

ZIMM Screw jacks

Movement with precision



zimm.com

ZIMM

Movement with precision



UPLIFTING PRECISE

"It is our aim at ZIMM to consistently improve our performance and raise the quality of our screw jacks to a new level. In the following pages, you can find out how we have managed to do so while always maintaining a high level of precision. Alternatively, you are always welcome to experience for yourself a guided factory tour."

Gunther Zimmermann
CEO

EUROPE'S LEADING MANUFACTURER

ZIMM Company

By choosing ZIMM, you are not only choosing an efficient partner, but also the number one in Europe.

There are five decades of experience within each ZIMM screw jack. Since 1991 we have been systematically improving our know-how regarding our ZIMM modular system, in order to meet your requirements as a customer faster, more precisely, and more reliably than one may at first expect. ZIMM is delighted to constantly improve our gearboxes and thankful to continue our success. This has made ZIMM the market leader in screw jacks in Europe and a sought-after supplier worldwide. At ZIMM you receive solutions that have been proven again and again, and have therefore convinced well-known machine builders and industrial companies in countless industries to also choose ZIMM. As an owner-managed family company, it is our concern to supply you with the best tools in the industry, outstanding delivery reliability and last but not least, our own personal touch.

THE TOP 5 ARGUMENTS FOR ZIMM

1

Flawless design in half the time

- Massive time saving in design
- Most efficient configurator in the industry
- Complete systems with all drives and connections
- Assemble proven standard parts yourself
- Software prevents design errors
- Generate and download CAD in real time

2

Most extensive modular system

- Proven standard customised components
- More than 7,000 useful combination options
- Complete lifting systems including drive motors
- Engineering service for special requirements

3

Pioneering product design

- Continuous improvement and further development
- Harmonious design also for a visible installation
- Well thought-out details and product advantages
- Standardised interfaces and installation sizes

4

Proven and tested quality

- From Europe's leading provider
- Standard anti-corrosion protection
- Comprehensive test, measurement and inspection systems
- ISO 9001: 2015 certified

5

Reliable and fast delivery

- Order processing via website possible
- Flexibility and capacity for large quantities
- High delivery reliability
- Short delivery time

