

# Castors and Wheels

General Catalogue G16



# Blickle G16 general catalogue



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Issue A1



 **Blickle**

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**1**

**Light-duty wheels and castors**



📦 40–280 kg  
 ⚙️ 35–150 mm  
 page 118–149

**2**

**Synthetic castors**



📦 50–125 kg  
 ⚙️ 50–125 mm  
 page 150–181

**3**

**Wheels and castors with rubber tyres**



📦 50–4,580 kg  
 ⚙️ 60–620 mm  
 page 182–237

**4**

**Wheels and castors with pneumatic tyres and super-elastic solid rubber tyres**



📦 50–1,885 kg  
 ⚙️ 180–536 mm  
 page 238–253

**5**

**Wheels and castors with polyurethane tread**



📦 100–30,000 kg  
 ⚙️ 35–1,000 mm  
 page 254–327

**6**

**Nylon and polypropylene wheels and castors**



📦 75–50,000 kg  
 ⚙️ 35–1,000 mm  
 page 328–371

**7**

**Cast iron and steel wheels and castors**



📦 250–15,000 kg  
 ⚙️ 65–300 mm  
 page 372–385

**8**

**Stainless steel castors**



📦 40–800 kg  
 ⚙️ 50–200 mm  
 page 386–421

**9**

**Antistatic and electrically conductive wheels**



📦 30–15,000 kg  
 ⚙️ 50–300 mm  
 page 422–437

Blickle  
product code system

Addresses of Blickle  
sales subsidiaries  
and representative offices

Alphabetic product /  
series number list

Alphabetic  
keywords list

Blickle  
product information

page 626

page 627–629

page 630–632

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page 635

## 10 Heat-resistant wheels and castors



📦 65–1,400 kg  
🌀 80–250 mm  
page 438–471

## 11 Spring-loaded castors



📦 200–2,400 kg  
🌀 100–300 mm  
page 472–489

## 12 Compact and levelling castors



📦 75–2,000 kg  
🌀 35–125 mm  
page 490–509

## 13 Guide rollers



📦 15–530 kg  
🌀 25–125 mm  
page 510–521

## 14 Flanged wheels and castors



📦 50–9,000 kg  
🌀 50–400 mm  
page 522–535

## 15 Drive wheels, hub fitting wheels and basic wheels



📦 200–25,000 kg  
🌀 75–1,000 mm  
page 536–553

## 16 Wheels and castors for pallet trucks, forklift trucks and other industrial trucks



📦 220–1,200 kg  
🌀 60–343 mm  
page 554–579

## 17 Tyres and press-on bands



📦 190–12,000 kg  
🌀 125–645 mm  
page 580–589

## 18 Special systems and solutions



page 590–623





**A company in motion**





We innovate mobility.



“Our aim is to develop the perfect castor and the best possible wheel for every application. Whenever anything has to be moved by people, machinery or equipment, we provide innovative products and services to meet our clients’ requirements. Worldwide.”

Reinhold Blickle, CEO



# We work for you. And with you. Blickle – A company in motion.

**We have been one of the three leading manufacturers of wheels and castors worldwide for decades because of our reliability, commitment to innovation and focus on the customer.**

Blickle is committed to outstanding quality, high availability, reliable deliveries and maintaining a global presence. Our highly motivated employees develop the perfect products for a wide range of applications. The main tools at their disposal are good ideas, a creative spirit, many years of experience and a high level of expertise in material and manufacturing technology.

The customer is our top priority. We stay in constant communication with our users to ensure that all of our individual solutions and our unique standard range of wheels and castors meet their requirements. This experience, combined with our own “Made in Germany” manufacturing facilities, guarantee one thing: “we innovate mobility”.

- more than 1,000 employees worldwide, over 750 of which are based at the headquarters in Rosenfeld, Germany
- 18 Blickle sales subsidiaries in Europe, North America, Asia and Australia
- sales partners and representative offices in over 120 countries worldwide
- DIN EN ISO 9001, DIN EN ISO 14001 and DIN EN ISO 50001 certified







As a family company, we value consistency. Dr. Sarah Blickle-Fenner and David Blickle are the third generation of the family to be involved in the company, along with Reinhold and Denise Blickle.



Our headquarters are in Rosenfeld, Germany. This demonstrates our commitment to quality and manufacturing products “Made in Germany”.



# A reliable partner for many years. We have a tradition of progress.



**1953**

Pioneer: Heinrich Blicke establishes his company with eight employees, and begins to manufacture iron wheelbarrow wheels in his workshop.



**1961**

Fate: Company founder Heinrich Blicke dies. His wife Elisabeth Blicke takes over the company.



**1967**

The first steps towards a global market: First sales branch established in Switzerland.



**2006**

New production: Blicke begins to manufacture synthetic products.



**2010**

Investments: Logistics centre built with automatic high-rack warehouse and small parts storage.



