

Roto Lean

Consultation for efficient window production

A photograph showing two men in red shirts in a factory setting. The man in the foreground is seen from the back, wearing a red t-shirt with the text "Production Optimisation Team" printed on it. The man in the background is slightly out of focus, looking towards the camera. The background shows industrial equipment and a factory environment.

**Production
Optimisation
Team**

Roto Lean





Roto Lean

Boosting economy through production optimisation

Changes on the market encourage companies in the window and door production industry to continuously adapt and improve their processes.

This often results in major challenges that need to be overcome in a company's everyday operations.

Our Roto Lean range of consultancy services will assist you in meeting these challenges.

In the field of production optimisation, Roto Lean is the pooling of the competences that we have built up in our rewarded roof window fabrication in Bad Mergentheim.

The focus of the service is on improving your processes and procedures for the purpose of increasing economy.

And to this end we will develop individual solution concepts for you.

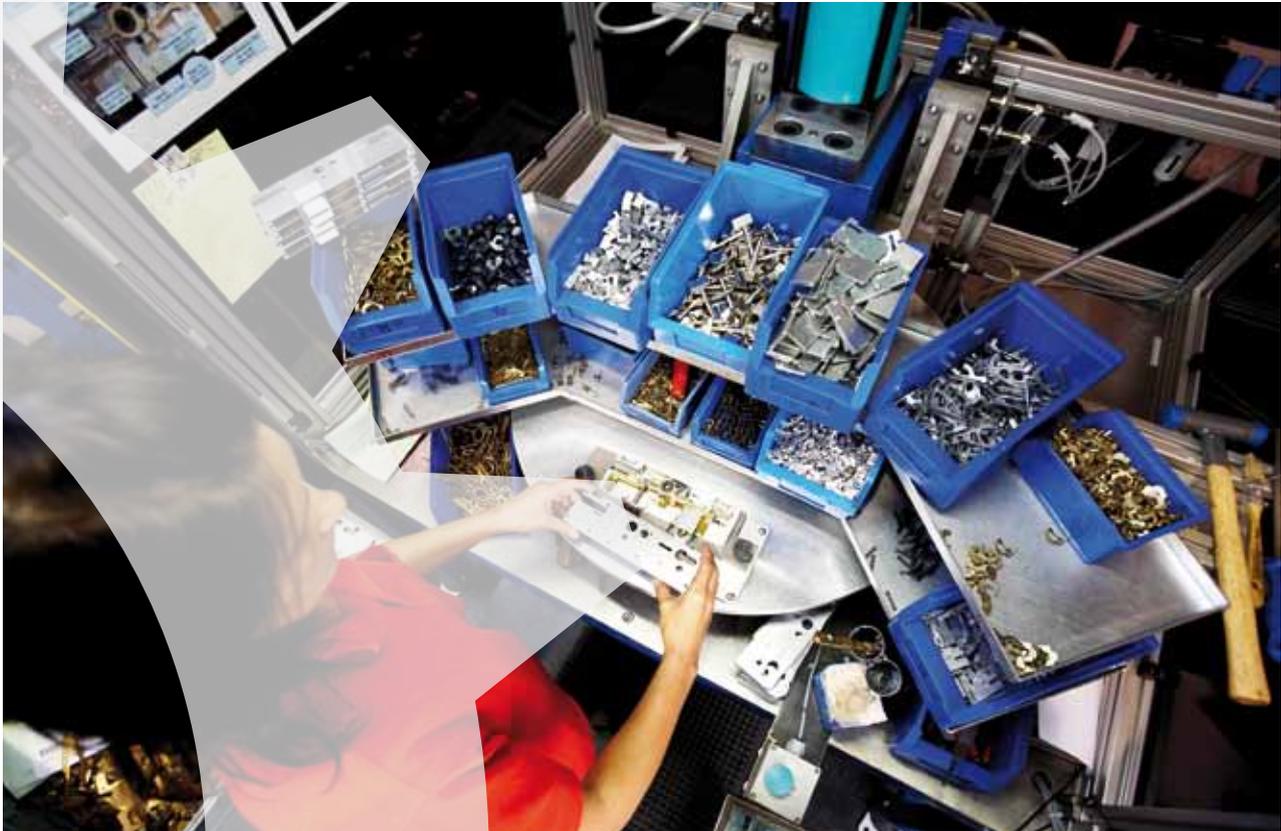
Performance overview

To optimise your window production, we have a broad range of performances that we bring together for you in the best possible way.

We have divided up our range of performances into modules. The modules are based on industry-specific technical know-how and methods that have been tried and tested in practice.

You will find an overview of the modules in the following pages.

Close to the customer. More.Value.



Module A: Workplace design

Efficient and productive workplaces

The basis for both quality work and efficient work is a clean, safe and structured working environment – without the need for lengthy searches.

We will assist you in making this a reality. The methodological tool that we use is 5S, a proven 5-stage procedure for efficient and productive workplaces. 5S can be used in both production and administration.

The staff concerned are directly involved in the implementation of 5S, which enables improvements to be developed, implemented and introduced quickly on a sustainable basis.

Contents of module A:

- Training fundamentals
- Introducing cleanliness and order via 5S
- Redesigning workplaces
- Carrying out audits



Module F: Production flow

Increasing throughput in production

Machines and workstations are arranged in the production flow in a low-waste production facility. If possible, the windows are produced without interim storage.

