsm
8-page signatures	60 – 120 gsm
<b>Stack height</b>	max. 4"
<b>Signature length</b>	5" – 13"
<b>Signature width</b>	4.3" – 12"

**Options:** Book Sorting Module BSM, Book block transport system, DynaCut



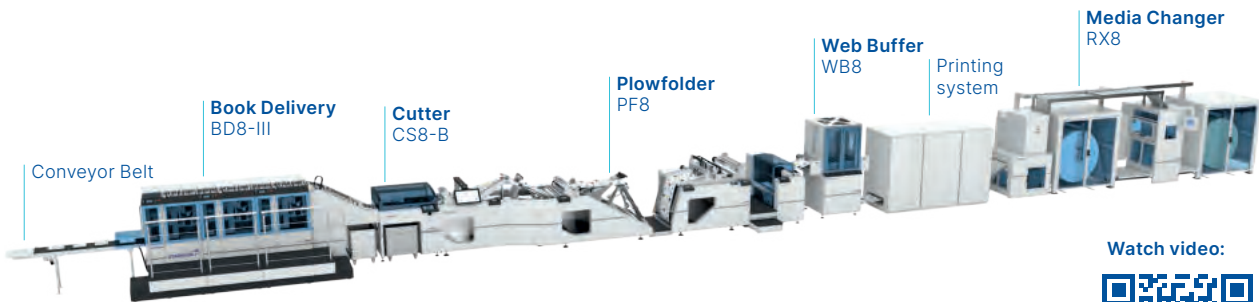


## New Starbook Plowfolder book solution with Media Changer RX8

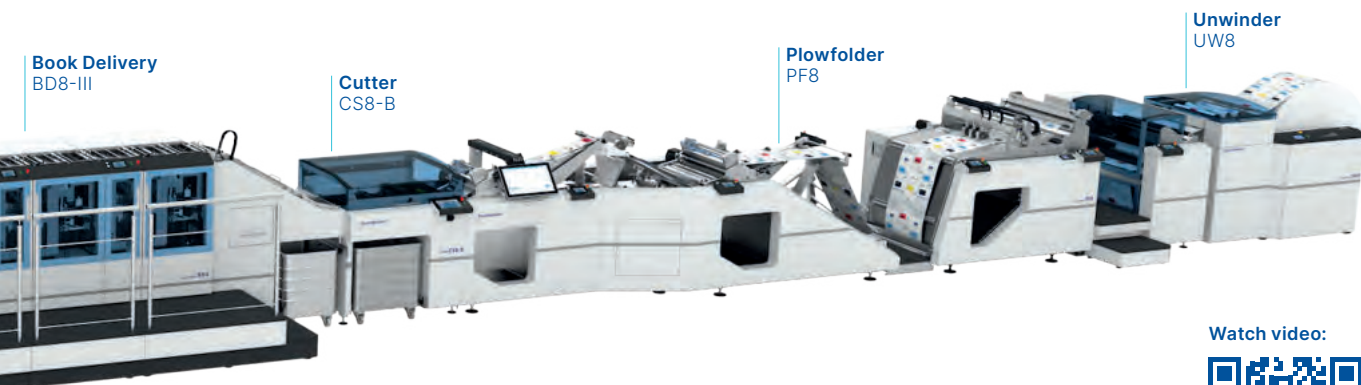
The Starbook Plowfolder produces pre-glued book blocks for soft-cover and hardcover books for further processing in perfect binders based on 4-, 6- or 8-page signatures. With the Media Changer RX8 for automatic roll splicing, we are introducing our latest solution in our unwinder series. In addition to the conventional nonstop feeding of papers of one quality, the RX8 can also be used for printer-controlled selection between two different papers. This new solution allows the nonstop batch production of books with different paper.

**Options:** Book Sorting Module BSM, Book block transport system, DynaCut

<b>Productivity</b>	max. 2000 stacks/h
<b>Speed</b>	100 – 820 ft/min
<b>Web width</b>	8 – 30"
<b>Paper weight</b>	
4-page signatures	60 – 140 gsm
6-page signatures	60 – 120 gsm
8-page signatures	60 – 120 gsm
<b>Stack height</b>	max. 4"
<b>Signature length</b>	5" – 13"
<b>Signature width</b>	4.3" – 12"



Watch video:



Watch video:



