Smart
Forward-looking
Digital.
We want to shape the future of your company together with you, put you in the perfect position, and lead you towards success. Because only those that recognize opportunities, define the right measures and consistently implement them, will be rewarded. Check what already exists, challenge what seems to be proven and try to explore new avenues. This is how the future is shaped today.

Shaping the future.

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Strategy
Tapping into our practical experience.


YOU DON’T NEED CONSULTANTS. YOU NEED EXPERIENCED WOOD ENGINEERS, PROJECT MANAGERS AND BUSINESS ECONOMISTS, WHO KNOW A LOT ABOUT THE TIMBER AND FURNITURE INDUSTRY.

You need to be as flexible as the markets, and you need to perfectly set up your business with lean processes and efficiently utilized machines.

SCHULER Consulting is an independent company of the HOMAG Group AG, the leading technology and service partner of the wood-working industry. For this reason, we know the latest innovations and industry trends. Make use of our expertise, our creativity and our practical experience. We have been operating successfully for 60 years and know the furniture market at home and abroad. This is how we are also able to introduce sustainable changes in your company and generate real competitive advantages.

What does a successful solution look like? Customized.

No two companies are the same. They differ in their circumstances, requirements and objectives. For this reason, we don’t replicate our solutions. We find customized solutions, tailored to your company. We start with an evaluation of the situation. Where is your company’s untapped potential? We then develop new ideas, alternative approaches. Concrete solutions. In line with your requirements, this leads us in a direction that is as surprising as it is successful.
“With SCHULER, we entered the world of Industry 4.0. We are now able to feed data to and control our highly automated systems, from production planning to the final assembly stage.”

Joaquim Teixeira
J&J Teixeira, Spanien

4.0

Ideas for the industry.

Digital instead of radical.

What do you have to do to change over to Industry 4.0? For a start: nothing. Before any changes are made, a comprehensive analysis is required. Far too often, stand-alone systems that are touted as the optimum solution are limited in their capacity to be integrated in the existing system landscape. If the available budget is limited, you should consider carefully whether you install it over several years as your flexibility will be reduced.

Because a consistent Industry 4.0 production that really uses all benefits requires a comprehensive system analysis of the existing IT landscape. Often it is not necessary to immediately replace all systems that are already in use. At the same time, not all systems that are considered to be future-proof have the necessary prerequisites. So make use of our knowledge to reach your goals for the automation and digitalization of your company.

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A good strategy deserves to be implemented.

**DO YOU KNOW WHAT YOUR GOALS ARE REGARDING INDUSTRY 4.0?**

If not, we should sit down together, develop a strategy and plan how to successfully implement it for your company. In doing so, we consider the level of digitalization of your company, integrate all available data and, if necessary, we suggest software solutions, including any necessary interfaces.

### YOUR PROCESSES...
- ... are manual and insufficiently documented
- ... can be reconstructed
- ... are traceable and documented

### YOUR DATA...
- ... is maintained in several different locations and is only partially up-to-date
- ... is rarely maintained redundantly
- ... is maintained in one central location

### YOUR INTERFACES
- Your few interfaces are maintained manually in parts
- The important interfaces are well established and are continuously maintained
- The interfaces are reduced to a minimum

### MANUAL WORK / ERROR RATE
- +++
- +
- 0

**POWER WORKSHOP**

Our power workshop works as follows: to start with, we identify your options for digitalizing core processes. This leads to a schedule which shows, step by step, how we can master digitalization together.

The key to success: analysing information consistency in your core processes, from the office to manufacturing, i.e. from the incoming order to shipment. We then assess the current situation together and identify optimization potential. On this basis, we design your customized plan which, in addition to an organizational structure, also includes an IT concept and a software selection.
CONTINUOUS INFORMATION FLOW

How useful is data if the quality is not right? We have a clear objective: to eliminate redundant data maintenance, reduce inventories, increase machine utilization times and speed up production times. This cuts the time it takes for your products to reach the market. Even if you have already digitalized many processes, there are certainly still optimization possibilities.

We identify these options, reduce the data interfaces and optimize the information flow: from order acquisition to order import and processing, through to procurement, manufacturing and assembly.