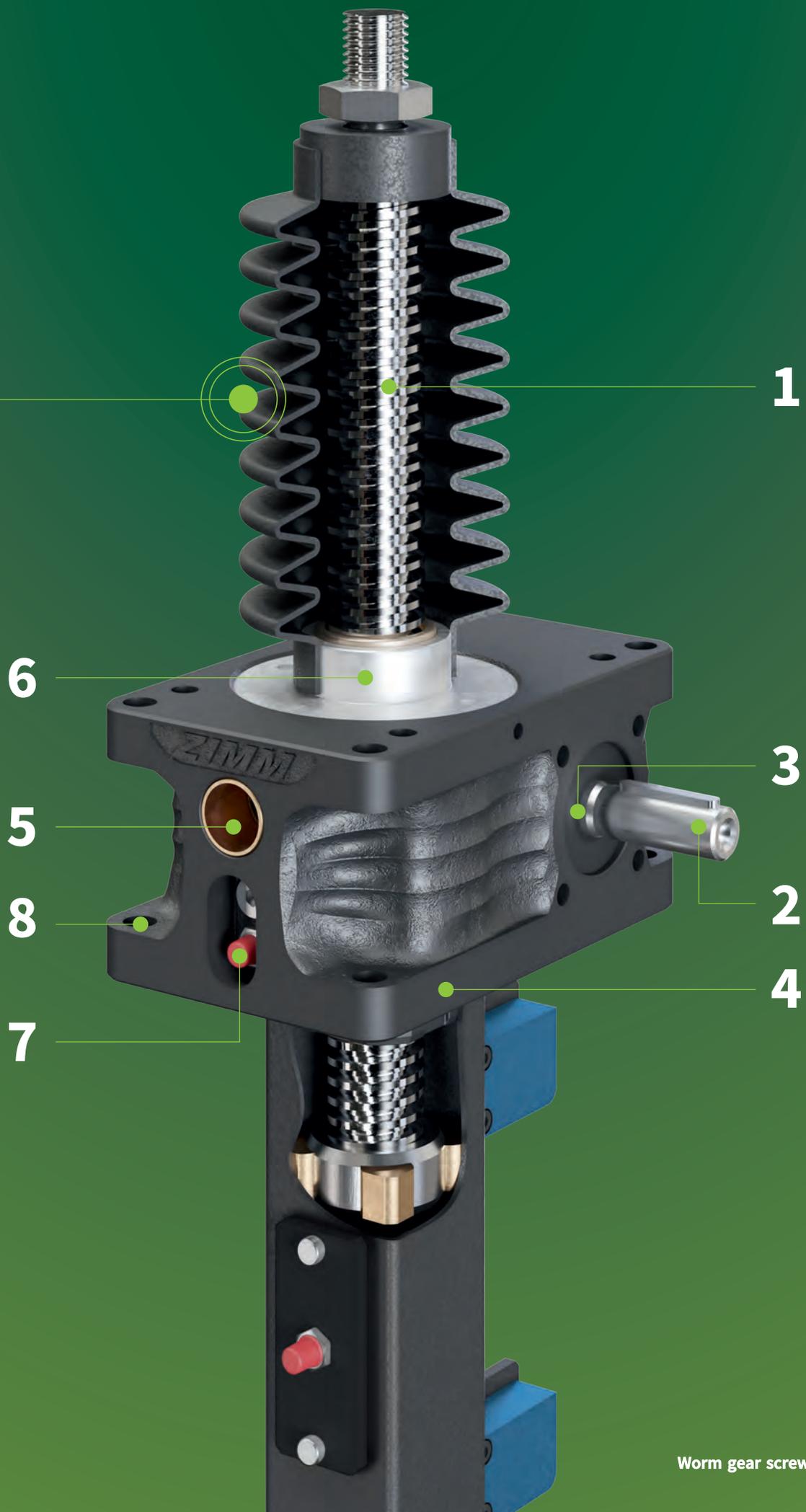
KEY BENEFITS FOR EVERY USE

Screw jacks are a modern technology for precise lifting and positioning of components or loads. Numerous details and equipment make ZIMM drives the first choice.

With their performance, accuracy and economy, screw jacks outperform hydraulic solutions in more and more applications. ZIMM screw jacks also shine with a number of features that they already have in the basic equipment ex works. The most important advantages can be seen in the adjacent figure.

ZIMM screw jacks

- 1 Spindle with trapezoidal or ball thread**
Depending on the requirements for economy, accuracy and speed
- 2 High performance gearing**
Hardened and ground for outstanding durability and energy efficiency
- 3 Standardised flanges and attachments**
In stock for commercially available engines
- 4 Corrosion protection ex works**
Consistent basic protection as standard; further protection levels and desired colours possible
- 5 Integrated sliding swivel bearings**
Matching bearing blocks, as standard
- 6 Sealed gear**
Lubricated-for-life for high speeds and operating times
- 7 Lubrication without downtimes**
Lubrication possible also during operation
- 8 Ready for all installation positions**
With prepared holes for all types of installation; Installation upside down with nominal load



AREAS OF APPLICATION



Steel industry, rolling mills



Paper and plastics industry



Antenna systems



Cranes



Timber industry



Cleanrooms



Food industry



Automotive



Straightening and profiling systems



Aerospace



Stage technology



Construction industry

FASTER AND EASIER TO THE COMPLETE LIFTING SYSTEM

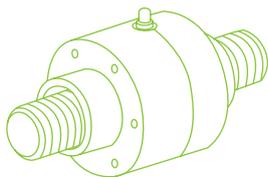
ZIMM modular system

At ZIMM, speed, know-how and customer friendliness have a system. The ZIMM modular system sets a standard with its scope, versatility and possible combinations. And above all, it offers you the possibility of putting together really complete lifting systems with attachments, connecting shafts, safety features and other.

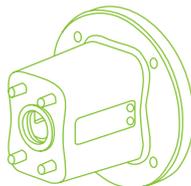


Basic element

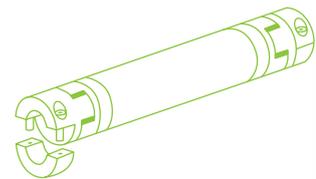
ZIMM screw jack in 14 sizes
with a lifting force of 2 kN to 1,000 kN;
more than 1,000 system components ex stock,
more than 7,000 combinations possible



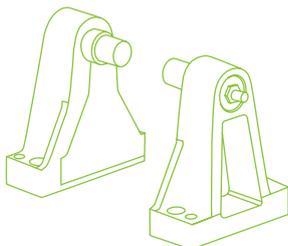
- + Spindles and nuts**
Versatile range from
16 to 160 mm in diameter
for trapezoidal and ball screws



