



# Serving the newspaper industry



- Drives and controls for newspaper presses
- Management systems for the whole newspaper production process
- We are partners, not just suppliers

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**ABB has been serving the newspaper industry for more than 100 years and has pioneered many of the most important developments that have made newspaper production more efficient and cost-effective. Production management and press presetting computers, monitor-based control consoles, individual drives for shaftless presses and integrated planning systems for the entire newspaper production process. All these are products of our creativity.**



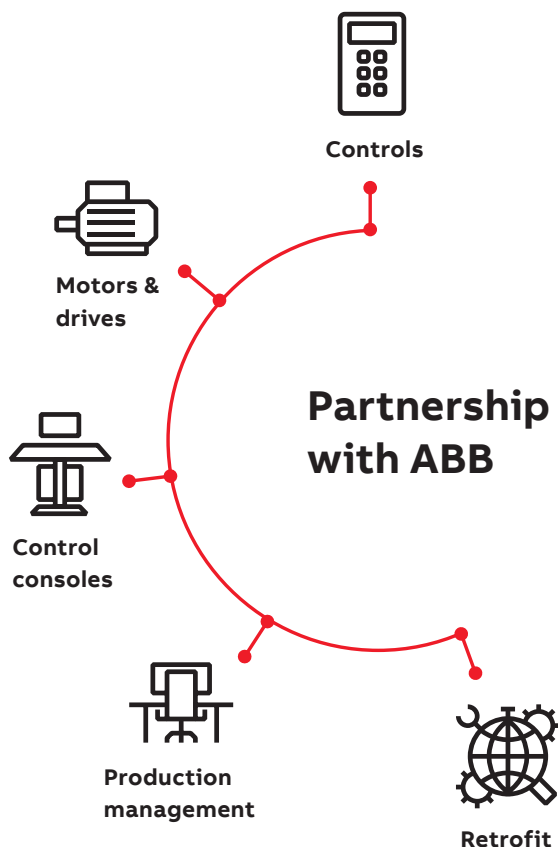
# ABB in printing

## Committed to partnership

We are a leading supplier of press controls, drives and automation solutions for newspaper presses, both old and new. We also have unmatched experience and know-how in the field of integrated production management systems from the page assembly to the delivery.

As part of the ABB group we have financial security, a local presence in over 100 countries and access to a huge range of systems, products and services in the fields of automation, power quality and energy efficiency.

— We sell peace of mind. Whether it is the quality of the design and engineering, the 24x365 support line or the long-term availability of spare parts, we have the skills, services and loyalty to our customers that make your business stronger. We are partners, not just suppliers.



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# Press controls and drives from the experts

## For all press types

Many of the world's leading printing houses rely on ABB press controls and drives for their daily production. Quality and reliability are as important for them as they are for us.



The cornerstone of our control system for both new presses and retrofit projects is the Advant Controller AC500 PLC. This was designed by ABB for use in demanding applications and is running in countless industries worldwide.



We offer a wide range of both DC and AC drives and motors. We have motion control solutions for shaftless presses as well as conventional drives control systems for shafted presses.



Our control console gives the press crew the ideal means of operating the press. Ergonomic operation, extensive fault reporting and a range of options including soft-proofing and the handling of multiple web widths mean that running the press is simple, errors are eliminated and downtime reduced.



The press management system, MPS Production, provides comprehensive functionality for planning products and productions, presetting the press, optimizing the print quality and minimizing waste. First introduced over 30 years ago, the system has evolved continuously to take account of the developing needs of our customers. It has gone through countless new releases, but users could always retain and reuse their valuable press data – an example of our commitment to protecting our customers' investment.



Your investment is also protected by our spare parts strategy which ensures the long-term availability of components for your systems.



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# Press retrofit

## Give your press another ten years of life

We have successfully retrofitted controls and/or drives on over 100 presses from all major manufacturers.

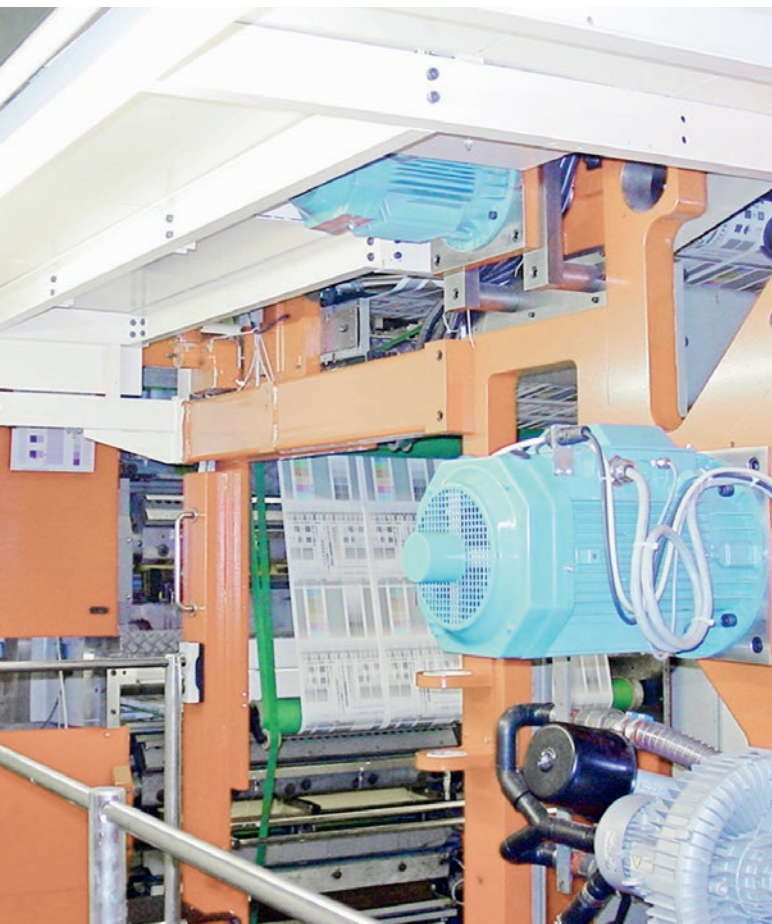
We know the challenges, for example of commissioning new controls while the presses are still in use for daily production, and we have the solutions, but we also have the honesty to say what is not possible. Our customers know we deliver what we commit to and will not commit to something that cannot be done.



