



Anlagenbau & Fördertechnik GmbH

Consultancy



**Your competent partner**

**or production processes, rationalisation  
and automated quality inspection**

Planning



Implementation





 **Rotte**  
Anlagenbau & Fördertechnik GmbH

Einfahrt

**Wir stellen ein...**

- Roboterprogrammierer
- SPS Programmierer
- Schlosser
- Projektverantwortliche Monteur

[www.ulrich-rotte.de](http://www.ulrich-rotte.de)





# Innovation is our passion

Trying new things is not necessarily particularly noteworthy for us. It's what we do every day. Special plant construction is always innovation.

The company started up in 1994 with this attitude and now employs more than 80 people who construct special plant for the many different manufacturing industries.

Our typical customer base is any company involved with mass production. We serve a wide range of industries and markets from the automobile industry up to technical laminates. This is constantly setting us new challenges. We are equal to these and to achieve them we find ourselves on the faster and faster turning innovation carousel.

Departing from the standard offers the best prospects for growth. This applies to us and also to our globally based customers, whom we always support by word and deed.

Yours,  
Ulrich Rotte



# Inspiration

## Our company philosophy

Our company philosophy is to have in-house knowledge and experience in the different technical specialist disciplines. Perfect teamwork between project managers, designers and a strong team of specialist workers in the workshop provide a number of benefits for our customers.

In this way we can develop innovative solutions on a blank sheet from one cast and implement them with short lead times. And if necessary we put the cart before the horse and design with our creative heads on and document the results afterwards.

Qualified staff who are responsible for the work performed are our quality mark. Clever solutions, flexible responses, short reaction times and keeping to deadlines can only be achieved by the high level of in-house planning and manufacturing.

Well trained specialist staff also guarantee short delivery times and a high level of customer care.

Innovation, quality, reliability, functionality, adherence to delivery dates and service are the added value that Rotte customers all over the world have come to appreciate.

## Consultancy



# Implementation

## Our customers have come to value

- personal, competent care
- technologically clever solutions
- high level of planning and manufacturing depth
- strong, durable machine construction
- an all-inclusive package
- well trained specialists

## We

- ask you what you need
- supply what we have promised
- are ready on the agreed date
- help where others won't even look at the problem
- are fast and flexible
- act with no red tape and pragmatically if necessary

# Planning



# Organisation

## The solution team

In the beginning it was only our company founder himself, Ulrich Rotte, at the drawing board. Today the company has its own design department with electrical construction, mechanical engineering and technical engineers. Research, development and documentation now play just as important a part for our medium-sized operation as production itself.



Our design and development department asks about your requirements even if you give us product specifications. In this way we make sure that you receive what you need from us. We go into your requirements and design the special equipment or even the special machine in your factory.

Our design department converts the plans into drawings suitable for production. The equipment is then built in steel and iron by our production department.

Incidentally: The control cabinet that we build ourselves.



**Electrical  
planning**

**Robot  
programming**



**Manufac-  
turing**



**Control  
technology**



# Full planning and manufacturing depth

As a system vendor we not only make the control technology, programme the PLC or robots but also deal with the connection to the main computer systems and integration of the operating data recording.

We are, of course, also available to you for service, maintenance and spare parts. You can count on us even if you want to move the machinery or make alterations.



**Service**

# Consultancy - Planning from a standalone machine

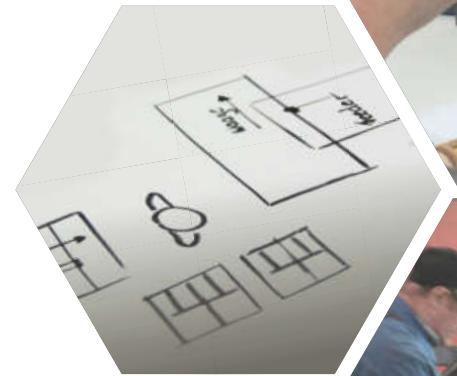
up to

We advise you on selecting and deciding on process machines from a standalone machine up to special equipment. In the Rotte company we design and lay out your new production processes and build your equipment all in one place with a 100% manufacturing depth.

Just tell us your ideas and requirements. In this way we can advise you in the best possible way on your specifications. We design, manufacture and install your plant and commission it on your premises.