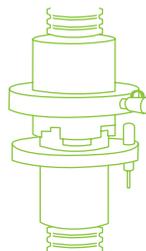
- + Flanges, motors
and attachments**
Common flanges, motors
and guards



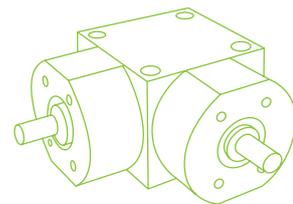
- + Connection shafts**
Large selection of connection
shafts and couplings



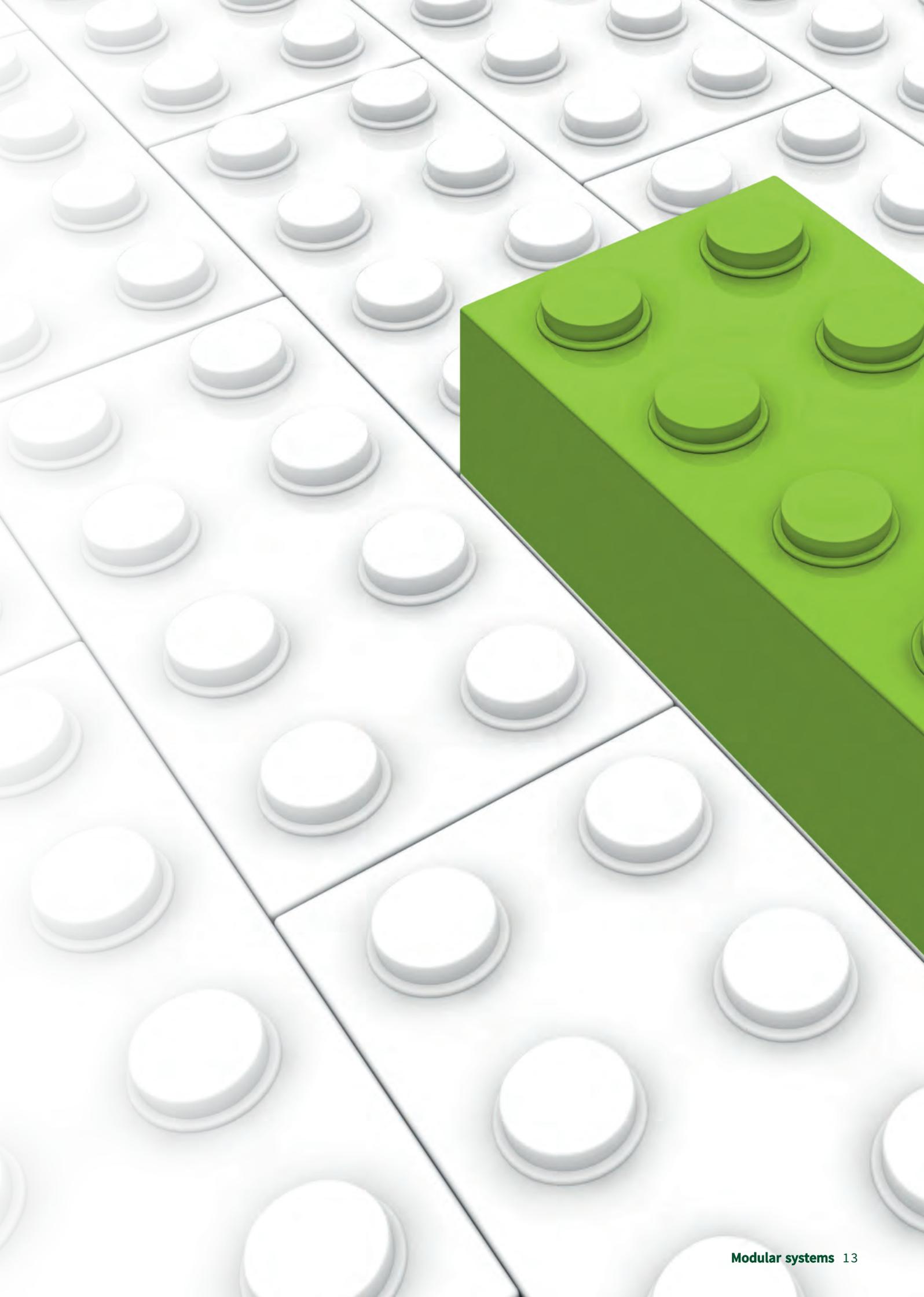
- + Accessories for
swivelling and tilting**
Suitable for all gear sizes



- + Security solutions**
Standard components protect
people and systems from failure



- + Bevel gear units**
42 different high-performance
bevel gear units



DIGITAL SERVICES WITH TANGIBLE BENEFITS

ZIMM configurator and app

ZIMM supports you with sophisticated digital tools during selection, construction and ordering.

