



Packaging printer ACW-Film realizes a tailor-made solution in cooperation with its system partner Bosch Rexroth

## Custom rotogravure printing press for flexible fitting and small print runs

From end-user to machine manufacturer: ACW-Film, a company specialized in printing of packages, was unable to find a suitable printing press on the market and decided to design a custom one on their own.

### **Wanted: System partner throughout the project**

ACW-Film, since 2010 a company of the Melitta Group, develops, manufactures and prints packaging films for renowned companies in the consumer goods industry. The company's core competence is film packaging for food products. To expand, ACW was looking for a suitable rotogravure printing press on the market that fulfilled their requirements on flexibility for printing processes and short fitting times in small print runs - unfortunately it was in vain. Since the medium-sized company had no experience with electrical automation technology and programming of machine software, ACW opted for Bosch Rexroth to benefit from their expertise.

### **Automation in hardware and software from a single source**

At ACW-Film, the project quickly grew from one test printing unit to a full line. The result was the GRAVEX rotogravure printing press with eight printing units for printing of films with a width of up to 825 mm. The GRAVEX is designed for printing of up to 8 colors on unprinted material or on pre-printed material as of the second printing unit. As system partner of ACW-Film, Bosch Rexroth took care of the configuration and design of the entire hardware for electrical automation and the construction of the control cabinets. The Rexroth system solution already includes pre-programming of almost all practical technology functions for printing presses. Commissioning of the GRAVEX puts ACW-Film in a position to continue their course of expansion.

### **Challenge**

A rotogravure printing press that fulfills the requirements on flexibility and short fitting times for small print runs.

### **Solution**

Develop and construct its own custom-made rotogravure printing press with Bosch Rexroth.

### **Result**

"From system configuration over software down to standardized machine safety, the Rexroth specialists offered us enormous benefits in terms of expertise".



### **Solved with**

- ▶ Comprehensive system solution thanks to the integrated register control of IndraMotion.