# SOLUTIONS FOR INTRALOGISTICS EFFICIENT, ERGONOMIC AND SAFE







# YOUR PARTNER FOR BETTER MOBILITY

Our castors and wheels improve your intralogistics thanks to easy handling, maximum reliability, and above all, the comprehensive approach of our employees. We do not just offer you individual components, but intelligent system solutions. Solutions that ensure more efficient processes. You will find a wide range of castors for industrial applications and products for driverless transport systems. We are also the ideal partner for the automotive sector, because we possess extensive experience in this area, and have access to a strong industry network.

### MAXIMUM RELIABILITY

Whether short or long driving distances our castors and wheels meet the highest requirements. This means that we will provide you with solutions for low-vibration transport and good grip even on wet and slippery floors. Our non-marking products guarantee reduced abrasion and protect flooring.

### SOLUTIONS FOR HEALTH PROTECTION

Our wheels with optimised roll resistance take the strain off the user and ensure the application is ergonomically friendly. Our self-aligning castors ensure excellent driving stability with tugger trains while further reducing the strain on the user. Partially elastic foot protection reduces the risk of accidents and can also be used on uneven floors. We also provide you with electric drive systems that enable heavy loads to be moved effortlessly.

On the following pages you can find more information about our intralogistics mobility solutions. Please feel free to contact us for further technical details or a personal consultation.

## EFFICIENT TRANSPORT WITH E-DRIVE

The smart solution, our electric drive system, also known as the "E-Drive", allows employees to effortlessly transport a large volume of goods and not only improves productivity, but also enhances staff well-being and reduces operating costs.

### Practical system solution

Easy to integrate system solution consisting of drive unit, control module, manual operating unit, battery, charger and mounting set.

#### High flexibility

The E-Drive system can be individually configured according to the customer's requirements. The system can be easily integrated into existing applications. In stand-by mode, the drive wheel is retracted so that the trolley can be moved manually.

### Improved ergonomics

The ergonomic system helps to prevent discomfort in the neck, back, shoulders and hands among users especially in times of high demographic change. Ergonomic handling and operation means fewer absences due to illness, allowing a quick regain of the initial cost of the E-Drive system.

#### Increased productivity

The E-Drive makes operating processes more efficient, resulting in cost savings.



"From our point of view as a user, the flexible and easily controllable E-Drive solution provided by TENTE fits very well into our Kaizen approach." Axel Zühlke, Logistics Director at Esselte Leitz

Read more about the customer reference: www.tente.com/esselte-leitz

# SAVE TIME AND EFFORT WITH CENTRAL LOCKING CASTORS

Using a central operating lever, multiple castors can be locked simultaneously, thereby increasing productivity and reducing the user's workload.



### CENTRAL LOCKING POSSIBLE FOR THE FOLLOWING PRODUCT FAMILIES:



Alpha 200 - 400 kg 2160 - 200 mm



Delta <sup>2</sup> 540 - 600 kg 2 160 - 200 mm

5

## SAFE WORKING PROCESSES WITH ALPHA SAFETY

## 🖰 200 - 400 kg 🛛 💆 200 - 240 mm 🥥 160 - 200 mm

Our Alpha safety with automatic locking system can only be moved if the user keeps the operating handle pressed. When the handle is released, the castors are automatically locked and the working platform is instantly brought to a safe stance.



#### **Ergonomic use**

The handle for releasing the lock can be at a height that is easily accessible and convenient to operate.

### Easy to move

Thanks to the excellent running characteristics of the castor, it can be pushed effortlessly over long distances.



"TENTE Alpha safety is a solution with built-in workplace safety." Yves Hénoumont, Technical Service, SNCB

Read more about the customer reference: www.tente.com/sncb

## OPTIMISED SAFETY WITH FOOT PROTECTION

## 250 mm<sup>\*</sup>

With the foot protection system from TENTE you avoid accidents at work and ensure the highest level of workplace safety. The flexible rubber guards can also be used on uneven floors, and thus ensure problem-free transport.

#### **Protects employees**

The foot protector prevents any contact between the foot and wheel.

### Flexible use

Suitable for flat and uneven floors, as well as for driving over ramps and barriers at an inclination of 15°.

#### Retrofittable

The adapted fork from our Delta, Zeta and Kappa product family allows a fast and uncomplicated retrofit.

### **Flexible rubber**

The flexible rubber guard is shaped in such a way that they are pressed in towards the wheel as soon as the wheel comes into contact with the foot. This prevents the castor from moving over and crushing the foot.