In collaboration with you, we will develop a concept for optimum process interlinking with as few travel and waiting times as possible within production.

The combination of your operating knowledge and our planning know-how means that together we can develop an ideal production layout. If necessary, we can adjust individual elements of the work content here so that throughput is increased in production.

Contents of module F:

- Training fundamentals
- Production concept development
- Layout planning
- Implementation support



Module L: Storage and logistics organisation

Efficient material provision and low inventories

One prerequisite for smooth-running production is well-functioning logistics with clear responsibilities and defined sequences.

We will support you in organising your storage and logistics procedures in such a way that logistics-related interruptions to production are reduced and material inventories are kept at optimum levels.

One approach here is separating production processes from logistics processes. This enables the provision of material at the workplace to be simplified and productivity to be increased.

Contents of module L:

- Training fundamentals
- Analysis of logistics processes
- Compiling a logistics concept
- Implementation support



Module N: Zero-defect production

Reducing non-conformity costs and complaints

Good product quality is a prerequisite for a high level of customer satisfaction and long-term economic success.

We provide advice on setting up a fault and complaint management system aimed at the long-term prevention of faults and boosting product quality.

One important aspect of success is not just recording faults but also developing and implementing solutions both quickly and systematically. This is an area in which you can profit from our experience and our tried-and-tested tools.

Contents of module N:

- Training fundamentals
- Recording as-is processes
- Fault and complaints management concept
- Implementation support



Module M: Employee organisation

Clear work procedures and targeted qualification

Reacting flexibly to demand fluctuations and staff absences requires good employee organisation.

We will support you in establishing systematic employee development, the optimisation of internal procedures and the introduction of job rotation.

One tool for this is the qualification matrix: The comparison of the necessary and available qualifications within the company. The qualification requirement can be determined on the basis of a target-actual comparison.

Contents of module M:

- Recording processes / staff
- Target concept development
- Determining qualification requirements
- Implementation support



Module P: Project supervision and production planning Consultation and planning support

The automation of processes or the extension of window production are decisions that must be safeguarded from both a technological and economic standpoint.

Thanks to our many years of involvement in window fabrication, we have gained extensive practical know-how in the field of technology and in the structuring of both production and processes.

We will advise you on your individual investment plans and will support you in developing concepts and approaches to solutions.

Contents of module P:

- Planning aim clarification
- Creating the concept
- Assessment of the economic profitability
- Action recommendation

Our procedure

Continuously improving together

Roto Lean is based on collaboration between partners

We will carry out an initial analysis in order to familiarise ourselves with your company and to identify the first potentials.

In collaboration with you, we will then define the modules that will be of the greatest benefit to you.

Our specialists will implement the project on location on your premises.

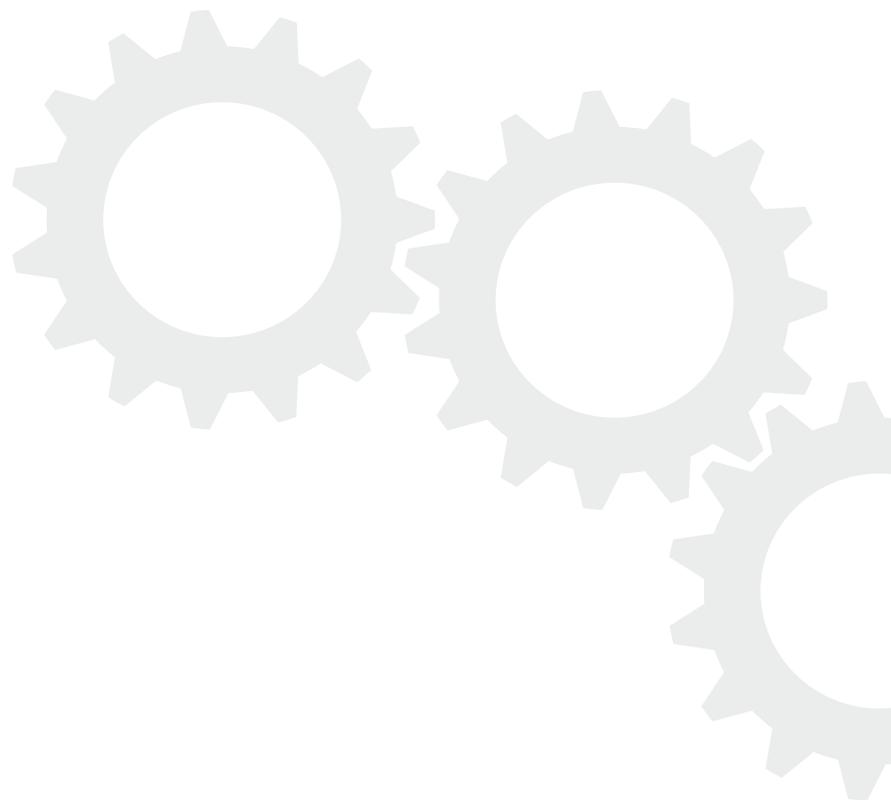
Often, even simple measures can have a major positive effect on production.

Together we can make your production more efficient. Profit from our many years of experience.

Talk to us.
We look forward to hearing from you!



Visit our Website to learn more about Roto Lean
www.roto-frank.com/en/roto-lean





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Window and door technology

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