

SPLICERS & PASTERS





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The right zero-speed splicer or flying paster for any production requirement. From extensive automation to proven reliability and performance features, Contiweb splicing and pasting technology provides real advantages in the pressroom. Those advantages impact productivity, efficiency and profitability. Specifically designed for seamless integration with all press systems. They are also proven, cost-effective solutions for press rebuild and enhancement projects.

Ultimate Performance

Data from hundreds of installed systems document the fact that Contiweb splicers and pasters deliver successful splice or paste rates in excess of 99.7% regularly and repeatedly. That translates into low waste and a maximum amount of production time. Integrated infeed technology further ensures the precondition of the optimum printing by accurately and reliably reducing variations in web tension to less than 1% of the desired level in the outgoing web. User-friendly interfaces combined with extensive automation features also make Contiweb splicers and pasters easy to operate. Splicing and pasting at any reel diameter is automated, and splice preparation is simple and fast. Operator effort is limited to applying a linear adhesive tape for the straight-tape splice.

Contiweb Web Data

The optional Contiweb Web Data paper information system can be integrated within Contiweb splicers and pasters to detect deviations from reel specifications and document errors for paper-related claims. A wide range of data related to paper usage can also be calculated and presented in reports that can be easily customized according to the requirements of each user.

Why choose Contiweb splicers & pasters?

- Successful splicing/pasting rates exceeding 99.7%
- Comprehensive automation
- Constant web tension
- User-friendly interface
- Automated reel handling



The Web Data system weighs each paper reel with its wrapping and again with the wrapping and waste paper removed. Additional information like reel diameter, paper grade, form and shift identity, and start and stop times can be entered by operators or acquired automatically from the splicer or paster controls. The result is a comprehensive collection of data that can be used to calculate detailed reports on waste, production efficiency and faults related to paper and splicing.

Zero-speed Splicer

In a zero-speed splicer, the running web and the new web are brought to a halt during the splice cycle. During that time the press is fed from the integrated festoon. As the splice is performed at zero speed, all dynamic forces on the web are minimized.

As a consequence, this splicing concept is very forgiving of variations in splice preparation, operator skills, web quality and splice tape quality. Another important advantage is the possibility to use rest reels of small diameter, and the fact that the reels can be loaded in either unwind direction.

Contiweb CS

The shaftless Contiweb CS is the most popular Contiweb zero-speed splicer and the perfect complement for several 16-page press configurations. Automatic positioning of the lifting arms and reel pick-up simplify the reel loading process, and splicing is automatic at any reel diameter. Operator effort is limited to applying a linear adhesive tape for the straight-tape splice, and operating time confined to splice preparation. The Contiweb CS also features an integrated web guide and infeed.



Flying Paster

As a Contiweb flying paster begins its paste cycle, the new reel is synchronized to match the speed of the expiring reel. At the time of the paste, a "bumper" roller pushes the expiring paper onto the new roll to complete the flying paste. A knife fires immediately following the paste, severing the expiring reel and minimizing the tail length. An optional tail cutter can also be added.

Contiweb FB and FD

The Contiweb FB is an unpretentious flying paster characterized by its user-friendly and easy to service design. All FB models have combined reel pickup arms that can be manually positioned to allow reels for varying widths or varying web positions to be loaded. Reel loading is easy by motorized chuck movement. The new reels in the Contiweb FB are core accelerated which allows for easy straight splice preparation. As braking is mainly (85%) done on core drive electro motors, electrical energy is regenerated and wear on the pneumatic brakes is reduced. The Contiweb FB is available in 2 versions: a 1.000 kg reel weight version for newspaper applications and a 1.600 kg reel weight version for (semi-) commercial applications.

Two motorized, pre-settable split arms with independent sidelay adjustments on the Contiweb FD paster allow reels of varying widths to be loaded. Pasting can be completed at any press speed or even when the press is idle. Web guiding is fully integrated within the Contiweb FD paster, and an integrated infeed with motor-driven pull reel and dancer feedback control reduces web breaks and improves print quality by ensuring constant web tension and web guiding.



Rather than using a pivot frame to correct the position of the web, the Contiweb FD web guide function is integrated into the sidelay movement of the split reel carrier arms, so that the position of the reel as a whole is corrected. Thus non-uniformities in web tension are avoided. An additional advantage is that the web guiding is performed before the integrated infeed at the low tension side of the paster.

The Contiweb FD paster has a shaftless A.C. drive system for precise synchronization with press components. Automation features include chucking, centering and unloading of the cores. A standard automatic reel loading system includes a loading platform that brings the reel to the lifting arms and a floor track with a trolley for lateral reel transport. Options include a station for unpacking and splice preparation and turntables for rotating reels.

As an optional feature a tail cutter can be installed on the Contiweb FD paster, to remove the loose end of the previous web that occurs after a paste cycle. By removing the tail, potential disturbances in the folding process are eliminated.

Larger Reel Diameters

The Contiweb FD paster has the breakthrough capacity to paste reels that are 1.524 mm (60") in diameter. The larger reels contain up to 44% more paper than 1.270 mm (50") reels, extending the interval between pastes. With direct labour costs and added opportunities for web breaks associated with each paste, the opportunity to reduce the overall number by up to 30% in a typical web operation is a valuable advantage. Increasing paste intervals also adds flexibility in staffing and reel preparation, especially for operations with multiple presses.

Automated Reel Handling

Contiweb offers comprehensive reel handling solutions that can be customized to complement its state-of-the-art splicers and pasters. Stand-alone storage solutions and reel buffering systems are defined by advanced capabilities and ultimate reliability. The objective is to minimize the required operator attendance whilst ensuring operational reliability, thus reducing costs. In a system with four buffer positions, up to seven reels (one at each buffer position, one in the waiting position and two in the paster) can be prepared at the same time, and no further operator involvement is required until all seven reels are being used, as the empty reels are automatically collected in the core container.

Contiweb has extensive experience in designing systems for commercial web applications and for newspaper applications requiring an interface with multiple pasters. The additional Contiweb advantages are full automation and complete hardware and software integration with Contiweb splicers, pasters and press systems. No third party involvement is required for the installation and electronic integration of the reel handling system with the reelstands.

Service and Enhancements

With remote diagnostics, Contiweb can monitor pasters and splicers and provide immediate, on-line assistance to operators or local technicians. This advanced system heads off many service issues even before they occur and allows more than 90% of those that do to be resolved without an on-site service call. When on-site service is required, remote diagnostics ensures that the Contiweb specialist is prepared in advance to finish the job quickly and efficiently. Contiweb also provides an extensive range of training programs and service capabilities for splicer and paster installations around the world. Highly specialized preventive maintenance and enhancement programs further ensure optimum performance.