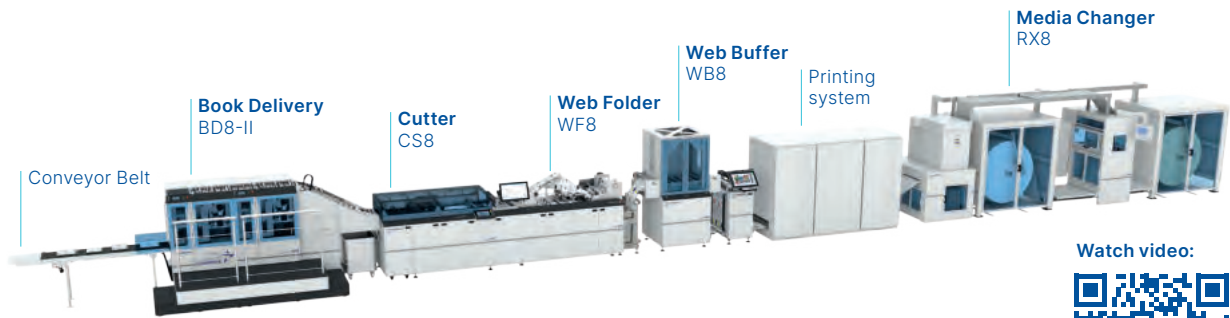
## New Starbook Webfolder book solution with Media Changer RX8

The new Hunkeler Starbook Webfolder book solution is perfectly suited for softcover or hardcover book blocks and catalogues based on 4-page signatures. Fully variable page count and variable book spine lengths from book-to-book and an economical price tag make it the second star in the Hunkeler book solutions portfolio. The modular Book Delivery BD8 guarantees an excellent book block quality with perfectly straight, square and flat book blocks and a performance of up to 2 000 stacks per hour in FIFO sequence (First In – First Out).

The system is fed by the Media Changer RX8 that allows printer supported media roll changes with automatic roll splicing of different papers on-the-fly.

**Options:** Book Sorting Module BSM, Book block transport system, DynaCut

<b>Productivity</b>	max. 2000 stacks/h
<b>Speed</b>	100 – 590 ft/min
<b>Web width</b>	8" – 22.5"
<b>Paper weight</b>	4-page signatures 60 – 130 gsm
<b>Stack height</b>	max. 4"
<b>Signature length</b>	5" – 13"
<b>Signature width</b>	4.3" – 12"



Watch video:



### Advantages of Hunkeler book solutions

- ✓ Broad book solution portfolio for various needs
- ✓ Excellent book block quality for hardcover and softcover books
- ✓ High single book output in FIFO sequence for inline finishing



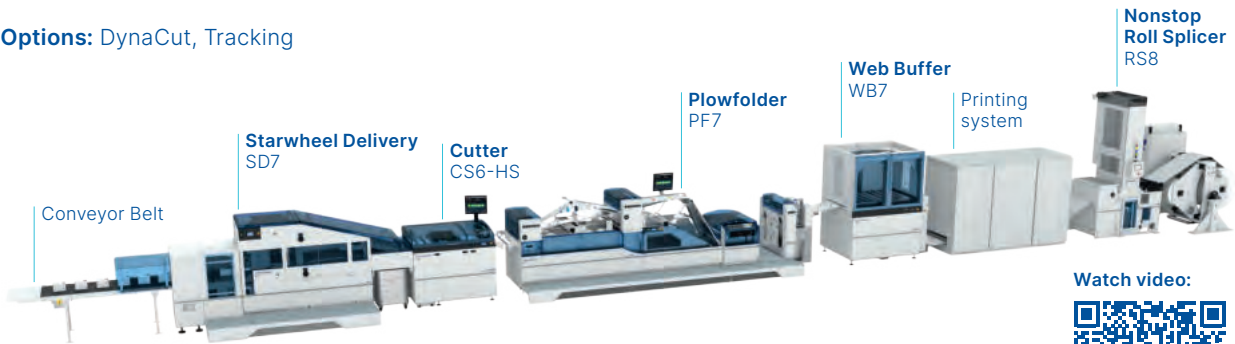


## Plowfolder book solution

Outstanding features of the Plowfolder book solution are the on-demand production of book blocks with variable page count and format lengths (when using the DynaCut function) as well as perfectly glued book blocks for reliable finishing in the perfect binder. In addition to processing 4-, 6- and 8-page signatures into glued book blocks, it is also possible to produce loose sheet stacks for thread-sewn books. The Plowfolder book solution can be used nearline as well as inline to a printing system or a downstream perfect binder.