**2015**

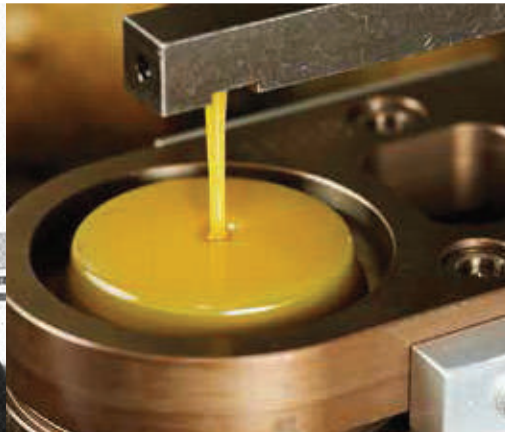
New electro-mobility segment: Blicke begins to manufacture driven wheels and castors.

To be successful, you need to look to the past to learn how to prepare for the future. We have a tradition of progress. Founded in 1953, today we are one of the three leading manufacturers of wheels and castors worldwide. That's proof of our expertise. Quality. And innovation.



**1977**

The second generation: Reinhold Blickle, son of the founder and the current Managing Director, joins the company.



**1998**

New technology: Blickle begins to manufacture polyurethane wheels.



**2002**

Growth: Blickle builds a new administration building.



**2017**

The third generation: Dr. Sarah Blickle-Fenner and David Blickle join the company.



**2018**

Expansion into the US market: A new warehouse and administration facility covering more than 5,000 m<sup>2</sup> is built in Newnan, Georgia.



**2020**

New construction in Rosenfeld: Blickle adds a customer service centre and expands the administration building. Blickle also builds a new production facility to manufacture polyurethane wheels.



OUR BUSINESS SEGMENTS.

Blickle gets the world moving.  
Know-how in every sector.



INTRA-LOGISTICS



MACHINE AND SYSTEMS ENGINEERING



CONVEYOR

**Our wheels and castors provide mobility in almost every sector and industry.**

We have developed a wide range of specific solutions on the basis of our decades of experience and our expertise in a wide range of markets. This means that we have the right product for every application and every environment.





TECHNOLOGY



HYGIENE / MEDICINE / DESIGN



MOBILE DEVICES AND EQUIPMENT



BLICKLE INTERNATIONAL.

Expertise knows no borders.  
Represented worldwide. Close to you.



Blickle France



Blickle Finland



Blickle Switzerland



Blickle China





**Blickle sets the standard for fast, efficient service, with global coverage.**

Our tailored and expert advice, the quality of our products and our short delivery times have been praised by users on every continent. Our local specialists are there to help you, even with complex technical questions. Orders are quickly dispatched from our central warehouse in Rosenfeld or our well-stocked decentralised warehouses. And our reliable logistics quickly bring goods to wherever they are needed – anywhere in the world.

- 18 Blickle sales subsidiaries in Europe, North America, Asia and Australia
- representative offices and sales partners in over 120 countries worldwide
- local warehouses and direct shipping for quick deliveries
- international trade fairs



**Blickle sales subsidiaries:**

- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- Finland
- France
- Italy
- Netherlands
- Norway
- Romania
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom
- USA



Blickle Canada

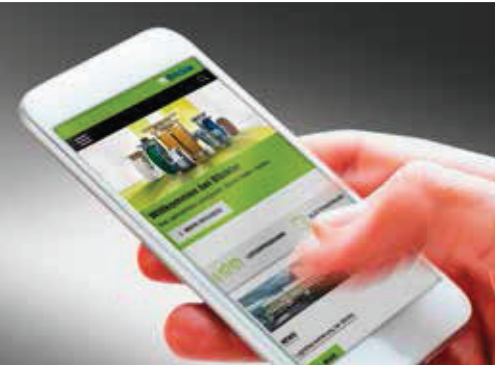


Blickle USA



OUR FOCUS ON THE CUSTOMER TAKES ON MANY FORMS.

# Advice in all channels. We are there for you.



**Our commitment to innovation is not limited to our products.  
We continuously expand the range of advice and services that we provide.**

The heart of our customer service is the personalised and expert advice provided by our sales team and back office staff. We are also committed to expanding our digital offer: Our website sets new standards in terms of user-friendliness and the amount of information it provides. In just a few steps, you can select the right product for you. The website also provides all relevant product information, like CAD or technical data.

Our sophisticated e-commerce and e-procurement solutions minimise your processing costs. Clients in many countries can also order our products around the clock from our online web shop.