#### **Robust steel**

A rigid guard rail made of steel is attached to the side of the wheel. This ensures that the foot is guided safely around the side of the wheel.



**Mounted foot protector** 



"With TENTE's solution we have improved both workplace safety and the protection of our products." Tobias Rüther, Corporate Safety Coordinator of the INTERPANE Group

Read more about the reference: www.tente.com/interpane

## IMPROVED ERGONOMICS WITH LINEA

## 🖰 120 - 150 kg 🛛 🗗 125 - 177 mm 🖉 100 - 150 mm

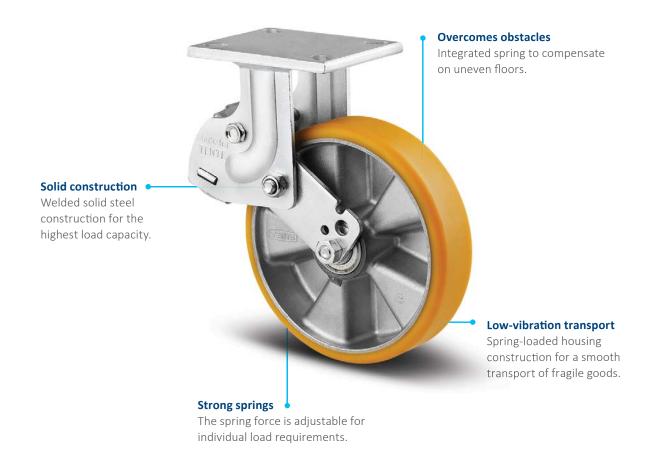
Unlike a castor with only one wheel, the TENTE Linea with two wheel action has an extremely low swivel resistance for easy maneuverability with little physical effort. Additionally, the combination of metal and plastic has numerous advantages for the user: The metal components offer high stability, and the plastic components have low vibration properties.



## SAFE TRANSPORT WITH KAPPA FLEX

## 🖰 360 - 750 kg 💿 🧭 160 - 200 mm

With Kappa Flex, your goods are transported safely. The spring-loaded housing construction and additionally integrated springs compensate for uneven floors resulting in a system that is perfectly and flexibly suited for every requirement and load.



9

## OPTIMISED WORKING PROCESSES WITH SCOUT

## 🔠 150 - 350 kg 🛛 💆 202 - 245 mm 🖉 160 - 200 mm

Thanks to its compact design, the Scout is the perfect solution for driverless transport trolleys. As the Scout is made from stainless steel, it is washable. We also offer a version which protects users and devices from electrostatic discharge.



10 You can find more information at **www.tente.com/scout** 

## UNINTERRUPTED PROCESSES WITH OMIKRON

## 🔠 2.000 - 11.000 kg 🛛 💆 170 - 570 mm 🖉 100 - 500 mm

We offer a wide range of high-load castors. The castor with the highest load capacity is our Omikron quadro castor for the safe transport of heavy loads. Extremely reliable due to solid construction and high-quality polyurethane running surfaces.

## Quick • maintenance

Swivel bearings lubricated with longlife grease and fitted with a grease nipple for easy maintenance.

## Long-lasting surfaces

Extra high-quality galvanising for a long service life under tough operating conditions. **Optional directional lock** For improved driving in a straight line over long distances.

### Protect floors with load distribution

Up to four wheels per castor distribute the load and minimise floor impressions.

### **Optimised manoeuvrability**

Castor with four wheels. Excellent manoeuvrability due to a differential effect.



"What convinced us was the durability of the special castors as well as the know-how of our partners at TENTE." Maarten Van Looveren, General Manager at AVT Europe

Read more about the reference: www.tente.com/avt-europe

# LESS WEAR AND TEAR WITH DURATECH WHEELS

Our robust Duratech wheels are strong and almost indestructible, made. They are of polyamide and duroplastic.



# INCREASED PRODUCTIVITY WITH ULTRATECH WHEELS

Outstanding performance due to premium polyurethane. Ideal for applications with heavy loads moving at high speed in tough working conditions.

Variable hardness Ideal material properties for every purpose.

**Non-marking movement** Protects sensitive floors.

> **High-speed** Suitable for high speeds.

**Optimised running properties** 

Flat and crowned profiles for application-optimised manoeuvrability.

Stable wheel body Aluminium, cast iron or steel wheel centre. Abrasion-resistant tread Less wear and tear.

