



VISION OF PACKAGING



FUTURE-ORIENTED IDEAS, PRACTICAL SOLUTIONS

How does an idea become a reality and add practical value? How can innovations advance packaging and automation processes in various industries sustainably? R.WEISS has the right answers! As a leading manufacturer of packaging solutions in Germany, we develop and manufacture a wide range of machines and equipment solutions.

*Far-reaching expertise and market knowledge
that could transform visionary ideas
from theory into practice*

From pharmaceuticals to food, from chemistry to cosmetic industry: We are not only experts in packaging solutions, but we do also understand the

industry-specific requirements from various industries. Regardless of the automation level of the specific solution, the most important factor always remains the same – the human.

Quality that lives

Technology is advancing. With our aspiration to continuously improve what has been already created, we always deliver state-of-the-art solutions and we are often one step ahead. Our competent and motivated employees are pioneers and innovators. For highly flexible state-of-the-art product handling and packaging solutions in primary and secondary packaging. And for timeless quality!

RWEISS
VERPACKUNGSTECHNIK

- UNI ROB Toploading Line
- UNI ROB Picker Line
- UNI ROB Turnkey Line
- UNI ROB Palletizing Systems
- Planning and Engineering
- Qualification and Validation

RWEISS
MASCHINENBAU

- Functional Components
- Assemblies
- Single-piece Production
- Special Machinery

RWEISS
AUTOMATION

- Series Manufacturing Machines and Equipment
- Installation Services

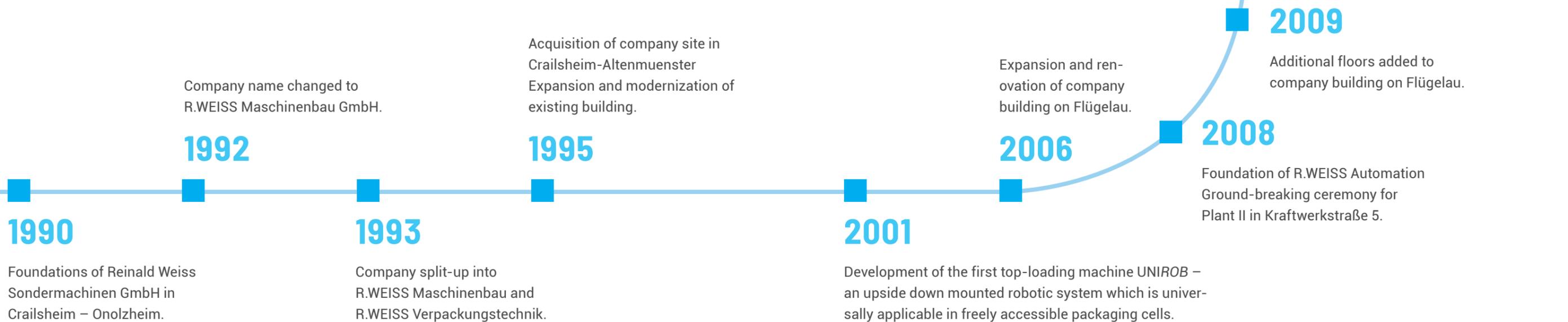
Our business at a glance

From our company's foundation till today, our innovative and reliable solutions always convince new customers from wide range of industries. This success generated continuous growth for the company and lead to the integration of several companies into our group.

Progress and growth since around three decades.

Along with the prosperous development, several technological milestones were reached: From the toploading technology to the intelligent shuttle transport system. Today, more than 1.000 employees work for R.WEISS.

MILESTONES



FLEXIBILITY BY MODULARITY

A UNIROB for all cases

Our UNIROB Toploading and Picker Lines package all varieties of products that can be put into containers or boxes by toploding process. For instance? Vials and ampoules for eye drops, conditioner tubes, dishwasher tabs, convenience and dairy products, chocolate bars and pralines, flow pack products, biscuits and biscuit products, electrical goods and infinitely many more. They are efficiently and successfully in use in the following industries:



Pharmaceuticals



Cosmetics



Chemicals



Food



Confectionery & Bakery



Non-Food

A smart modular system

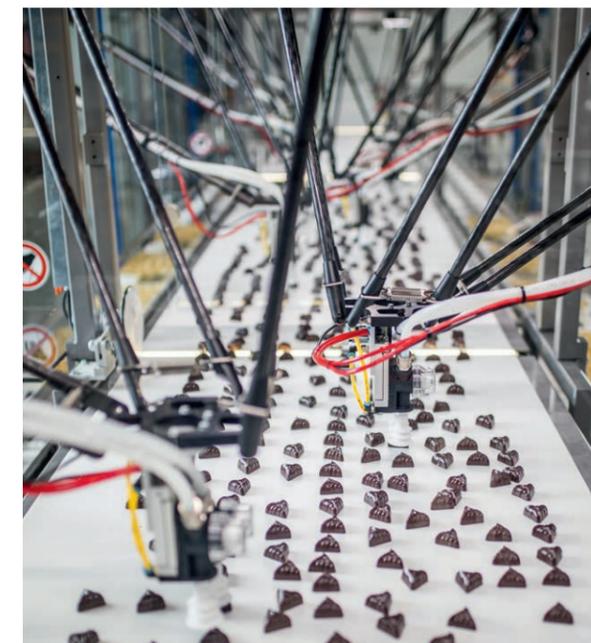
Whether individual components, machines or complete packing lines - all machine solutions are based on our proven modular UNIROB system.

A universal principle with many individual characteristics.

Integrated Toploading, Picker and Turnkey lines, powerful case erectors, sealers, case packers and palletizing systems: UNIROB combines proven solutions for every imaginable application. A variety of freely configurable standard modules lead to tailor-made overall design concepts. Beginning with planning and engineering, R.WEISS provide you with services from a single source, including installation, commissioning and service as well as qualification and validation.

Our product and service range:

- UNIROB Toploading Lines
- UNIROB Picker Lines
- UNIROB Turnkey Lines
- UNIROB Palletizing Systems
- Feeding and Intermixing Systems
- Planning and Engineering
- Qualification and Validation
- Installation, Commissioning and Service





Transport Module – Intelligent Shuttle System ISS

Transport module ISS enables highly flexible and completely free programmable transport of product and packaging materials. Thus, for example folded cartons can be erected directly in the individual shuttle elements. Within the UNIROB line, they are transported either individually or in groups to the individual stations.

In other applications, thanks to ISS, products can be taken directly from the production machine and transferred to the UNIROB System. The transport modules of the ISS are available as standardized curve and linear modules and with track switches additionally.

ISS – the advantages

- Individual programmable positioning of separate shuttles
- Easy to operate and track each individual shuttle on HMI
- Ideal for the integration of serialization and Track & Trace
- Low maintenance due to minimal mechanical stress

ISS represents unique flexibility in production line design

PIONEERING & INNOVATIVE

The Toploading-Technology

Through upside-down mounted robots, UNIROB Toploading lines enables space-saving machine design. The basic module of UNIROB Toploading Lines, which is available in several sizes, consists of a robust and vibration-absorbing robot cell. This is easily accessible

through large safety guards. Depending on the task at hand, one or more standard robots are integrated – each with four, six or seven degrees of freedom and high-performance Delta-Pickers.

UNIROB Toploading-Machines – The Advantages

- Space-saving positioning of the standardized machine control above the UNIROB basic modules
- Customized orientation of feeding and discharge of products and packaging materials depending on the available space and layout requirements – possible from all sides
- HMI with intuitive and easy-to-use user interface
- Free positioning of peripheral units
- Full automatic exchange of the robot tools stored within the robot cell
- Highest flexibility in product and packaging changes
- Easy integration of serialization and Track & Trace systems





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QUALITY
KNOW-HOW
RELIABILITY



OUR CUSTOMERS

Partnership creates bonds

We are known for innovative solutions and absolute commitment. With our customers and partners, we engage in a continuous and trusting dialogue. This philosophy pays off: Many companies worldwide, from medium-sized companies to the global players, place their confidence packaging technology from R.WEISS today.

Regardless of which sector you belong to and what your requirements are - We offer you an individual packaging solution tailored to your product. Our quality and expert knowledge, you can always rely on. No matter how complex the task at hand may be – as a pioneer in the field of flexible and innovative packaging technology, we provide you with the right overall concept!

COMPACT & MODULAR

UNIROB as a standalone solution or in a team

Whether as a compact standalone machine or as a high-performance production line - the unbeatable advantages of UNIROB technology can be utilized for any application. Each UNIROB module, based on the standard, is configured for the respective function. You as the end user can already incorporate your product-specific requirements into the project concept and planning.



Completely Flexible

Especially in the planning of complete production lines, the added-value of modularity comes into play. If an additional function or performance adaptation is required during project planning, this can be done by adding another module without having to completely revise the overall concept. Even in the order phase, changes can still be implemented economically by adding a module. Adding another module can be carried out without completely revising the overall design concept.