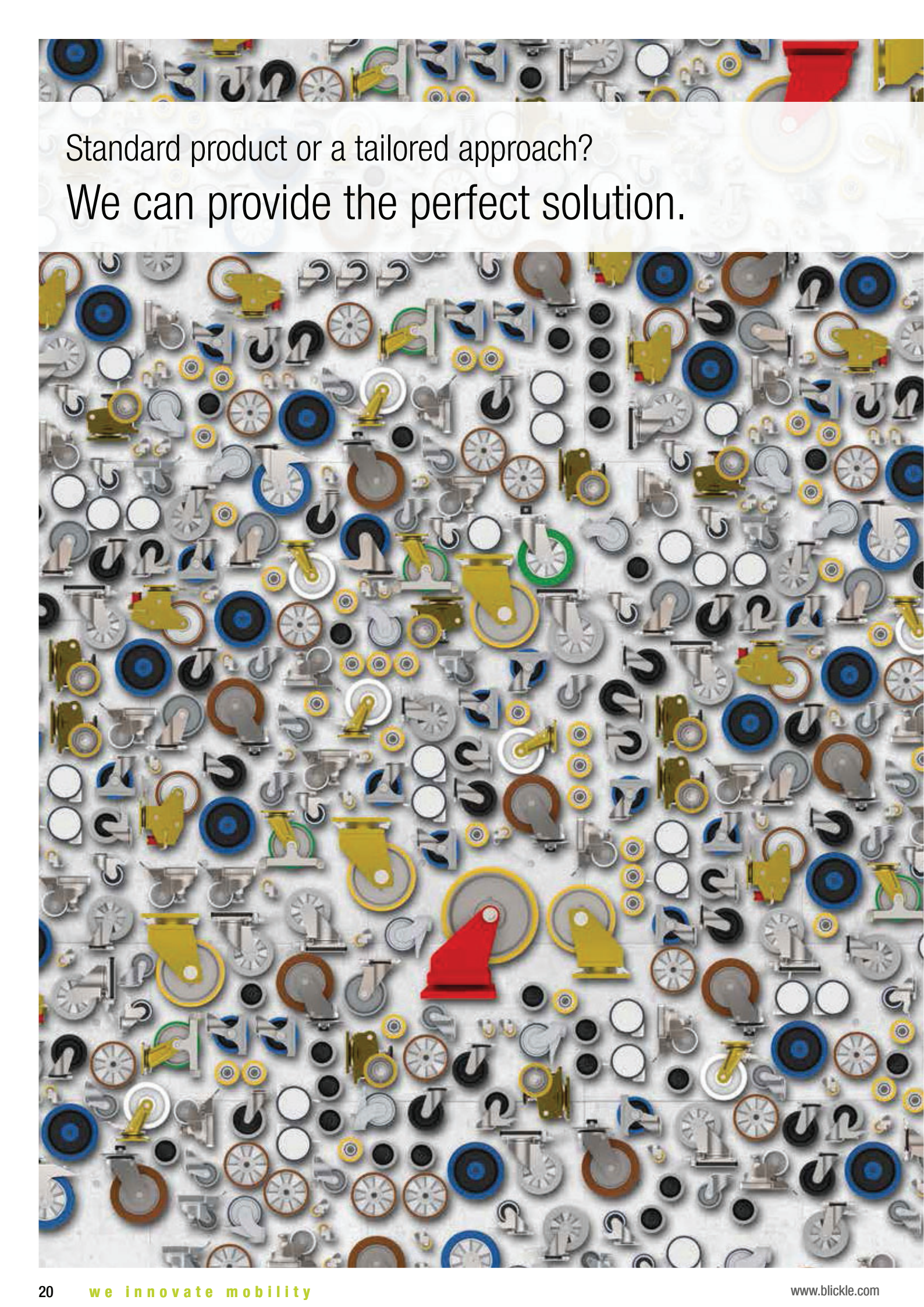
Take advantage of our tailored services:

- expert tailored advice from our sales team
- outstanding support from our back office staff
- informative Blicke website with product finder and online shop
- e-commerce and e-procurement solutions
- international trade fairs









Standard product or a tailored approach?  
We can provide the perfect solution.





WE ARE COMMITTED TO CUSTOMER SATISFACTION.

**To fulfill your requirements. If you can't find it in our extensive standard range, we can work together to develop a tailored product for you: Customising is one of our strengths.**

Our wide range of over 30,000 standard products provides the perfect solution for almost any situation. All of our products are high-quality, maintenance free, available quickly and have a long service life, as you would expect from Blicke. Our products also set new standards in terms of ergonomics and occupational safety.

Our quick and uncomplicated processes allow us to develop tailored solutions and ensure that they are integrated perfectly into your products. Our sophisticated combination of efficient mass produced series and highly-flexible, small-scale production abilities allow us to develop customising solutions in a quick and cost-effective manner.