Planning



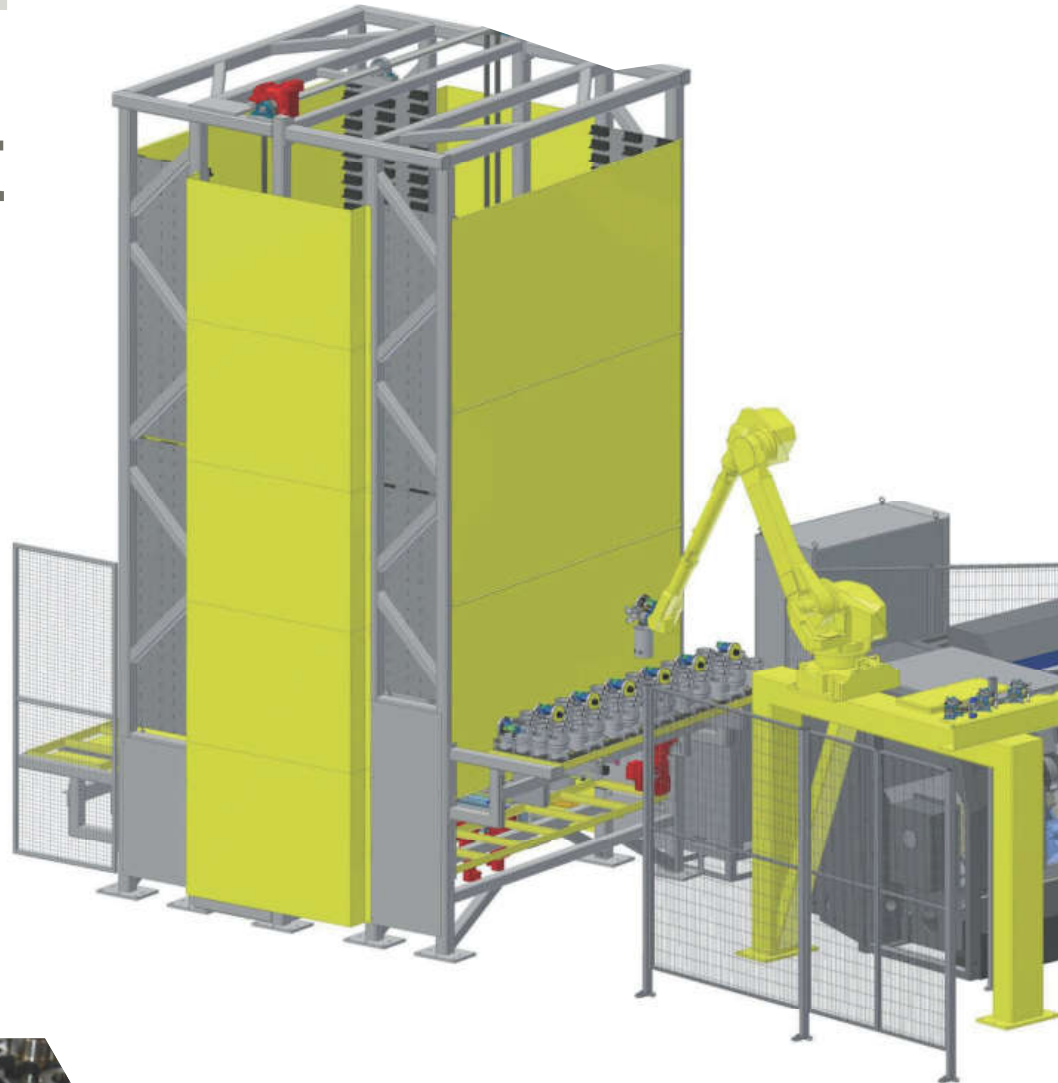
Implementation



# ng - Implementation

special plant

Consultancy



As a system vendor we look after the interfaces on the separate machines as well as a total system with a CE conformity certificate and the related safety system.

Ask us if you want interface co-ordination, system operation, process inspection and process visualisation. We will support you in word and deed even with the connection to your main computer system and the documentation of your production data (BDE).

