

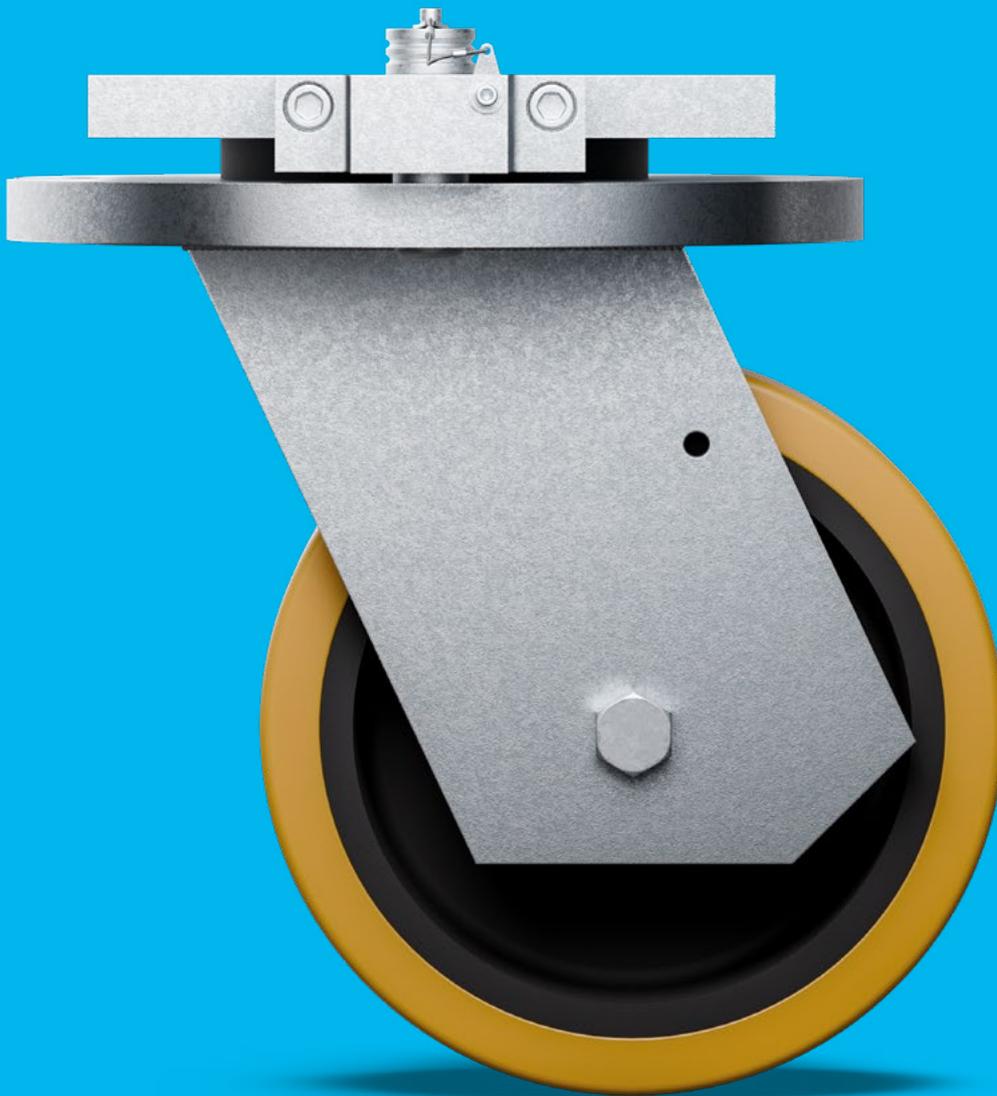
# PRODUCT INFORMATION

## OMIKRON

 1,200 - 15,000 kg

 195 - 610 mm

 100 - 500 mm

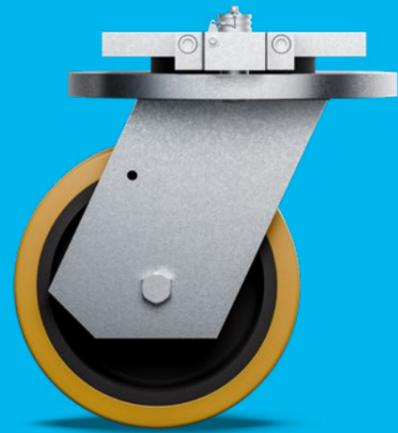


**TENTE**

BETTER MOBILITY. BETTER LIFE.