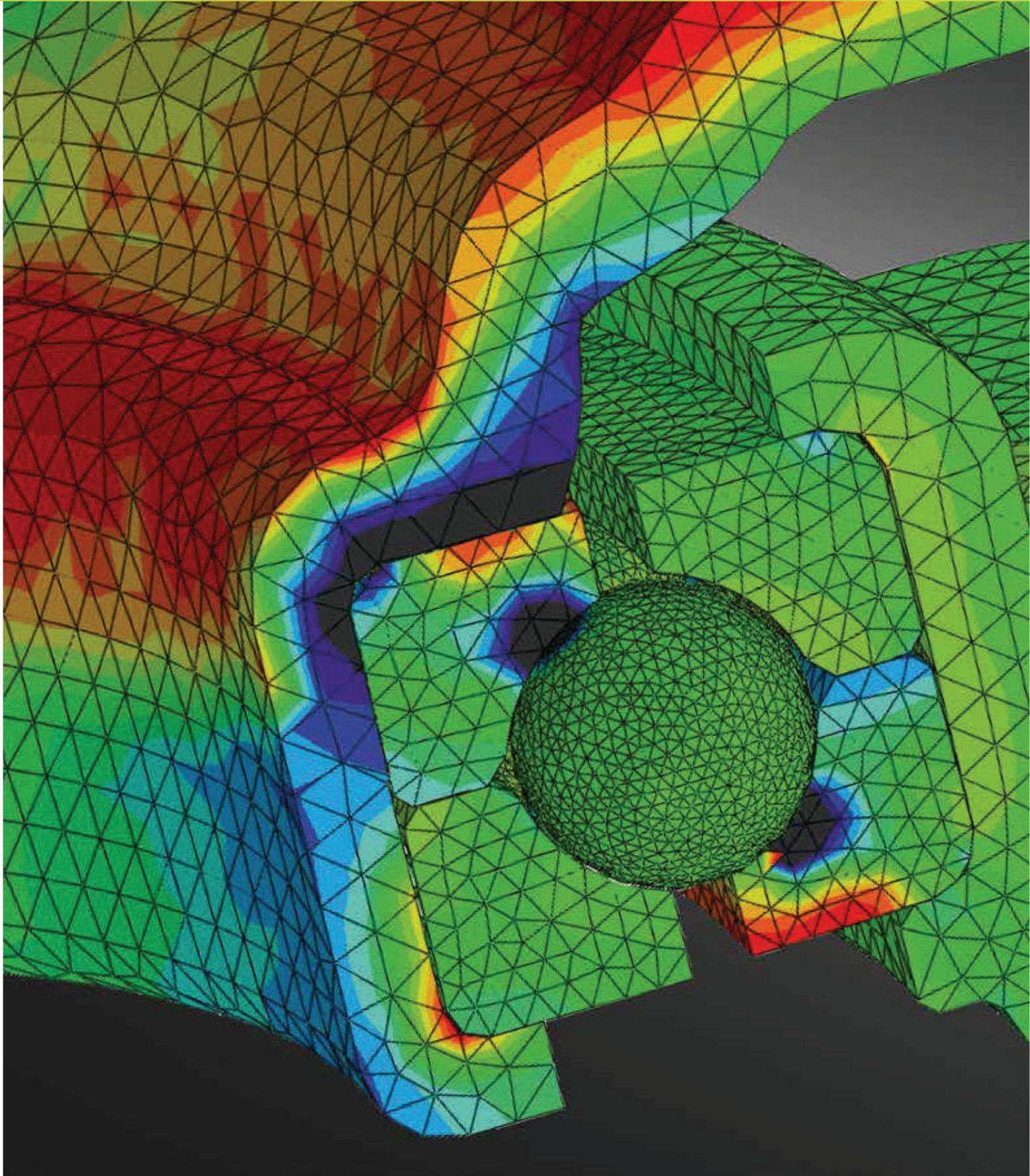
We are committed to constantly developing comprehensive system solutions for special use cases, such as electric drive systems and brake and steering systems.