# Expertise

**You need a production unit that doesn't exist?**

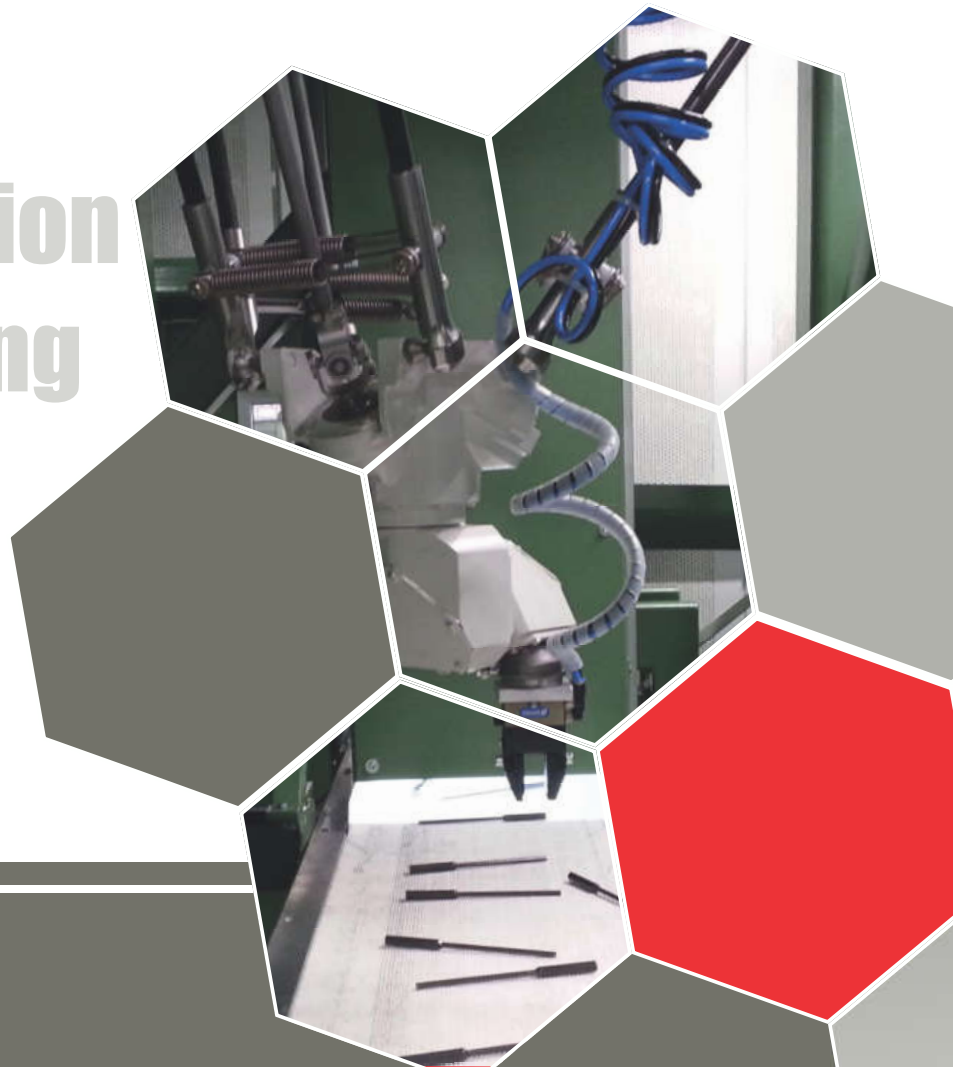
We at Rotte will take on this challenge and develop the production line that meets your requirements for you and with you.

We advise you on selecting machines for your core processes and will help you when converting to your specific manufacturing processes.

Do you want a turnkey machine with a contact partner and, in particular, a main contractor with overall responsibility? Then you've made the right choice with us.

## Production processes

Implementation  
Planning  
Consultancy



## Do you also have to document your 100% quality?

We will help you with this.

More and more our customers are asked to supply 100% quality and to document this quality both by OEMs and also for necessary internal industry reasons. This normally requires a complete inspection, automated if possible and in an inline procedure. We will help you in these very different challenges with the necessary interconnection and optimisation of your manufacturing process.

We advise you on the selection and implementation of the correct measuring process.

# Quality

## Is your process linking as fast as your new machine?

We have the expertise to synchronise existing and new production steps for you in such a way that they fully develop your production.

Because what good is it for a company that has invested a great deal of money on new machines and plant if the downstream and upstream processes are not compatible or the staff have to load them by hand?

Why not decouple the machine, fit it with a hopper or a storage unit and run it unmanned when there are no staff there or at weekends? We are your competent partner for all these matters because of our experience and the projects we have completed.

# Rationalisation





# Experience

## Topic references

Our expertise is reflected in various facets. As well as the professional technical skills of the automation systems, experience in dealing with complex industries and issues plays an important part for us.

There are very great differences, for example, between clean room systems and the iron and steel trade and yet both must work highly efficiently.

Let's take the extremely different basic conditions in the solar industry and the rubber industry. Whereas the solar modules being produced need to be clean and handled gently, robustness and tolerance of dirt are required in rubber processing batch off technology.

And it is precisely because of these different requirements that process linking is a central theme in all our activities.