INTEGRATED PRODUCTION

Have you already come a long way with the digitalization and optimization of production? Perfect. Let’s take the next step together. Our objective: integrated production. We are focusing on:

- The optimization of the entire IT landscape by reducing manual and system interfaces.
- Minimized manual data processing and maintenance by optimizing the software selection (specifications in the areas of POS and POM with ERP and MES)
- Improved data quality by avoiding redundant maintenance efforts
- Ensuring the most extensive possible releasability of the selected IT systems

More information available online
Are your costs under control?

Without creative business strategies, flexible business concepts, lean processes, optimum information flows and efficiently used machines, you will be falling behind in terms of dynamism. But we know how you can prevent that.
Optimizing production and product costs.

STRATEGIC CONTROLLING
Controlling tasks to support strategic management aim to ensure the existence of the company and its success. We draft the economic orientation of your company together with you, including sales, material input, investment and HR plans. We draft action plans for the implementation and achievement of objectives as well as comprehensive deviation analyses for monitoring success. This information can also be used as well-founded reporting records for your capital investors.

DESIGN-TO-COST
Do you place emphasis on furniture with a creative and forward-looking design? Are you aiming to launch this furniture on the market at competitive prices? We support you in this. Tailored to your marketing and sales concept, we create design drafts with you, define the design structure, suggest materials and establish quality guidelines. Together with you, we use the value analysis method to ensure a high level of economic efficiency for the new piece of furniture. In this way, you can expand your portfolio with products that impress with their high-quality design and their affordable production costs.
THE TREND IS EVIDENT: MANY INDUSTRY SEGMENTS ARE CHARACTERIZED BY MORE AND MORE MODELS AND AN INCREASING NUMBER OF VARIANTS.

However, often companies forget to use already existing components and design principles. The disadvantage being that while variety continues to increase so do manufacturing costs.

To ensure that your increasing variety is accompanied by decreasing costs, we conduct a comprehensive marketing, design and manufacturing analysis. With our technical product standardization, we assess the level of standardization of your products, analyse the most important „variant drivers“ and illustrate their impact on manufacturing complexity.

This results in clear design rules and standards to reduce design principles and processing features. Ultimately, we simplify production and therefore lower production and organizational costs.
Do you want to produce more efficiently? Processes and flows are key. We optimize these together with you, re-organize them and make sure that you reduce your lead time and save costs. This enables you to implement customized manufacturing and achieve your business goals.
Uncovering potential.

“SCHULER did much more than just hang up a few pictures. They helped us to anchor the KAIZEN principle in our employees’ minds.”

Manuel Stecher
Schweitzer Projekt AG
Tirol, Italy

Follow this link to read the full article about our project with the Schweitzer Project AG
DO YOU WANT TO SAVE MATERIAL? CUT CYCLE TIMES? NO PROBLEM WITH EFFICIENT PROCESSES AND OPTIMIZED FLOWS.

Use Lean Production, our service for simplifying processes and flows. We choose together which principles and tools are the right ones for you. Our portfolio covers everything from CIP to KANBAN, 5S and one-piece flow.

We focus on sustainability, train management and staff in multi-stage workshops and support you in setting up a lean organization. Lean production is particularly applicable on a machine level. In this way, cycle times and material input can be minimized at work and assembly stations, as well as in work preparation and administration. In addition, optimization potential can be identified and non-value adding activities can be reduced. The result: resource-conserving and more efficient production.

„Thanks to new technologies, lean management strategies and the commitment of the SCHULER engineers, we found entering the world of Lean Industry 4.0 easier than expected.“

Nelson Lagos
XILOFOR, Chile
Strategic roadmap.
CONTINUOUS GROWTH, CHANGED TARGETS AND THE ADJUSTMENT OF FRAMEWORK CONDITIONS USUALLY GO HAND IN HAND WITH THE FURTHER DEVELOPMENT OF EXISTING STRUCTURES.

For this, we have developed the SCHULER company EKG. It is a strategic roadmap for the further development of your organization and your internal structures. Together with you, we draft an action plan on site, which is, of course, tailored to your company goals, processes, production and organization.

The objective: to identify potential for an increase in efficiency and output. The concept study provides you with the basis to make targeted decisions, initiate suitable measures and define a long-term direction for your company.

Using the SCHULER company EKG to reach future-oriented production.

AREAS EXAMINED:
- Products
- Manufacturing principles
- Material flow and machine positioning
- Logistics and production
- Organization