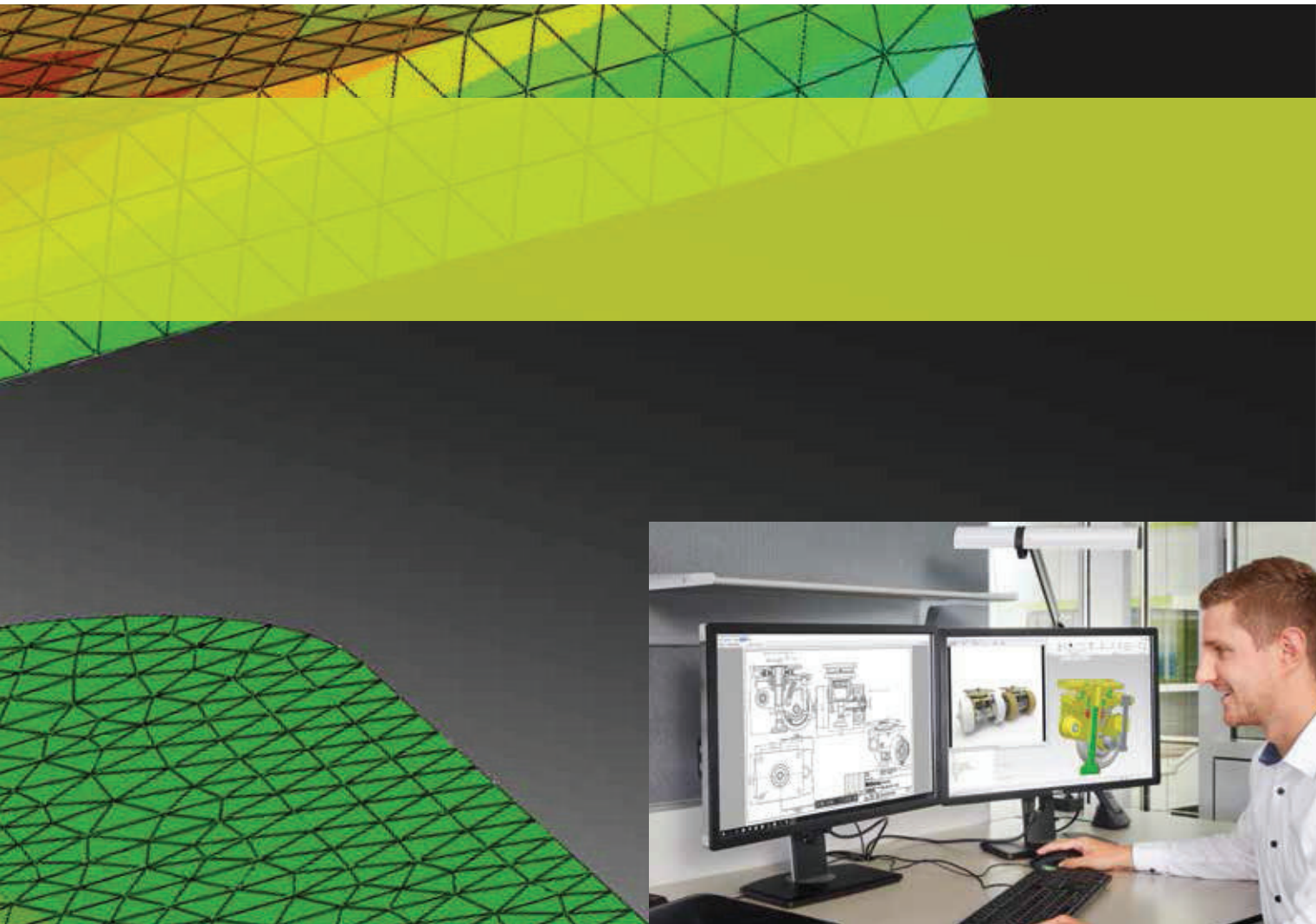


WE INNOVATE MOBILITY. EVERY DAY.

Our goal: The best possible solution for every application.  
Innovation. Research. Development.







**Your requirement is our welcomed challenge.  
We constantly develop new creative solutions.**

Our specialised expert teams are made up of experienced designers who know how to create perfect products to meet customer requirements.

Our developers use the latest methods, including linear and non-linear FEM, and keep close relationships with established scientific institutions to keep our ideas moving and to realize new possibilities. In addition to real-world technological developments, we also carry out basic research to optimise the materials that we use in our wheels and develop electrical wheel drive systems.



MADE AND TESTED IN GERMANY.

# We want your trust. Over the long term. Quality and control.

**Customer confidence is our most valuable asset. We earned this confidence thanks to our quality and reliability. Our vertical integration and “Made in Germany” production give us complete control over the entire manufacturing process.**

Our management systems, cutting-edge automated production and testing equipment and first article, last article and factory inspections guarantee a high level of quality and process reliability.

The engineers in our test laboratories have a wide range of test facilities at their disposal, including rotating test benches capable of handling a load of up to 5.5 tons, material testing equipment and air conditioning and heating cabinets. We use cutting edge equipment for wheel and castor tests in accordance with DIN EN 12527–12533 (ISO 22878–22884) in addition to destructive testing.







**ISO 9001**  
CERTIFIED  
QUALITY MANAGEMENT SYSTEM



**ISO 14001**  
CERTIFIED  
ENVIRONMENTAL MANAGEMENT SYSTEM



**ISO 50001**  
CERTIFIED  
ENERGY MANAGEMENT SYSTEM



MADE BY BLICKLE.

Maintaining standards by keeping it in-house.  
Tooling and steel processing.





**Leading the market is a challenge that we face every day. The Blickle way: manufacturing and developing everything from scratch. All of our tooling, mechanical engineering and steel processing is done in house.**

#### **Tooling and mechanical engineering**

We develop and build tools, equipment and systems in house to meet any requirement with our highly-qualified employees and cutting-edge machinery. This benefits you significantly in a number of ways: we can adapt mass-produced products to meet customer requirements in a quick and cost efficient manner. Our in-house tooling guarantees that none of our tools see any downtime and keeps our product quality high.

#### **Steel processing**

Our high level of vertical integration gives us complete control over quality and delivery dates. It also allows us to react with speed and flexibility to customer and market requirements.