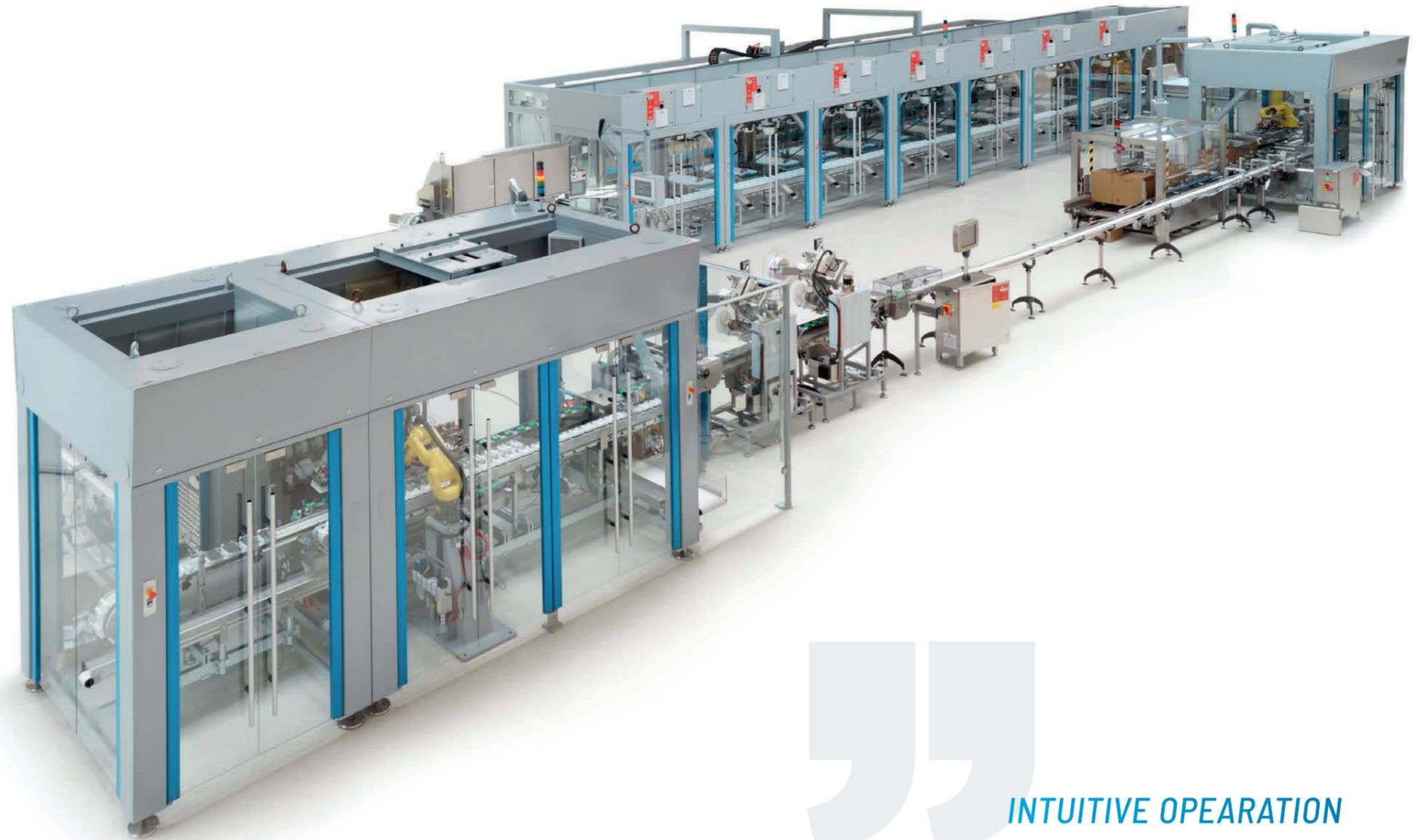
UNIROB IN PRODUCTION

More Efficiency

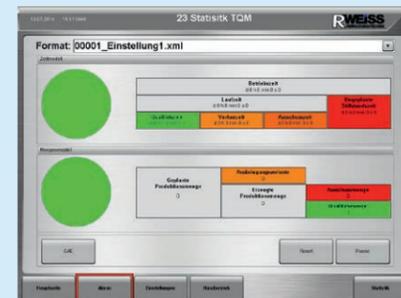
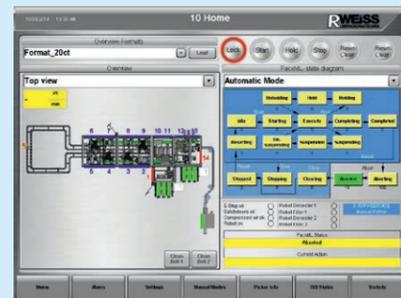
Markets are becoming increasingly dynamic. At the same time, production landscape is changing: Batches are getting smaller, changeover cycles are getting shorter and shorter. The focus is shifting increasingly on key performance indicators related to productivity and availability of a packaging line. It's about transparency. Along with all these requirements, it is also imperative to keep downtimes as low as possible.