The ZIMM product configurator accompanies you to your screw jack or lifting system easily, quickly and intuitively. Sophisticated plausibility checks in the background prevent planning errors. Discover the simplicity and download the required CAD data for your next project with ease!





The ZE Evolution app makes the boundaries between planning and the real world disappear. Immerse yourself and get inspired by the 3D representation of a ZE lifting gear including all attachments. Use the future-oriented possibilities to represent the gearbox in a real environment using augmented reality. Explore the product features in a digital constructed environment using virtual reality-mode of the app.

**Download the app
to your smartphone or tablet
via our website!**



www.appszimm.com





ZIMM BEARS ANY LOAD: FROM 2 KN TO 1,000 KN



MORE LIFTING FOR YOUR WISHES

Engineering

If your requirements go beyond the possible solutions of the standard modular system, our team of engineers will be happy to support you with an individual solution.

With special motors, special components, selected materials, special coatings and much more, our engineering significantly pushes the limits of use of the ZIMM screw jacks once again - of course based on neatly documented calculations, construction plans, test series and test results. Just tell us your wishes. ZIMM does the delivery.





EVERY TENTH DRIVES THE IDEAS

Research & Development



Constantly researching new things and developing the tried and tested, that is the innermost drive of ZIMM. No wonder that every tenth person in our team deals with innovations.

ZIMM operates its own test laboratory in the factory, where a variety of tests and examinations is possible. In this way, we continuously gain valuable data for quality improvement and as confirmation of our product development. Cooperation with renowned research institutes and service providers also breaths fresh air into the development work of our engineers. In short, we are constantly working on mastering your next challenge even better than the one before.