Flexibility lies at the heart of our steel forming processes. Our comprehensive set of press equipment includes hydraulic and eccentric presses, some of which have servo drives, with a pressing force of up to 630 tons.

Our equipment is capable of handling coils that are up to 12 mm thick in a fully automated process. Our presses are set up to manufacture castors.

This allows us to efficiently manufacture large quantities while remaining flexible enough to produce small batches in a cost-effective manner.



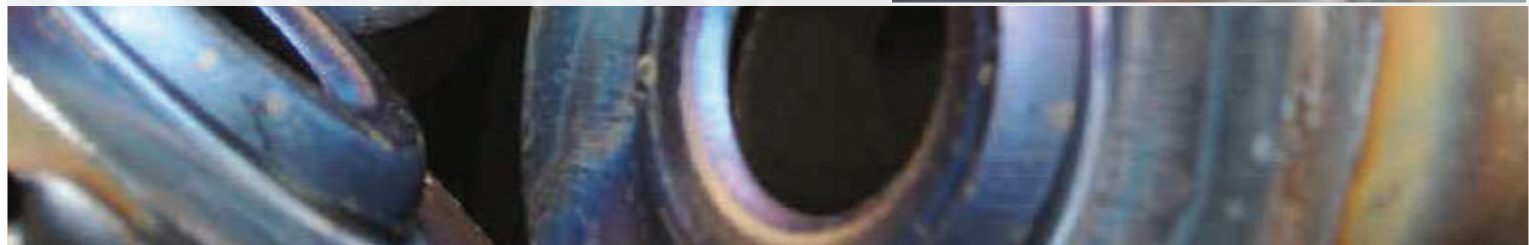
PRECISION IS THE SECRET TO OUR SUCCESS.

# Manual or automatic. But always precise. Welding.



**Good connections guarantee a long service life.  
Precision is the most important part of an effective weld.**

By hand when needed, and automated whenever possible. Our certified welders and cutting-edge welding robots guarantee outstanding quality and a consistently good end product. Without precise weld seams, our heavy-duty castors would not have the stability and safety on which our customers rely. Our welding processes are DIN EN ISO 3834-2 certified.









WITH POLYURETHANE, IT'S ALL ABOUT THE DETAILS.

Experience. Know-how. Ideas.  
Polyurethane in its best form.



**To produce high-quality polyurethane, you need the right formula and the proper processing techniques. That's why we committed ourselves to becoming polyurethane specialists.**

The quality of polyurethane wheels is affected by a number of different factors. We pre-heat, clean and prime the metal wheel centres in a fully automated process. We then use digitally-monitored machinery for the low pressure casting process. We then add precise quantities of additives like colour pigments, activators or antistatic agents. This gives us the flexibility that we need to meet the precise requirements of our customers.

- polyurethane wheels in all sizes, from 25 to 1,000 millimetres in diameter
- load capacities of up to 100 tonnes
- comprehensive quality inspections
- tread & tyre hardness from 75 to 96 Shore A
- special colours possible



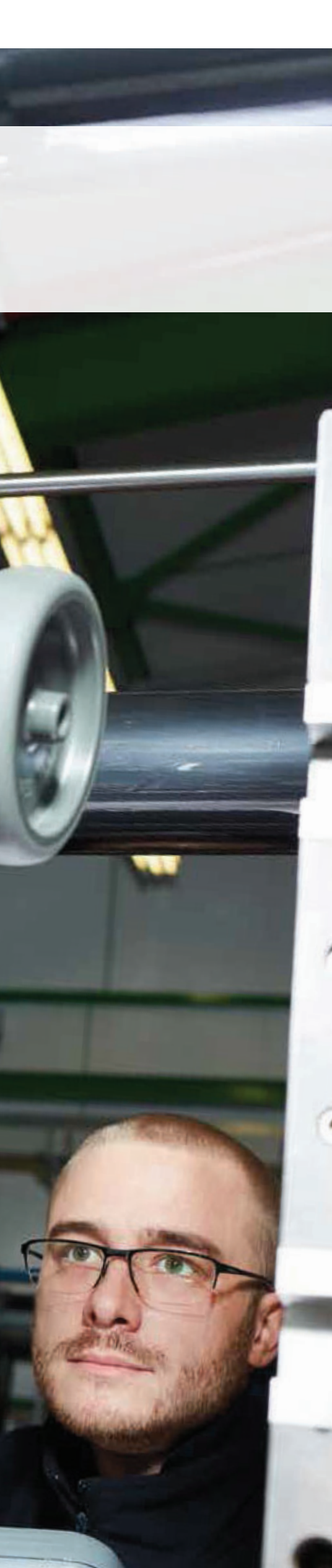


FLEXIBLE. VERSATILE. HIGH QUALITY.

Innovative plastics processing.  
Plastic injection moulding.