We offer a range of modular retrofit solutions to meet the needs of each customer. These include:

- Replacing drives and motors, whether AC or DC
- Replacing control desks with modern control consoles
- Press control replacement
- Conversion of presses to shaftless operation
- Press reconfiguration, whether to increase color capacity or page count

An ABB press retrofit also opens the door to introducing integrated production management systems, as described on the following pages.



# Integrated production management

## Manage complexity, increase efficiency

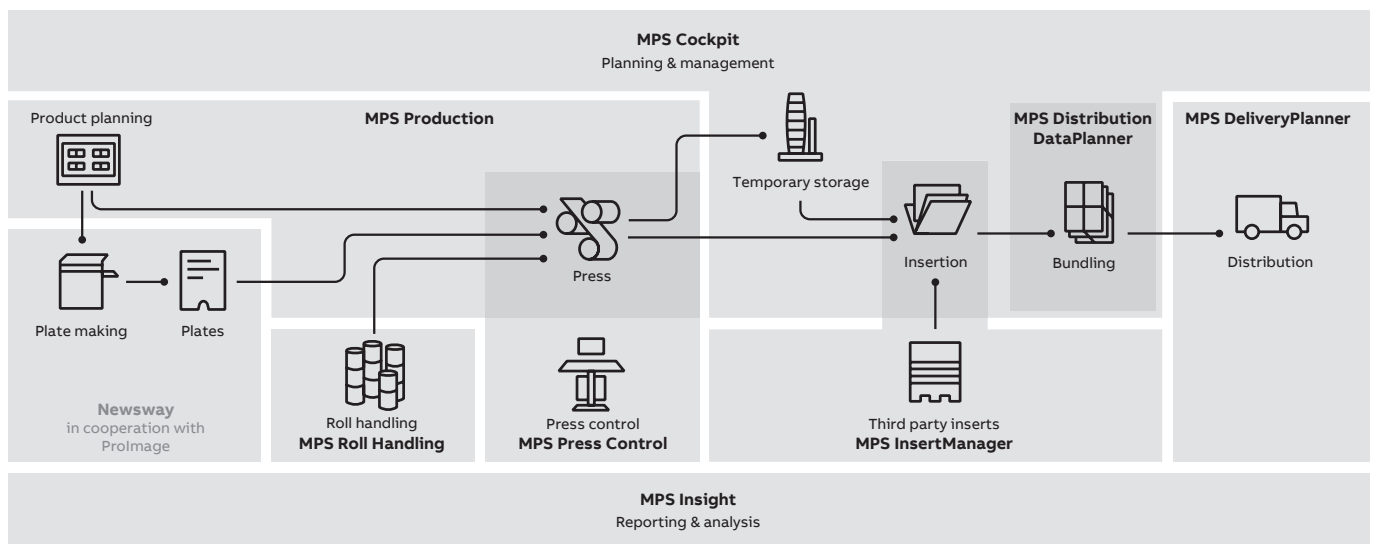
To succeed in the modern newspaper business a company has to be as efficient as possible, but also has to be able to manage the increasing complexity that is necessary to meet the needs of advertisers, readers and publishers. These two apparently contradictory aims can only be met with support from powerful production management systems.

We supply production management systems for the entire newspaper production process from the product planning to delivery and across multiple sites.

The illustration below shows the newspaper production process and the ABB production management systems that support the different sub-processes.

By integrating the systems chosen by the customer we greatly enhance their benefits, but we also protect the customer's past investments by integrating third-party systems.

Overview of the ABB production management systems for the entire newspaper production process







We offer the following solutions:



#### **MPS Roll Handling**

For automating the supply of newsprint to the reelstands according to the needs of the press.



#### **MPS Production**

For the planning of print products and productions on the press and print quality functions.



#### **MPS Press Control**

Controls, drives and control consoles for newspaper presses (described on the previous pages).



#### **MPS InsertManager**

For the comprehensive management of inserts and direct advertising with complete integration of commercial and production systems.



#### **MPS DeliveryPlanner**

For order-oriented distribution management with complete integration with the production systems.



#### **MPS Cockpit**

For order-oriented resource management and planning of the entire production process (pre-press, press, mailroom and distribution) across one or more print sites.



#### **MPS Insight**

For the on-line monitoring, reporting and analysis of the entire production process (prepress, press, mailroom and distribution).



#### **MPS DistributionDataPlanner**

For the importing, entry and preparation of distribution data for the production of third-party products.



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