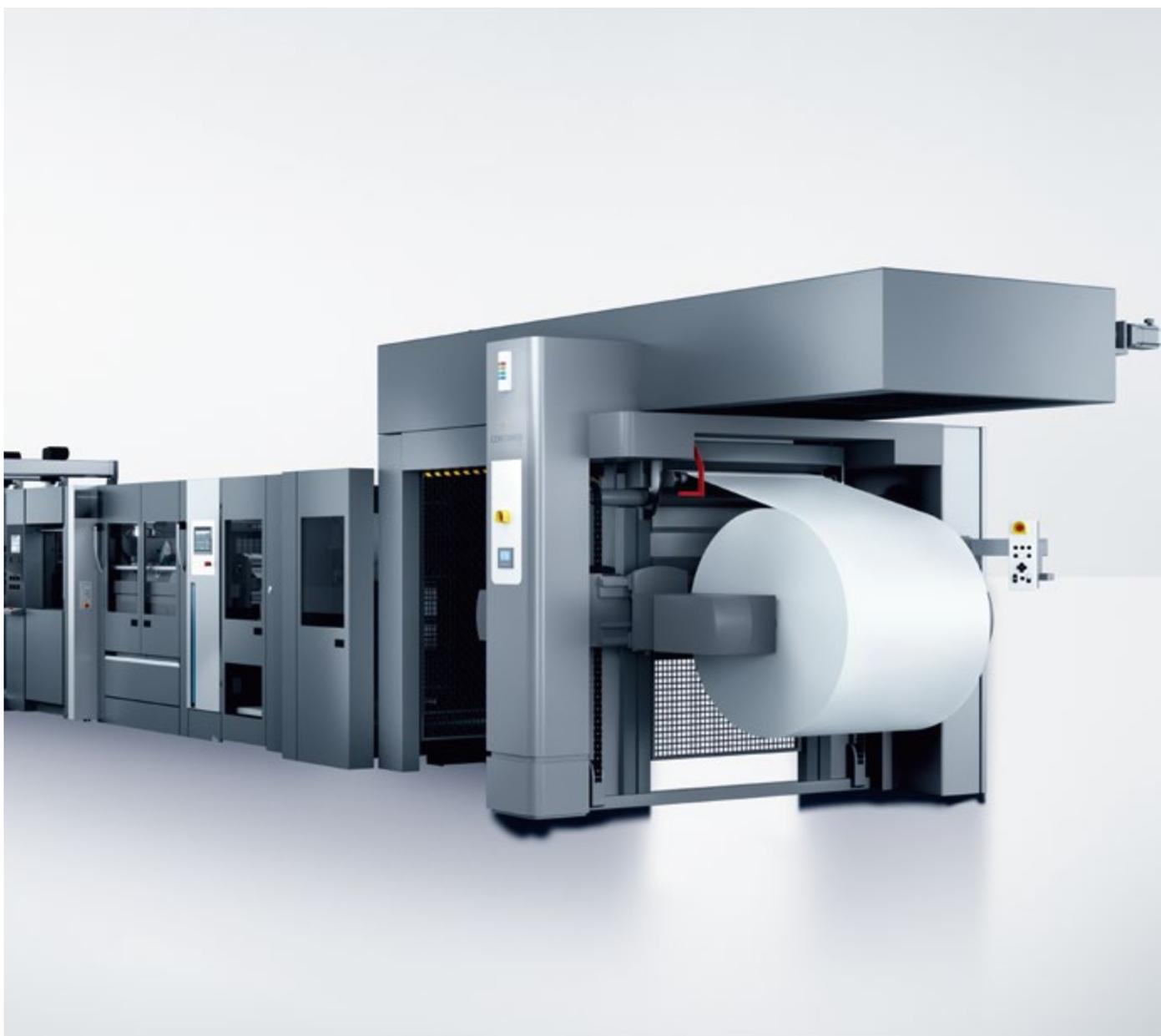


Fully automatic non-stop
reel splicer for CutStar 106.
Contiweb CBN-1100.