**To stay ahead of the market, you need to be flexible. We are able to produce a wide range of synthetic wheels and castors, including heat-resistant, electrically conductive, and glass fiber reinforced versions.**

We use a range of cutting-edge, high-performance machinery for the injection moulding of plastic parts. Our linked systems and 2K machines allow us to manufacture multi-component wheels in a fully-automated manner. Our extremely high performance tooling technology allows us to optimise our cycles while keeping our quality high.



QUALITY ON THE MOVE.

# Manufactured internally. Assembled internally. Assembly.

**We developed fully automatic high-quality, cost-effective and efficient production lines to assemble our brackets, wheels and castors. Benefit from our flexibility: We frequently work on small batches by hand to meet our customers' requirements.**

We manufacture over 20 million wheels and castors in our 100,000 square metre facility every year. That's more than 80,000 every day. We integrate a large number of testing and inspection stations into our production lines to maintain our certified, high-quality standards.









OUR MODERN LOGISTICS CENTRE.

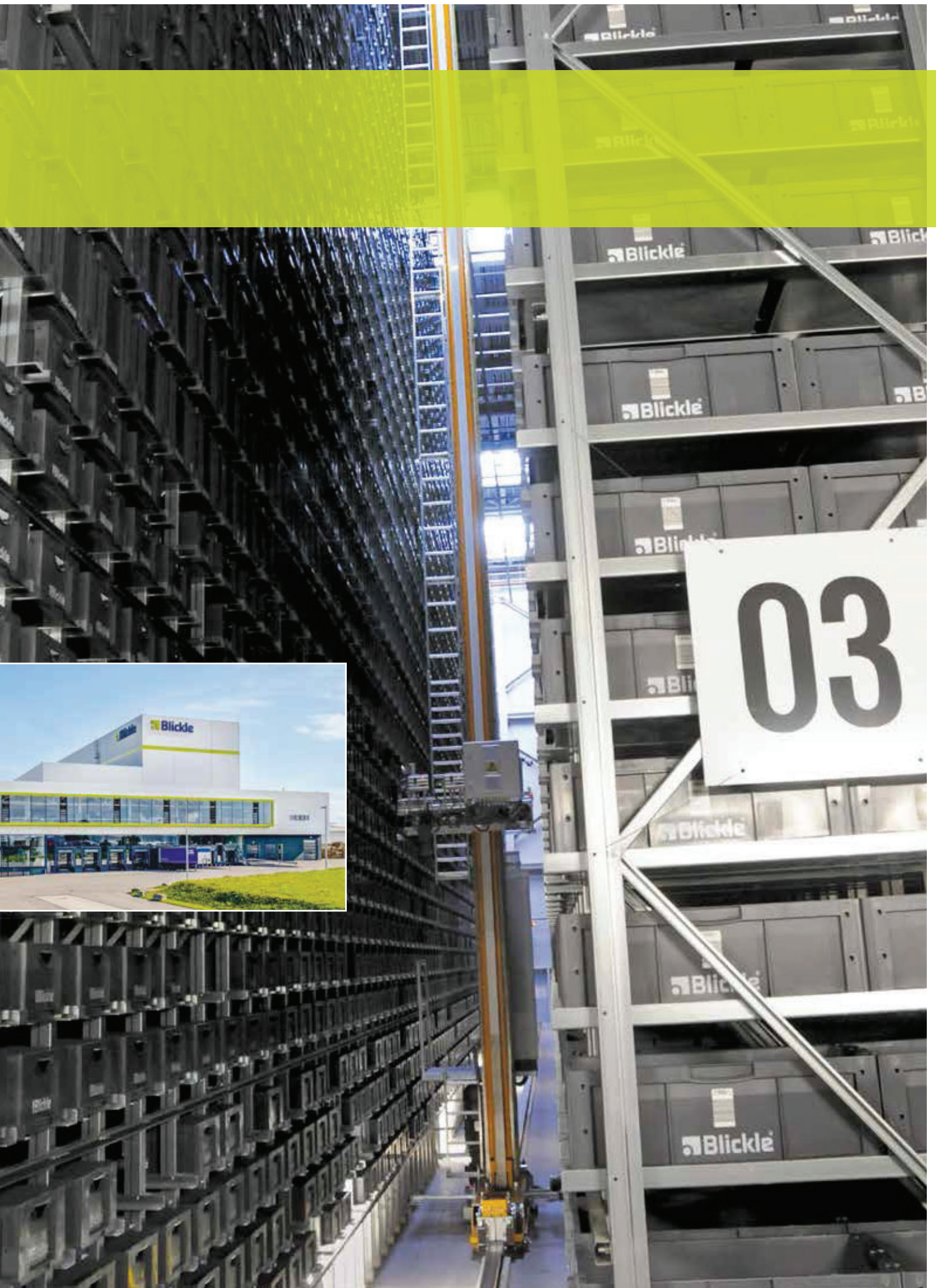
# Extremely quick. Extremely reliable. International deliveries done right.