## HOUSING

PAGES: 4-7



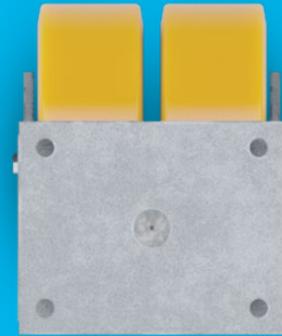
## WHEELS

PAGES: 8-11



## FITTINGS

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OUR CASTORS AND WHEELS

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CUSTOMISED MOBILITY SOLUTIONS

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## BETTER MOBILITY IN PREMIUM QUALITY

TENTE believes in smart mobility solutions which noticeably improve people's lives and their work environment. TENTE solutions increase productivity, ensure safety and open up new horizons in matters of design and durability as well as environmental friendliness. Leading manufacturers and companies of different industries rely on these competencies and our high production quality.

On the following pages you will find technical information about our Omikron product family. We will also demonstrate the added value this mobility solution offers to your organisation. Features include:

### Extra heavy duty construction

Welded solid steel construction for highest load capacity.

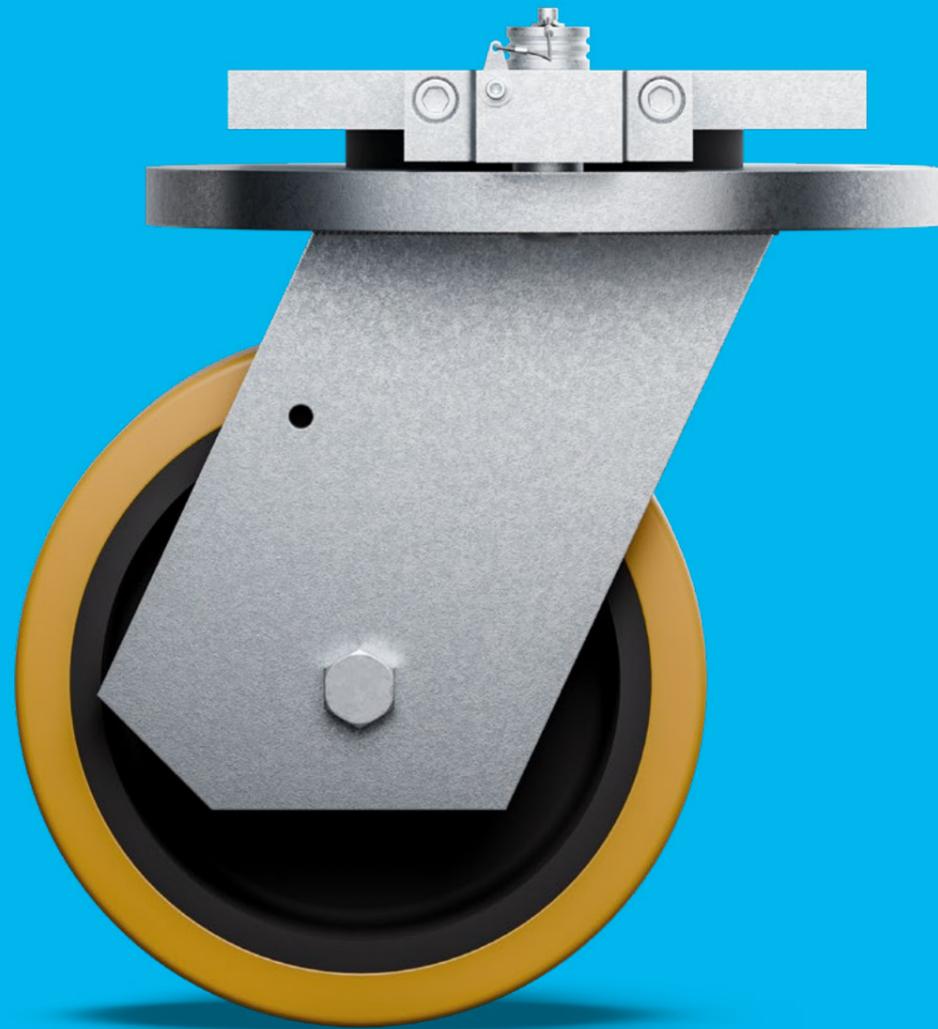
### Wide range of variations

The Omikron product family impresses with 160 standard variants – an enormous selection for highest demands and flexibility.

### Optimised manoeuvrability

Twin and four-wheel castors with high manoeuvrability due to the differential effect.

# HOUSING



## FEATURES



### Robust housing

Twin-wheel castor for highest load capacity and low height.



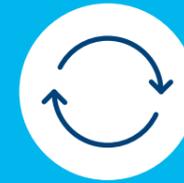
### Extra heavy-duty construction

Welded solid steel construction for highest load capacity.



### Long-lasting surfaces

Extra high-quality galvanising for a long service life under harsh operating conditions.



### Easy steering

Swivel bearing with dual purpose bearing and taped roller bearing for excellent swivelling properties under high loads.



### Quick maintenance

Swivel bearings lubricated with long-life grease and fitted with a grease nipple for easy maintenance.



### Individual branding

Engraved, cast or printed.



