
BADEN, SWITZERLAND, JUNE 26, 2018

ABB modular press retrofit for Druckzentrum Südwest

ABB has announced a further order from Druckzentrum Südwest GmbH, located in Villingen-Schwenningen in the Black Forest region of Southwestern Germany, for modular retrofits on its Wifag OF370 press. Druckzentrum Südwest prints newspapers like the well-known Schwarzwälder Bote.

The scope of the order stretches from drives and controls on the press itself to control consoles and production management systems.

New drives will be supplied for one folder and two printing towers, each with 12 printing couples. The new drives will be from the ABB ACSM1 series. These high-performance machinery drives provide speed, torque and motion control for demanding applications. They can control induction, synchronous and asynchronous servo and high torque motors with various feedback devices. The new drives will be built into the existing cabinets.

New ABB ACS380 drives will also be provided for the 24 ink ductors on the two printing towers.

The obsolete Wifag WPOS control units on the two towers, the folder and also the turner bar nest, will be replaced by modern ABB APOS solutions based on the AC500 PLC, a device that has been used in countless demanding industries and is available worldwide.

Moving on the level of the control consoles, all seven existing consoles will be upgraded to the latest version, which offers either conventional or touchscreen operation and is based on ABB's Compact Product Suite HMI.

Finally, at the production management level, the existing ABB MPS Production system will be upgraded to release 6 based on the PostgreSQL database, which makes virtualization a much lower-cost option than in the past. The production data analysis system, MPS Inform, will be updated in a similar way.

The various retrofits and upgrades will be completed by the end of the year.

ABB is a leading automation supplier to the newspaper industry. ABB Printing (www.abb.com/printing) delivers solutions that provide unique and totally integrated end-to-end control, protect existing investments and provide management information essential to improving profitability.

ABB (ABBN: SIX Swiss Ex) is a pioneering technology leader in electrification products, robotics and motion, industrial automation and power grids, serving customers in utilities, industry and transport & infrastructure globally. Continuing a history of innovation spanning more than 130 years, ABB today is writing the future of industrial digitalization with two clear value propositions: bringing electricity from any power plant to any plug and automating industries from natural resources to finished products. As title partner of Formula E,

the fully electric international FIA motorsport class, ABB is pushing the boundaries of e-mobility to contribute to a sustainable future. ABB operates in more than 100 countries with about 135,000 employees.
www.abb.com

Photo



Druckzentrum Südwest in Villingen-Schwenningen, Germany

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