Because all industries and customers expect of us:

- perfectly programmed interfaces for pre- and post-processes
- investigation of the basic conditions by our experienced professional design staff
- extremely high availability of the production machines
- comprehensible operation and visualisation of the process sequences
- documentation of the production parameters
- implementation of the safety standards in force



# Industry knowledge

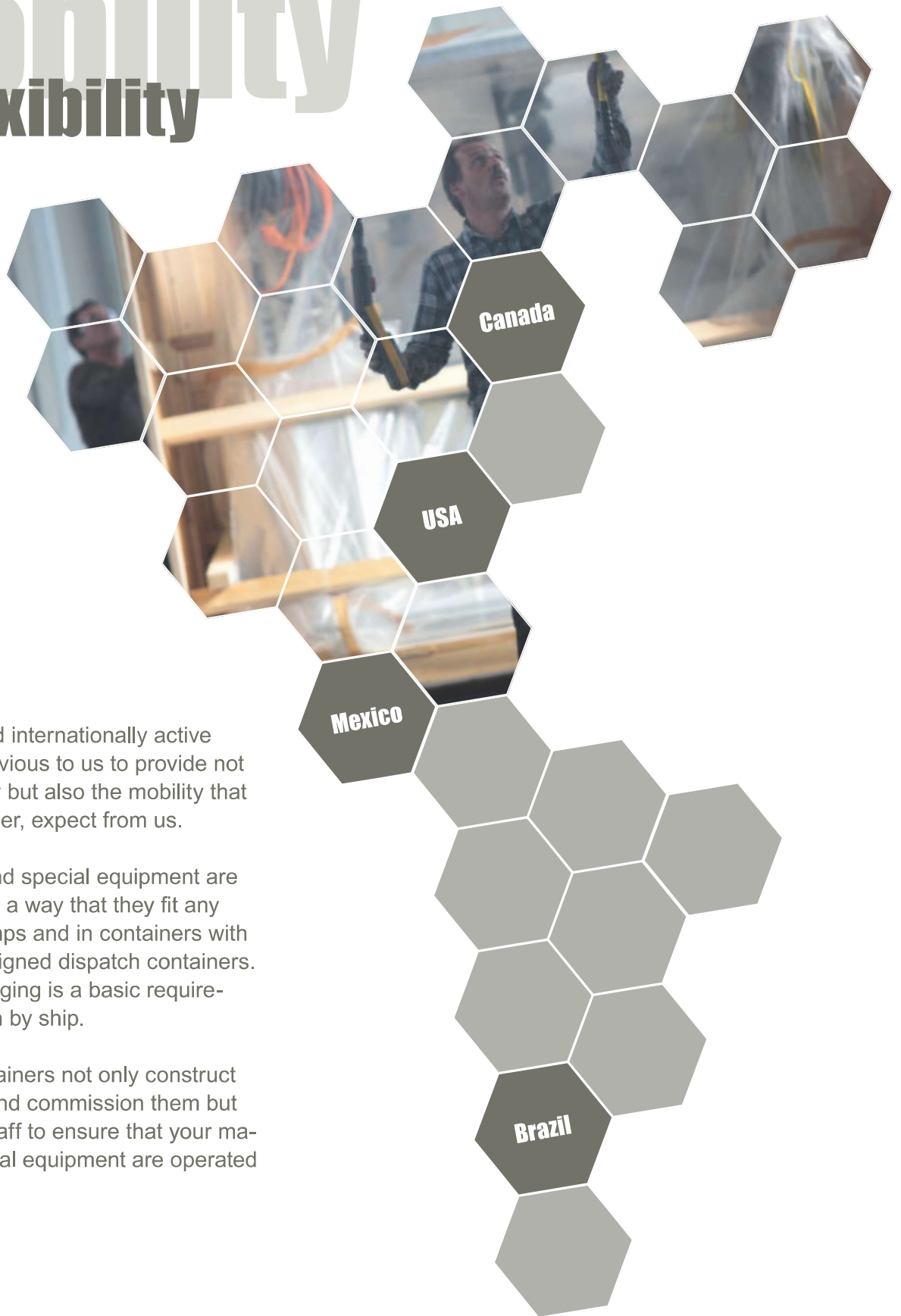
The more varied the challenges of the industries and technical issues successfully served by us are, the more our innovative capacity has been called on and shaped. We profit from the variety of our work in order to ask our customers the right questions about the desired and required manufacturing processes. Your answers result in the globally represented, efficient, special machines from the Rotte company. It is only by tackling new issues that we keep our consultancy performance and implementation skills up to date - ask us.

We ask you the right questions and supply customised solutions for the

- Automobile industry
- Solar industry
- Rubber industry
- Robotics
- Wood processing industry
- Technical laminates
- Measuring systems
- White goods
- Tool machines
- Iron and steel dealers
- Lighting industry
- Plastics
- ...



