

Reliable mobility in the defence industry

Wheels and castors for the highest demands



DURABLE. PRECISE. SAFE.

The production of defence goods requires components that meet the highest demands. In this sector, precision, durability and absolute reliability are crucial – they determine the safety of complex systems. Every part of the value chain must therefore meet the strictest standards and permanently ensure the smooth running of highly sensitive manufacturing processes.

It is especially with wheels and castors that it becomes clear how crucial reliable components are for the entire production process. They must move heavy loads safely over long periods, operate reliably even under intense stress, and guarantee the highest level of safety at all times. Equally important is the protection of sensitive electronic components: even a single electrostatic charge can cause serious damage – specialised solutions are therefore essential.

But it is not only the products themselves that are decisive, but also the partner behind them. Worldwide availability, guaranteed subsequent delivery and uncompromising quality form the basis for trust and long-term planning reliability.

Blickle combines decades of experience with a global network and thus stands for values that are indispensable in this sector: top quality, absolute reliability and solutions that impress even under the toughest conditions.

Material transport



Mobile container



Tugger





train



Conveying technology



Access technology



STRONG. IN EVERY SITUATION.

Reliable mobility is achieved when every detail is right. For the special requirements of the defence industry, Blickle develops wheels and castors that function precisely and safely even under extreme conditions. Innovative materials, well thought-out designs and strictly tested quality ensure that movement remains reliable at all times, even under the highest loads.

UNBREAKABLE – EVEN WITH HEAVY LOADS

When it comes to transporting the heaviest loads, absolute reliability is required. Blickle bracket series have been developed to guarantee maximum stability and safety even under the toughest operating conditions.

But it is not only the brackets that are decisive. It is only the combination of special bearings, the optimal adhesion between wheel centre and tread, as well as the innovative Blickle treads, that ensures our solutions work precisely, reliably and with longevity even under extreme loads. Because precision and longevity are the prerequisites for smooth processes.





CUSTOMISING

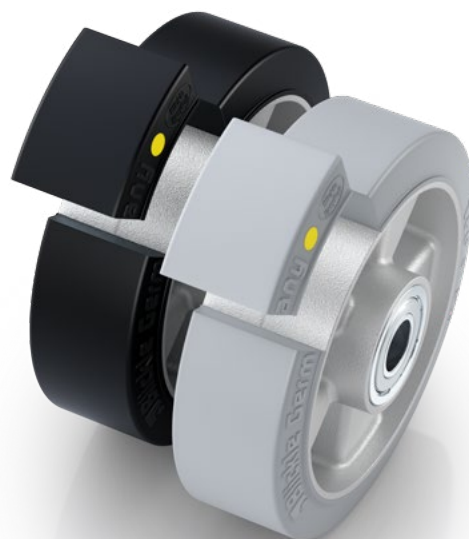
Customer-specific solutions are among Blicke's core strengths. Around half of all orders require customised developments, which are realised by expert teams with creative ideas and state-of-the-art technology. From special wheel materials to innovative drive systems – individual requirements can be specifically implemented through FEM calculations and scientific cooperation.

BE SURE THAT NOTHING BECOMES CHARGED



We are all familiar with the problem of electrostatic charging – friction creates voltage that wants to discharge somewhere. This can not only be painful for the operator, but also harmful to the goods being transported. Wheels and castors that are electrically conductive safely discharge electricity directly into the ground.

The risk of discharge to the operator or the goods being transported on the trolley should not be underestimated. If, for example, the goods being transported consist of electronic devices, permanent damage cannot be ruled out. This is particularly critical in areas at risk of explosion: there, uncontrolled discharges caused by sparking can even trigger explosions.