## QUIET WORKING ENVIRONMENT WITH ELASTECH WHEELS

Quiet wheels made of elastic and silicone rubber for the highest running comfort to reduce noise emission.



Significant noise reduction.

**Non-marking movement** Protects sensitive floors.

> Washability Extremely hard-wearing and hygienic.

#### Certified conductivity

Safe for sensitive environments.

**Low-maintenance design** Reduced clogging due to thread guard.

> **Low-vibration transport** Protection of transported goods.

#### **Excellent performance**

Outstanding manoeuvrability and mobility due to highperformance material. **Constant heat resistance** For use in furnaces and ovens.

## HIGH LOAD CAPACITY WITH NOVATECH WHEELS

Thanks to cut-resistant and anti-static resistant material, Novatech wheels are the optimal low-maintenance solution for both tough operating conditions and sensitive environments.

> **Optimised running properties** Flat and crowned profiles for application-optimised running.

> > Abrasion-resistant tread Less wear and tear.

> > > **Cut-resistant material** Suitable for tough operating conditions.

**Antistatic option** Safe for sensitive environments.

> **Non-marking movement** Protects sensitive floors.

> > **Reliable construction** Feather key groove for safe drive.

### Stable wheel body Aluminium, cast iron or steel wheel centre.

# DIVERSITY WITH A SYSTEM OUR CASTORS

All of our products have their own specific qualities and strengths. Whether it's high design standards, specialist applications or exceptional load capacities – our range can meet your needs and be adapted to fit different models.

From the correct dimensions and technical specifications to the required configuration, our product families are able to offer the ideal solution – whatever you need. Contact us for more information or visit our website: www.tente.com

### **E-Drive**



🧭 125 mm

Zeta



<sup>2</sup> 300 - 800 kg
∅ 125 - 250 mm

Alpha



<sup>2</sup> 70 - 500 kg
 <sup>2</sup> 80 - 200 mm

Карра



Delta



🖰 300 - 600 kg Ø 125 - 200 mm

### Kappa flex



🖰 360 - 750 kg Ø 160 - 200 mm Delta twin



☐ 600 - 750 kg
 Ø 125 - 200 mm

#### Omikron





Stylea



Scout



<sup>1</sup> 150 - 350 kg
 <sup>2</sup> 160 - 200 mm

Aviana care



<sup>2</sup> 100 kg
Ø 75 mm

Stora



<sup>1</sup> 60 - 160 kg
∅ 75 - 160 mm





<sup>2</sup> 40 - 150 kg
 <sup>2</sup> 50 - 150 mm

Smiles



℃ 40 kg
Ø 50 mm

## Integral



<sup>1</sup> 100 - 150 kg
 <sup>2</sup> 100 - 200 mm

Aviana



🧭 75 mm

Mono



<sup>2</sup> 30 - 70 kg
Ø 50 - 100 mm

Anika



<sup>2</sup> 40 - 50 kg
Ø 55 - 75 mm

### Compacta



<sup>2</sup> 10 - 55 kg
 <sup>2</sup> 14 - 50 mm

### **Integral twin**



<sup>2</sup> 125 - 250 kg
 <sup>2</sup> 100 - 150 mm
 <sup>2</sup>

Agila



Galea



<sup>2</sup>60 - 100 kg
∅ 100 - 125 mm

Lumina



<sup>2</sup> 30 - 100 kg
Ø 35 - 75 mm

# EXPERTISE THAT INSPIRES

## **CONTACT US**

We are a globally operating company supporting you on five continents. This means on-site support with service on a level playing field – along with in-depth knowledge. Additionally, our solution experts will advise you on the best mobility concept for your needs. Go here to find your nearest TENTE location: www.tente.com/locations

## **INCREASE YOUR EFFICIENCY**

Our intelligent mobility solutions help you save time, effort, energy, and operating expenses. This allows you to improve your operating methods and working conditions, thereby optimising your processes and ensuring higher productivity, profitability and safety. Ask for our solutions catalogue or read about how our customers benefit from our tailor-made solutions on our website: www.tente.com/solutions

### SAVE DEVELOPMENT TIME

On our website you will find technical drawings, product data sheets and 2D and 3D CAD files in various formats: www.tente.com/products

## **GET MORE INFORMATION**

In addition to our informative website, you can easily download various catalogues and brochures on mobility solutions, customer references, and much more: www.tente.com/download





## www.tente.com



SAFETY



DESIGN



DURABILITY



ENVIRONMENT

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