# Mobility Flexibility

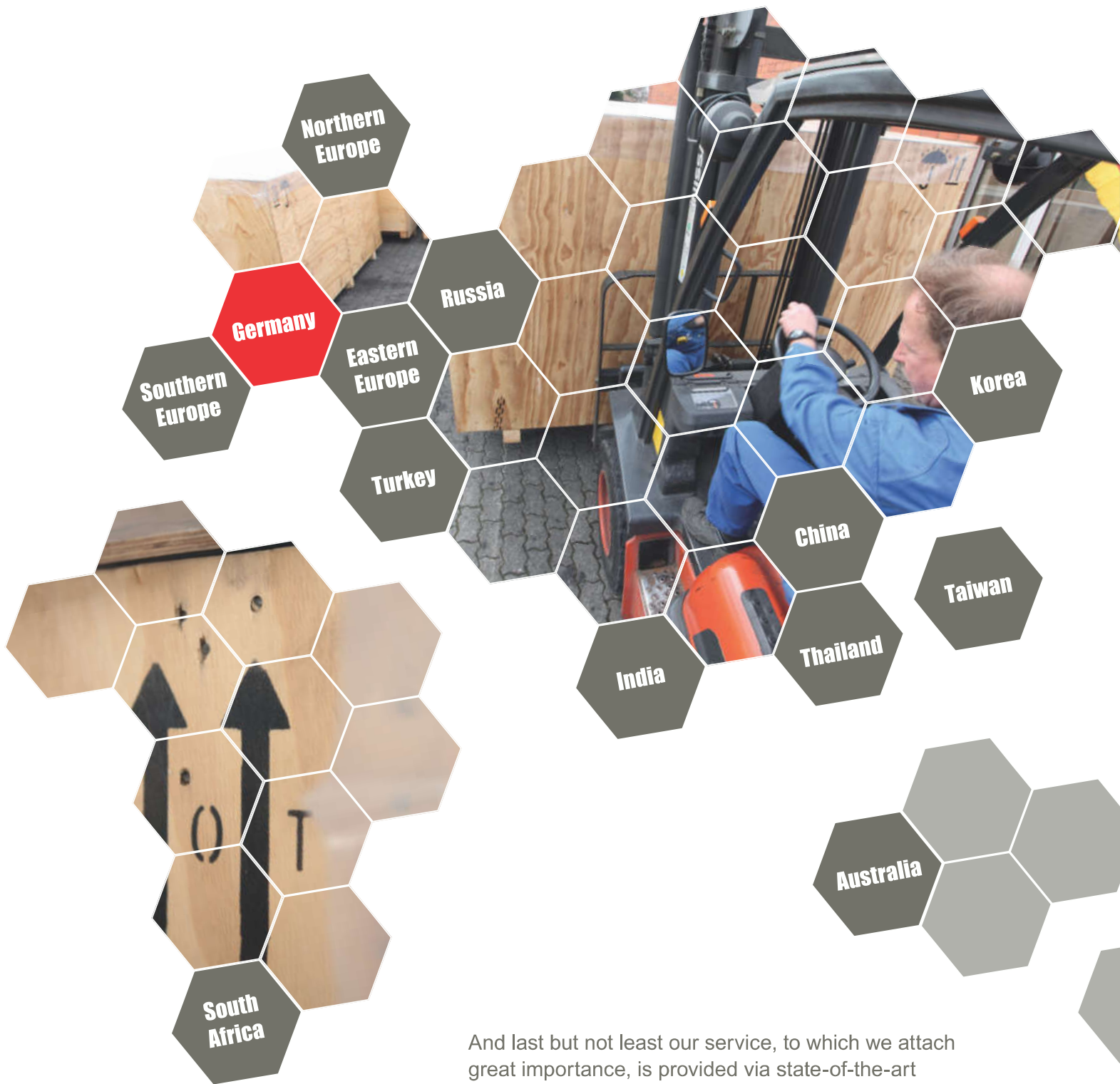


As a national and internationally active company, it is obvious to us to provide not only the flexibility but also the mobility that you, as a customer, expect from us.

Our machines and special equipment are designed in such a way that they fit any HGV loading ramps and in containers with the specially designed dispatch containers. Watertight packaging is a basic requirement for dispatch by ship.

Our fitters and trainers not only construct your machines and commission them but also train your staff to ensure that your machines and special equipment are operated smoothly.





And last but not least our service, to which we attach great importance, is provided via state-of-the-art communication channels. We are able to give support at any time via remote access to the PLC controls programmed by us and other programs.

Because our motto is:

**Anything's possible!**



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