

## ROLFLEX bets on higher efficiency, independence and development.

Comprehensive investment in an in-house water-based prepress studio – case study.



### About the company

ROLFLEX is a family business operating in different areas since 1965. For the past 15 years, it has been focused on cooperation with pharmaceutical and diet supplement manufacturers. It supplies them with push-through aluminium foil. The vision of the company's founder, Romuald Miroslawski, was based on stable growth through partner relations with the customers and constantly listening to their needs. One of the trademark characteristics of the company developed in this process is the flexibility to quickly respond to orders.

*„Our customers can always rely on us for fast delivery. We have done a lot of analysis of the production process showing that the solvent washable flexo plate technology is the weak link in the production chain, especially in comparison with the possibilities offered by the water-wash plate technology. When Print Systems invited us to cooperate, it was a natural attempt at finding better solutions. Their engagement has exceeded our expectations. For months, with a huge contribution from Print Systems experts, we were doing a variety of tests and analyses to eliminate any concerns regarding the implementation of the new technology. ROLFLEX runs its operations in accordance with the integrated management system based on the ISO standards "Quality – Environment – Food Safety". That's why the additional argument in favour of the new technology is its environmental aspect.”*

TOMASZ PASTUSZKA, THE FACTORY DIRECTOR

### About the investment

Finally, at the end of 2016, the company took the decision to implement the water-based technology by Toyobo. The investment process started with the purchase of the plate processor **Exposure 80** and the plate washer **Quicker 80**.

**Exposure 80** is a new-generation plate-making processor for photo-polymer plates up to 660x810 mm in size, which allows for exposure, drying and post-exposure. It is equipped with a 7-inch touch panel used for programming and controlling the process and with a coolable exposure table that ensures the stability of the CtP plate making process.

### Water-based prepress machines at ROLFLEX



Quicker Exposure 80



Quicker 80 WO Washer



CTP Laser Amsky Aura 800S



**Quicker 80** Washer is a modern, safe machine for processing flexo water-wash plates in the 660 x 880mm work format. Brush adjustment in the washer is performed by metric bolts, which ensures a consistent position and the washing accuracy throughout the plate preparation process. The machine is equipped with a system that can tilt its bottom edge towards the front of the device. As a result of this alignment of the silicone working plate, the operator lays the photopolymer down, rather than suspend it.

The next natural step for the development of the business and starting an in-house prepress was the implementation of the CTP technology. Previous experiences as well as deeper cooperation with Print Systems made it possible to do quick tests and then take a decision to buy a machine for CtP plates processing **Amsky AURA 800S**.

Fully automated, easy-to-use, modern **AMSKY Aura** laser uses dynamic auto focus and drum auto balance technology to ensure the highest quality, stability and a fixed speed of photopolymer plate making. The vacuum system for the external drum keeps the photopolymer plate on its surface with no need for mounting tape outside the plate area. Print Systems has provided full support associated with the installation of the machine and software, staff training as well as warranty and post-warranty service.

*„The package proposed by Print Systems - both the price and the financing method - was ideally suited to our needs and abilities. The analysis of the machines offered by competition in this market confirmed our choice. Partner relations and expert support offered by Print Systems proved critical at this stage of ROLFLEX development. I think that this cooperation resulted in our company moving up to the next level of possibilities. The advantages of the new system are many, but more than anything else it is cutting down the plate making time by up to 75%, achieving greater prepress efficiency and reducing the negative impact on the environment. The advantage of the CTP technology is first and foremost better quality.”*

TOMASZ PASTUSZKA, THE FACTORY DIRECTOR



From the left: Tomasz Pastuszka, Factory Director at ROLFLEX, and Katarzyna Kraska, Department Head (privately daughter of the ROLFLEX owner), Piotr Buchner, Technical Advisor at Print Systems, and Przemysław Aranowski, Sales Director at Print Systems.

In accordance with the provisions of the investment process, the combination of the CtP technology with water-wash **TOYOBO** polymer plates has increased the efficiency of the plate preparation process. I has also enabled high quality while eliminating harmful solvents. Having a modern, in-house prepress department means ROLFLEX is fully independent, flexible and ready to react quickly to ever-increasing expectations of the customers. The implementation of the CTP technology **Amsky AURA** in ROLFLEX took place in January 2017.