The UNIROB-Technology accommodates current and future trends.

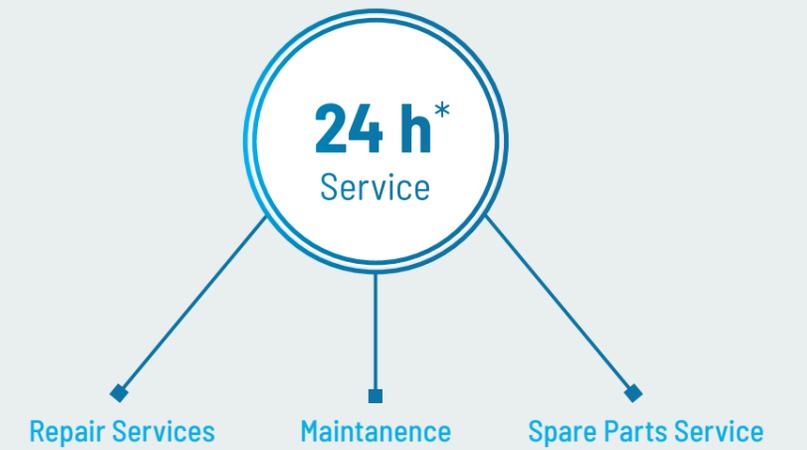
Through UNIROB technology, R.WEISS offers a solution that accommodates all those requirements. Thanks to intelligent control concepts that enables operators to operate the production lines intuitively. Through full-automatic exchange of the robot tools and based on standardized operating concepts that make our UNIROB Toploading and Picker lines capable of extreme quick changeovers. Permanent monitoring of the current line status completes the overall concept. Another contribution to high system availability is provided by our remote maintenance, which empowers our engineers to solve up to 95 % of all inquiries.



” **INTUITIVE OPERATION**
RAPID CHANGEOVER



An easy-to-understand user interface provides the operators with all information on the possible system status as well as on all parameters necessary for operation. The intuitive user interface guides the operators quickly and well-targeted via visualization. Staggered "performance levels" can be set up to manage different levels of access for the staff as required. It is possible to integrate individual customer requests by prior agreement.



* within Germany

PLANNED FOR SUCCESS

Planning in Dialogue

Those who aim high in terms of packaging technology need a solid foundation. Of course, those can build on expertise of R.WEISS. Even during the preliminary conceptual design phase, we capture your user requirements in detail. That's why our engineers have been dealing intensively with your production environment. We thereby get to know the general requirements of your environment and consider design details that cannot be documented within a specification. Based on a solid assessment, further detail design of the customized

UNIROB system follows. Additionally, we can support you to conduct process analysis and assist you with process optimizations, as well as we can carry out planning of logistics processes and engage in packaging developments. In the context of turnkey lines, we can also integrate appropriate suppliers upon request.

A smooth project flow is achieved through perfect preparation in R.WEISS.

Reaching goals together

For the realization of the projects, a competent team of experts, led by experienced project managers are at your disposal. Already in the design phase, customers are involved in the development of their UNIROB system –

either in-person or online via NetMeeting. Well informed, project continues seamlessly: Throughout the entire project lifetime, weekly updates are shared automatically to inform you about the current project status.