Efficiency and productivity CutStar 106 with zero speed splicer. Contiweb CBN-1100.

Increased sheetfed offset press speeds of up to 21,000 sheets per hour, like on the Speedmaster® XL 106, mean shorter intervals between reel changes. The CutStar® 106, which has been completely redeveloped for high speeds even with the thinnest materials, significantly increases productivity with more automation, simple handling and easy maintenance.

A zero-speed, non-stop splicer is the perfect complement to roll-fed converting. An automatic splicer converts reels into a continuous web by splicing reel to reel at full press speed, which is then cut precisely to size by the CutStar.

Standard equipment and features:

- Indication of the actual splicer operating parameters / data on the operating screen of the splicer
- Motorized reel side-lay adjustment with indication on HMI of splicer
- Loading of paper reels in the unwind position is easy; reels are loaded from ground level
- Automatic splicing at any reel diameter
- Integrated electronically controlled web guide
- Remote diagnosis system through VPN connection (Customer to provide VPN connection)
- Manual web-up system (kite with one sided guidance mounted in the machine)
- Single butt splice (head to head splicing, without overlapping)
- Automatic laser alignment

Benefits:

- Non-stop splicing saves considerable production time and labor hours
- Reel change and splice preparation during production, no production stop
- Preparing the splice is very easy and takes only two minutes

It is possible to splice over to substrates of different web widths, coatings and weights. This is very useful for short, fast job change. It is also easy to use rest reels, and there is no restriction on the diameter of the new or used reel for splice performance.



Technical Specifications.

CBN-1100.

	Metric	Imperial
Max. splice speed	300 (m/min)	984 (fpm)
Max. reel sidelay movement	± 25 (mm)	± 1 (inch)
Webguide range	± 25 (mm)	± 1 (inch)
Web width	300–1,100 (mm)	11.8–43.3 (inch)
Reel diameter	110–1,270 (mm)	4.3–50 (inch)
Min. reel diameter for loading	400 (mm)	15.7 (inch)
Max. reel weight	2,000 (kg)	4,409 (lbs)
Web tension	100–250 (N)	22.5–56.2 (lbf)
Paper weight ^{1,2}	30–300 (g/m ²)	30–300 (g/m ²)
Max. paper thickness	0.356 (mm)	14 (pt)
Standard core diameter	76 (mm)	3 (inch)
Emergency stop deceleration	>1.5 (m/s ²)	295 (fpm/s)
Electrical		
Power connection	400/230 VAC (V) 480/277 VAC. Y TT/TN	400/230 VAC (V) 480/277 VAC. Y TT/TN
Frequency	50/60 (Hz)	50/60 (Hz)
Main fuse	50 (A)	50 (A)
Full load power (400/480V)	35/35 (kVA)	35/35 (kVA)
Compressed air		
Pressure	6–8 (bar)	87–116 (psi)
Consumption	120 (nL/h)	4.2 (scfh)
Machine Dimensions		
Length without platform	4,710 (mm)	185 (inch)
Width	3,250 (mm)	128 (inch)
Height	2,960 (mm)	117 (inch)
Weight	6,100 (kg)	13,488 (lbs)
Specifications with cardboard kit²		
Web tension	150–500 (N)	33.7–112.4 (lbf)
Length without platform	5,140 (mm)	202 (inch)
Width	3,250 (mm)	128 (inch)
Height	3,110 (mm)	122 (inch)
Weight	6,500 (kg)	14,330 (lbs)

¹ Thin paper kit advised for paperweights ranging from 30 to 70 g/m².

² Cardboard kit advised for paperweights ranging from 200 to 350 g/m², up to 18pt (0.457 mm) thickness.



More information can be found here:

[→ heidelberg.com/reel-splicer](https://www.heidelberg.com/reel-splicer)

Publishing information

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