**You can expect outstanding reliability from every area of Blicke. Our cutting-edge logistics centre guarantees top-quality deliveries: We have more than 24,000 different products ready to ship within one or two days across Europe.**

80 to 100 tons of goods leave our logistics centre in Rosenfeld every day. Our 40-metre high, fully-automated high-rack warehouse uses fully-automated rack feeders and has enough space for 43,470 Euro or cage pallets. The neighbouring fully-automated small parts warehouse has space for 54,000 more. This guarantees that materials get to our production facilities efficiently and that products are delivered to our customers quickly and reliably.









INNOVATION. NEXT GENERATION.

To stay ahead, you have to improve.  
We are taking mobility forward.

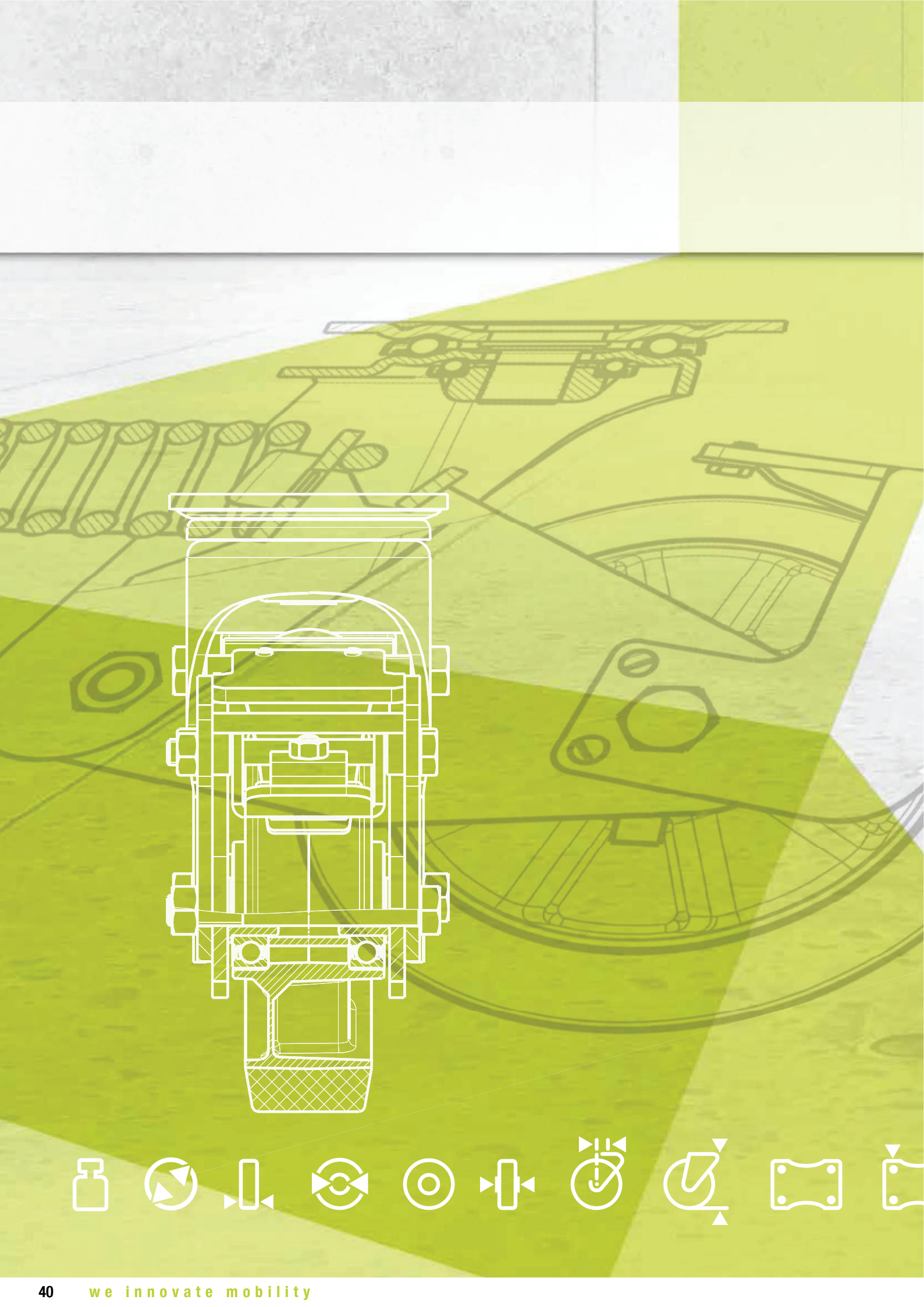




“The values that we have built up over the course of decades, such as reliability, innovation and responsibility towards our customers, employees and business partners, will continue to be at the heart of everything we do in future. We will keep on improving our mobility solutions so that we continue to make people’s lives and work safer, easier and more efficient.”

Dr. Sarah Blickle-Fenner, David Blickle





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