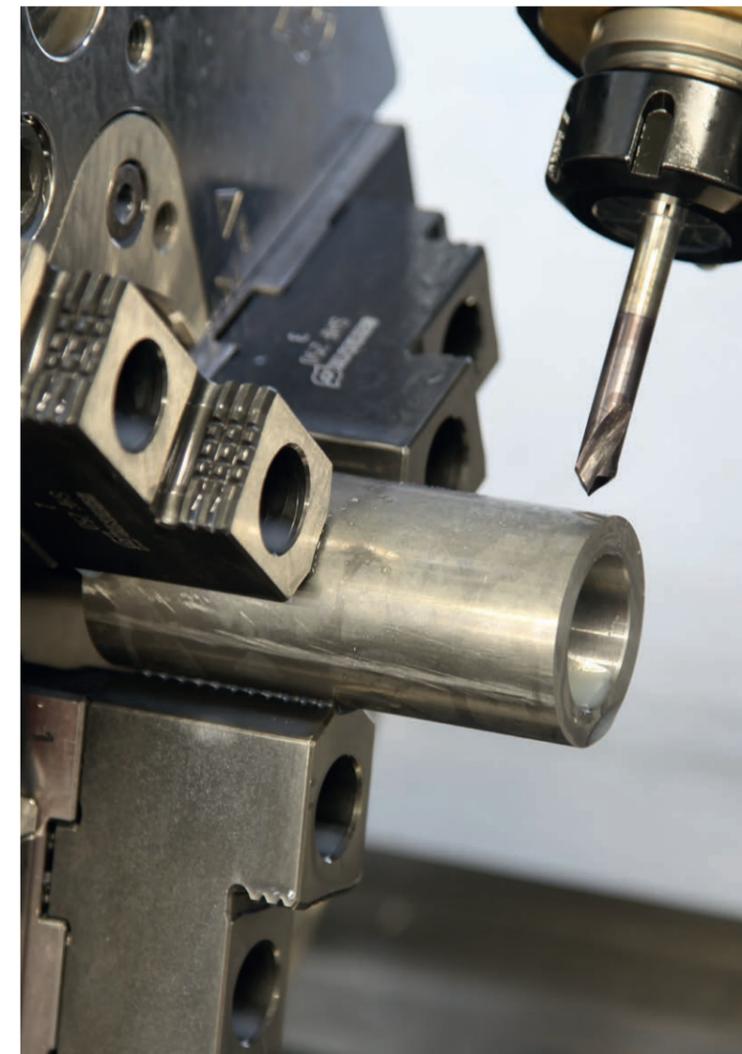
SERVICE

Always ready for production

As UNIROB, so does the service: R.WEISS offers tailor-made, prioritized spare parts packages – at the time of delivery or as a part of after-sales services. Already in the design and construction of our machines and systems, we consider components of established brand manufacturers that are vastly available on the market. This ensures, in addition to consistent quality, a high level of availability and thus production reliability.

Well prepared

UNIROB systems know the rough industrial everyday life: Three-shift operation, seven days a week. And that's exactly what they are made for, in-line with the latest technology, equipped with state-of-the-art components. All components and functions are designed for long life cycles with sufficient performance reserves. This pays off for our customers - and for us too - results in a robust and reliable operation. Preventive measures, such as regular inspections by R.WEISS, support efficient operation over many years.



ENERGY MANAGEMENT

For the good of environment

Long before the topic of energy management found its way also into the machinery and equipment manufacturing, our engineers had already been working on effective solutions. The outcome is reflected in our energy optimal design of machine solutions. At R.WEISS, efficient energy management begins with selection of the right components. During ongoing operation of the UNIROB systems, it continues with switching off drives that are currently unused at a time. Last but not least, we also develop individual energy management concepts together with the subject matter specialist of our customers.

SUSTAINABILITY

Conservation of Resources

The obligation to deal consciously and economically with the resources is part of our daily business. The protection of humans and the environment play thereby a central role. Occupational safety measures are consistently applied at R.WEISS. In addition, we carry out regular measures and actions to promote health and wellbeing of our employees. By the use of manufacturing resources, we pay attention to their environmental impact and ensure the proper environment-friendly disposal. Our environmental safety officer is responsible and committed for this purpose.

Supporting the turnaround in energy policy, we are operating two photovoltaic plants each with a power of 190.44 kWp. Those produce annually over 350,000 kWh of electricity.

CO2 Avoidance 700 kg per 1000 kWh	254 tons
Coal Savings 1 kg coal corresponds kWh gross, equivalent to 2.8 kWh electricity	130 tons
Nuclear Waste Avoidance 0.0027 g per kWh	976 grams



FUTURE

Professional Training by R.WEISS

The development and vocational training of young talent is of great importance in R.WEISS. Only in this way the valuable know-how can be secured and passed on to future generations. We are training the professionals of tomorrow who will be supporting our customers with the usual high level of competency. We pave the way for the long-term professional career of young generations by offering vocational training positions in technical or commercial fields at R.WEISS. We encourage and challenge our employees. Always pursuing one common goal: Success.



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