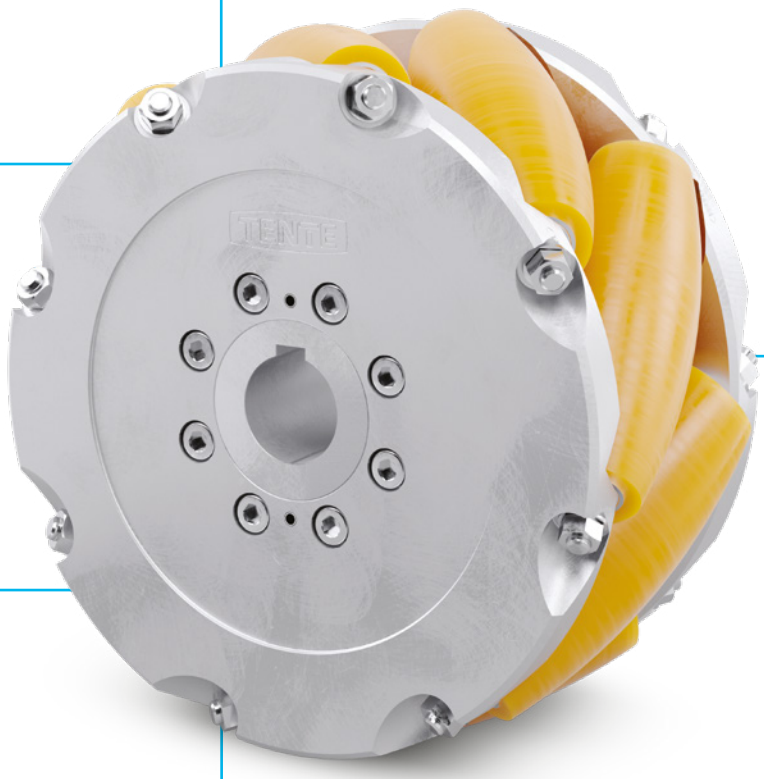
CUSTOMISED SOLUTIONS
FOR DEMANDING APPLICATIONS

Mecanum wheels are custom-made. Based on your requirements, we develop the right wheel and can use different materials and diameters to realise the best solution.

Diameters
Different diameters and dimensions possible.

Precise Bearings
Due to the complex functionality, we work with very precise bearings.



Load capacity
Different load capacities are possible depending on the diameter.

Customised Design
Individual design e.g. customer logo.

High-Tech Polyurethane
We can supply different high-performance polyurethanes such as Novatech, Ultratech and Ultratech plus. Find more information on this in our flyer:
www.tente.com/Polyurethane_solutions

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TENTE
BETTER MOBILITY. BETTER LIFE.

MOVES IN ANY DIRECTION
TENTE MECANUM WHEEL

Industry 4.0 is an industrial revolution that we are familiar with. The industrial market is looking for smart and efficient solutions to reduce production costs and avoid downtime. The technical demands on wheels are therefore constantly increasing. With our Mecanum wheel we offer a solution for maximum flexibility and manoeuvrability that meets the market requirements in automated guided vehicle (AGV) and autonomous mobile robot (AMR) applications.

The arrangement of the wheels allows the Mecanum wheel to move omnidirectionally and in any direction at any time. This guarantees you maximum flexibility and the best possible manoeuvrability. The use of Mecanum wheels enables very precise positioning, even in confined spaces. With Mecanum wheels, you can manoeuvre reliably, even with heavy loads.

Support and Development

What are your requirements? What challenges are you facing?
We will help you to develop the right wheel.

1. Analysis
We make an on-site analysis of your processes and applications.

2. Concept phase
We develop a conceptual idea for a mobility solution that is precisely tailored to your requirements.

3. Presentation
We present the concept to you in detail and discuss the next steps. Then you receive a prototype from us.

4. Testing
You can test this prototype extensively in connection with your application.

5. Implementation
We implement the planned project in close cooperation with you. In doing so, we use our entire development know-how.

Our Support
Long-term use of the wheel may sometimes result in the wheel being worn out or defective. Our service includes repairing the wheel so you can start using it again as soon as possible.

www.tente.com