SP80

RENSCAN™ technology

SP80

RENSCAN™ technology

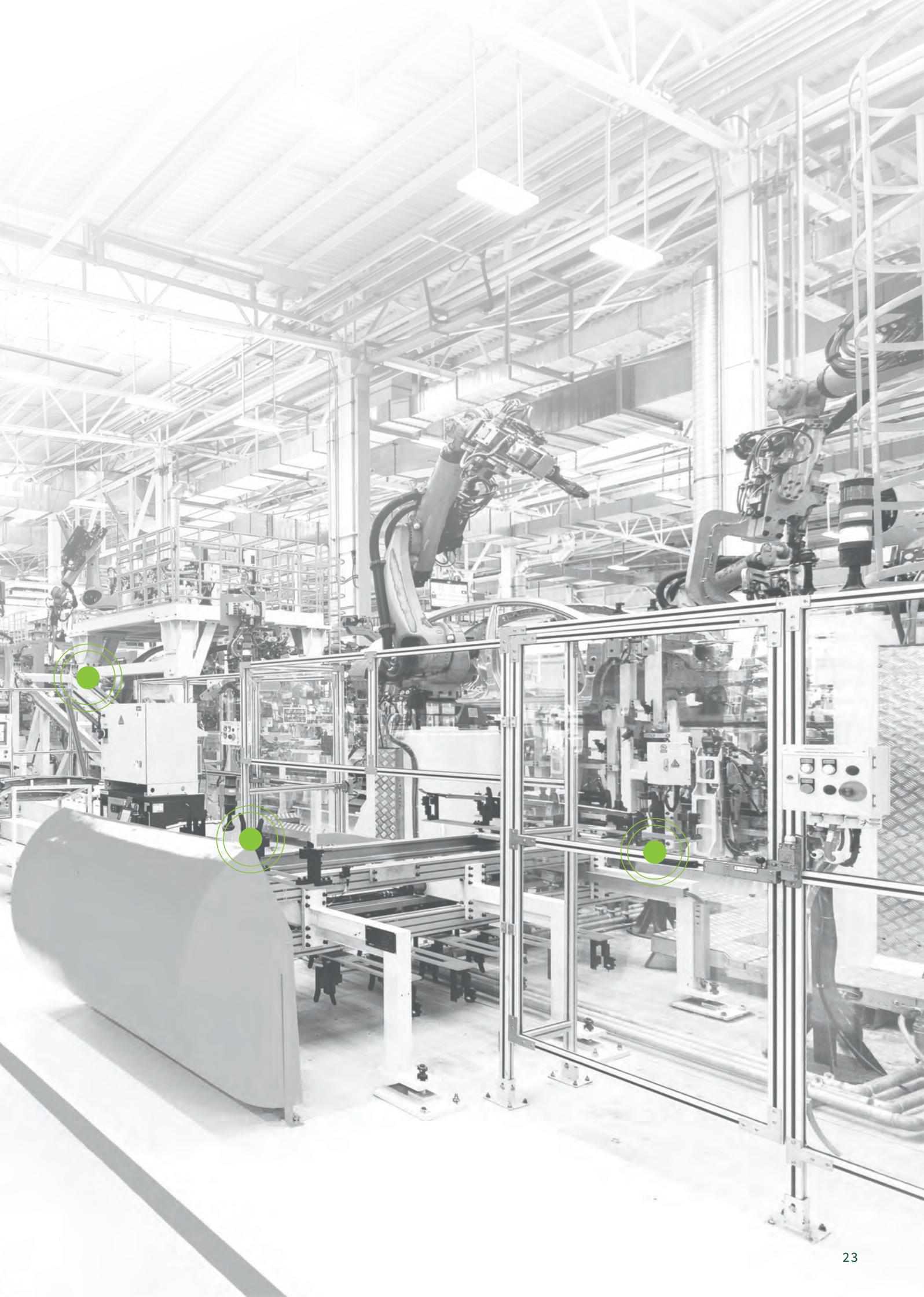
RENISHAW

RENISHAW



ZIMM DEFINES THE LEVEL, EVEN IN PRODUCTION

A long, brightly lit industrial production line with various machinery and equipment. The floor is polished and reflects the overhead lights. The machinery is arranged in a long row, extending into the distance. The overall atmosphere is clean and professional.





Location Lustenau



Location Ohorn

MADE IN LUSTENAU AND OHORN

Locations



ZIMM Germany GmbH Ohorn, Germany

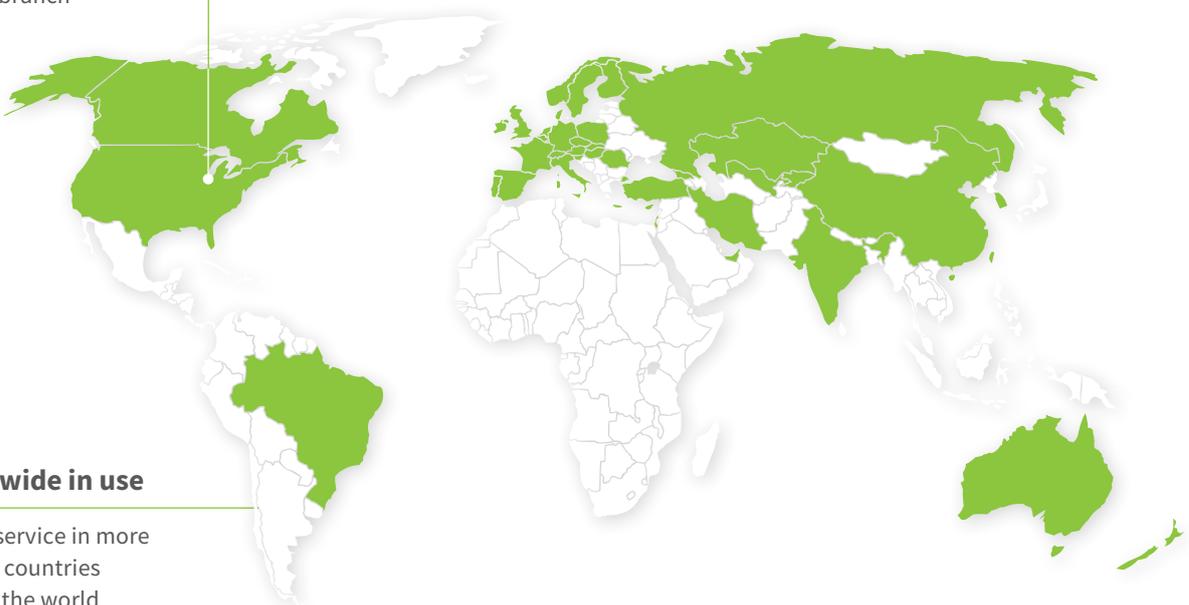
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Development and production
Industrial gear units

ZIMM GmbH Lustenau, Austria

Head office of ZIMM Group
Development and production
Screw jacks

ZIMM USA Inc. Bloomingdale/Chicago

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Worldwide in use

Global service in more
than 40 countries
around the world

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