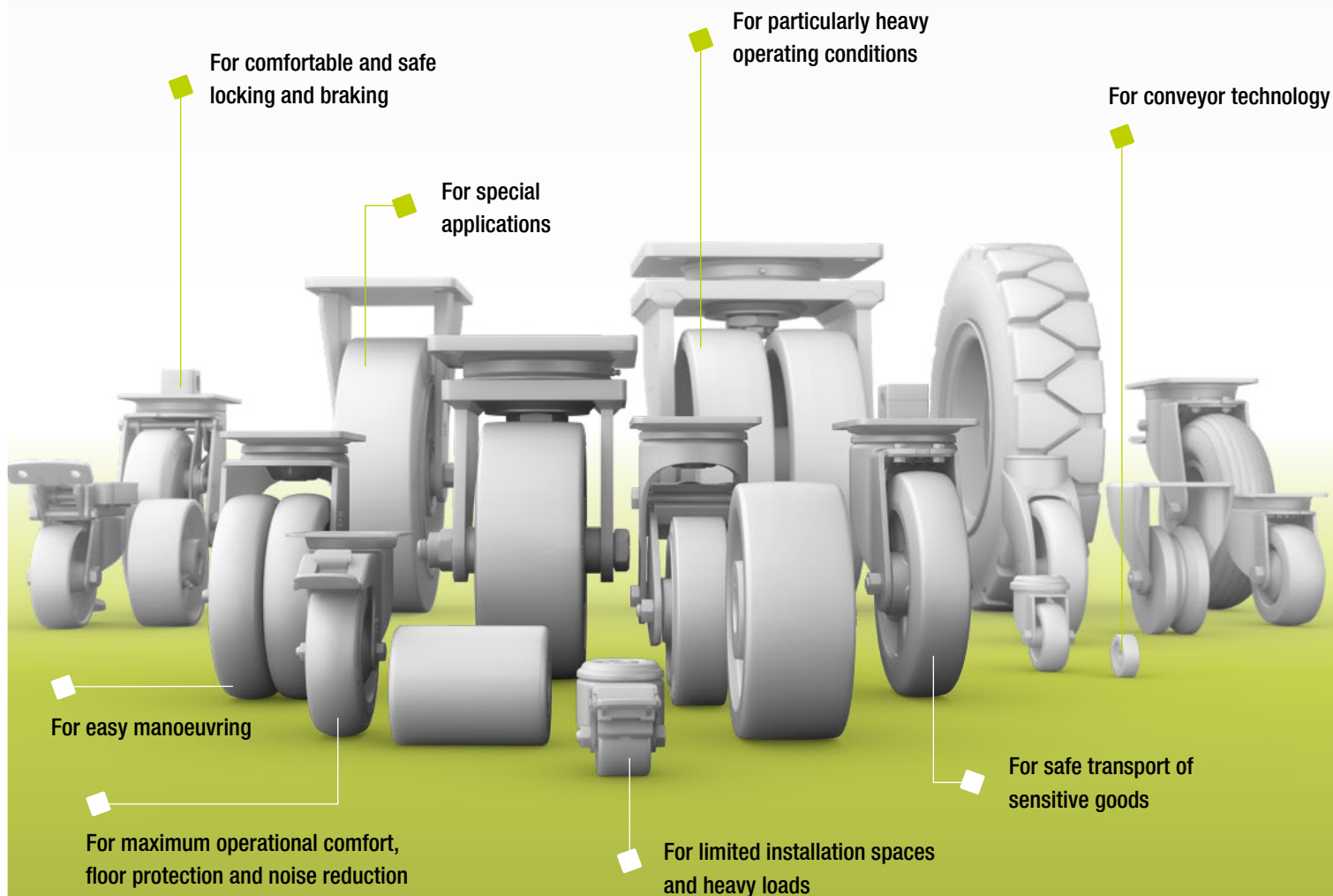


FOR THE HIGHEST DEMANDS

The Blicke standard range includes more than 30,000 wheel and castor types and offers the optimal solution for almost every challenge.

All products impress with their typically high Blicke quality, maintenance-free operation, longevity and rapid availability. They also set new standards in ergonomics and occupational safety. If a customer does not find what they are looking for in our huge

standard range, we take the individual route with them: **together we develop customer-specific concepts and implement them quickly and easily.**



In demanding applications, it becomes clear what really matters with wheels and castors.

Blickle wheels and castors impress not only in the laboratory, but above all in practical use. Numerous projects in the defence industry demonstrate that our products prove themselves in practice. The applications range from efficient, safe and flexible transport of containers to reliable use on mobile scaffolding, where precision, stability and longevity are crucial.

The excerpt from our reference list shows the worldwide use of our products and the long-standing cooperation with leading companies. This makes it clear: **Blickle solutions are just as reliable in practice as they were designed and tested during the development phase.**

Excerpt from our reference list:

- Airbus SE
- Diehl Defence GmbH & Co. KG
- General Dynamics Corp.
- Heckler & Koch GmbH
- Marshall of Cambridge (Holdings) Ltd.
- RENK Group AG
- Rheinmetall AG
- RUAG AG
- Saab AB
- Safran S.A.

Blickle solutions for the defence industry

Mobile scaffolding

- Blickle heavy duty castor LO-VLE: puncture-proof and robust
- Easy moving and safe locking of mobile scaffolding



Container movement

- Blickle container castor LSC-VLE: for efficient and safe container transport
- For containers with a total weight of up to 16,000 kg; suitable for ISO 1161 container corners



Transport stand

- Blickle heavy duty double castor LSD-GTH: high load capacity, even on uneven floors
- Safe and reliable transport as well as precise positioning of the transport stand



Moving everything. Anywhere.



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ErgoMove – The individual and modular electric drive system for in-house transport in the defence industry.



ErgoMove –
Operating concepts,
drive concepts and
accessories.