<b>Productivity</b>	max. 600 stacks/h
<b>Speed</b>	up to 656 ft/min
<b>Web width</b>	up to 30"
<b>Paper weight</b>	60 – 150 gsm
<b>Signature length</b>	7" – 14"
<b>Signature width</b>	5" – 10.5"

**Options:** DynaCut, Tracking



Watch video:

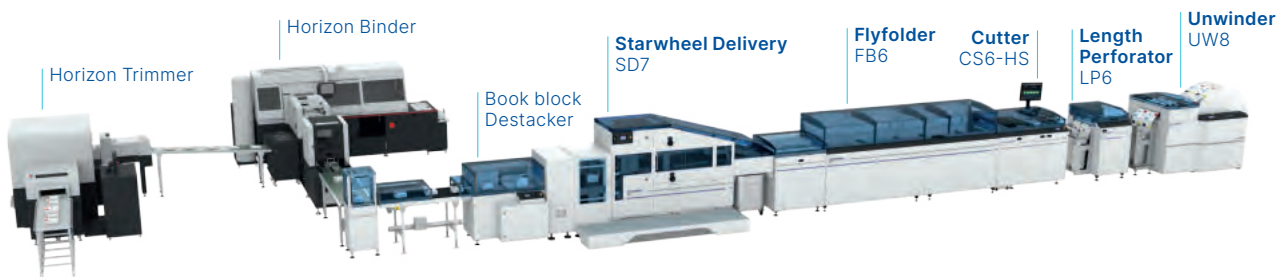


## Flyfolder book solution

The Flyfolder book solution is an innovative, revolutionary and simple concept for modern Book-on-Demand production. The system switches on-the-fly between 4-page and 6-page signatures without stopping production. Reliable binding and superior finished book quality are guaranteed thanks to perfect book block stacks exiting the Starwheel Delivery. The fully automatic format changeover is performed on-the-fly without any manual intervention.

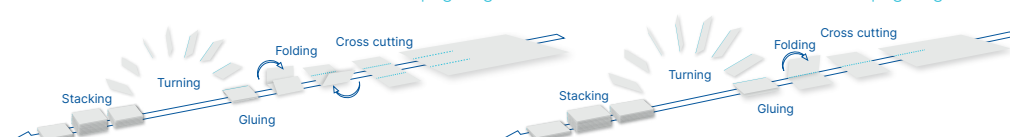
<b>Productivity</b>	max. 600 stacks/h
<b>Speed</b>	up to 436 ft/min
<b>Web width</b>	17" – 19.5"
<b>Paper weight</b>	70 – 100 gsm
<b>Signature length</b>	7" – 14"
<b>Signature width</b>	5.6" – 9.7"

**Options:** Front/Back verification, Tracking



Workflow 6-page signatures:

Workflow 4-page signatures:



Watch video:



## Roll to stack solution with longsheet-tray

The modular Hunkeler roll to stack solution for stacked sheet output with continuous feed digital printing systems. Innovative nonstop stacker with rotary single cut sheeter or variable chip out double cutter for full-bleed products. For example, cleanly offset-stacked sheets can be output for further downstream processing, such as perfect binding. Loose sheet offset stacks from 1-up to 4-up production.

<b>Speed</b>	up to 590 ft/min
<b>Web width</b>	8" – 22.5"
<b>Paper weight</b>	40 – 300 gsm
<b>Format length</b>	5" – 19"
<b>Variable chip out</b>	¼" – 2"

**Options:** Linear perforations for book signatures or tear-off perforation, Autoregister, DynaCut, Tracking



## Roll to buckle-fold solution

Production of variable signatures from a roll for book production, catalogs, and magazines. Signatures can then be fed to a gathering machine, a saddle stitcher or a thread sewing machine. System is also suitable for direct mail, letter-folding or other folding applications. The dynamic and variable cross cutting unit in the Length- and Cross Cutter CS8 can be equipped either with two knives for chip out or with one cutting knife and one perforating blade for dynamic fold perforations. This allows the production of high-quality variable and flat signatures.

<b>Speed</b>	up to 590 ft/min
<b>Web width</b>	8" – 22.5"
<b>Paper weight</b>	40 – 300 gsm
<b>Format length</b>	5.5" – 62"
<b>Fold support cross perforation</b>	0 – 4 perforation/sheet

**Options:** DynaCut





## Book solution with thread sewing

Inline premium quality book production from the printed roll. The paper is fed to the thread sewing machine from the Hunkeler Unwinder UW8 and through the Length- and Cross Cutter CS6-HS. The Universe Web book sewing machine performs several processes on-the-fly. These are creasing, folding, collecting folded sheets in 8, 12, 16 or more pages to form one signature, as well as stitching and output. All process steps are executed consecutively. The book blocks are then fed into a book production line. In this machine, the hardcover preparation is performed by applying cover sheets and gauze. The line is completed by the three-knife trimmer, that features automatic size change without changing parts.

<b>Productivity</b>	525 sheets/min
<b>Web width</b>	8" – 20.5"
<b>Format length</b>	5.9" – 16.5"
<b>Max. roll diameter</b>	54"

Watch video:



### Thread sewing machine from sheet:

Meccanotecnica Universe



### Thread sewing machine from roll:

Meccanotecnica Universe Web

Cutter CS6-HS

Unwinder UW8

