



Faster job starts, fewer errors, greater process reliability

How LEEB automates job preparation with RUBY Connect 4 Flow and optimizes production starts



Digital continuity instead of manual data entry

Based in Memmingen, Germany, LEEB GmbH & Co. KG has specialized in the production of laminated films for food and technical applications for almost 100 years. The company stands for high quality standards, reliable processes and the continuous development of its production operations.

LEEB and Windmüller & Hölscher have been partners for more than 70 years. Together, they have pursued a clear objective: using the data already available in the ERP system to make the production process more efficient and reliable. This is where many production operations have significant potential. Job data and process parameters are already stored in the system, but often have to be entered manually again at the

With RUBY Connect 4 Flow we make fewer errors, save time and get into production significantly faster.

Kevin Prinz

Head of project team and deputy production manager, LEEB GmbH & Co. KG

machine. This takes time, ties up personnel and increases the risk of errors. At LEEB, RUBY Connect 4 Flow ensures a continuous data flow between the MIRAFLEX II and the C3 ERP/MIS from Theurer. This creates the basis for standardized, reliable and efficient production starts.



Performance

Minimal risk of errors, automated data transfer and increased process reliability



Format

Digital job preparation with direct data transfer from the ERP system to the machine via RUBY Connect 4 Flow



Next steps

Rollout to additional machines and applications

**Fewer sources of error, greater process reliability**

Kevin Prinz, head of project team and deputy production manager at LEEB GmbH & Co. KG, on the change in job preparation: „In the past, all relevant data, such as the job name, job ID and job length, as well as process parameters such as web tensions and drying temperatures were entered manually. Today, the data is automatically prepared within our Theurer C3 ERP/MIS system and transferred completely to the MIRAFLEX II.

Whenever less manual input is required, fewer data-entry, transfer and assignment errors occur. This creates reliability at a point that is crucial for quality and productivity: the start of a new job. That is precisely what makes the difference between a good and truly robust production start.“

Immediate operational benefits in daily production

In addition to reducing errors, RUBY Connect 4 Flow impresses LEEB especially with its direct benefits in day-to-day operations. The solution saves time during job preparation, simplifies workflows and reduces the workload of machine operators by eliminating many manual input tasks.

Missing values can also be prefilled automatically based on defined parameters. For example, a web tension value can be derived from the material and width. As a result, it further reduces effort and helps to make the production start even more reliable.

This is particularly valuable for new or less experienced employees. Instead of having to work through numerous entries, they start from the basis of a defined standard. RUBY Connect 4 Flow therefore addresses exactly the factors that make a difference in practice: efficiency, reliability, standardization and ease of operation.

Successfully implemented in a strong partner network

RUBY Connect 4 Flow was introduced as the interface between the machine and the C3 ERP/MIS in close cooperation among LEEB, Windmüller & Hölscher and Theurer. A partnership-based implementation is particularly important when connecting an ERP system and a machine. Ryan Redle, IT/ERP administrator at LEEB, describes the cooperation: „Direct contacts, technical understanding, open dialogue when addressing issues and short lines of communication —

Customer profile**Industry**

Specialist in the manufacture of laminated films for food and technical applications

**Product**

Barrier films, sealing films, reclosing systems and customized packaging solutions made from plastics, papers, aluminium and renewable raw materials

**Location**

Memmingen, Germany

170 employees

www.leeb.de/en

that is exactly what made the cooperation with W&H and Theurer valuable for us.“

The next step toward connected production

The next step is to digitalize also the job preparation for the ALPHAFLEX using the connectivity module. Initial tests are also planned for RUBY Connect 4 Flow in combination with EASY Setup, the assistance system for simple and clearly structured print settings. One thing is clear: For LEEB, RUBY Connect 4 Flow is not an isolated measure, but a meaningful building block on the path toward greater connectivity, standardization and efficiency in production.