### Non-hazardous materials

Complies with the RoHS directive and REACH regulation of the European Union. Does not contain polycyclic aromatic hydro-carbons or chromium (VI).



### Flexible lock function

Wheel lock and directional lock can be combined.



### Enhanced safety

Foot protection for increased safety available on request.

# HOUSING

The robust housing is designed for highest load capacities. It is made of welded solid steel and offers a long service life thanks to high-quality galvanising. The swivel bearing is lubricated with long-life grease and fitted with a grease nipple for a quick and easy maintenance. All these features enable the user to enjoy excellent swiveling properties under high loads. This extra heavy-duty construction is available as single wheel and twin-wheel castor.



**Swivel castors with directional lock P68**  
When the directional lock is activated, the wheel can be moved, but the housing is aligned to a fixed driving direction.

**Swivel castors with directional lock P65 and P68**



**Swivel castors**  
Wheel and housing are free to move for easy manoeuvrability.



**Swivel castors with wheel lock (kick pedal)**  
Locking function: Simple operation with practical kick pedal and separate lever for lock release. Position: head end of castor.



**Fixed castors**  
The wheel can move freely, while the housing is fixed. As a result, it cannot rotate, but can only move forwards and backwards, which ensures stable movement.



**Swivel castors with wheel lock**  
Locking function via hand lever: easy control directly by hand. Position: tail end of castor.

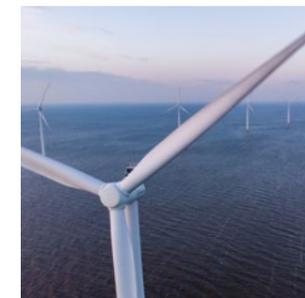


**Special solutions**  
Combinations of directional and wheel locks, foot protection, four-wheel castors and other items are available on request.

**More on page → 32**



These two wheel locks are not intended to serve as the sole locking mechanism on incline, ramps and uneven surfaces and should be supplemented with additional safety measures such as wedges, shim chock. The locking systems rather serve as an obstacle to movement and do not fulfil the requirements of EN12533.

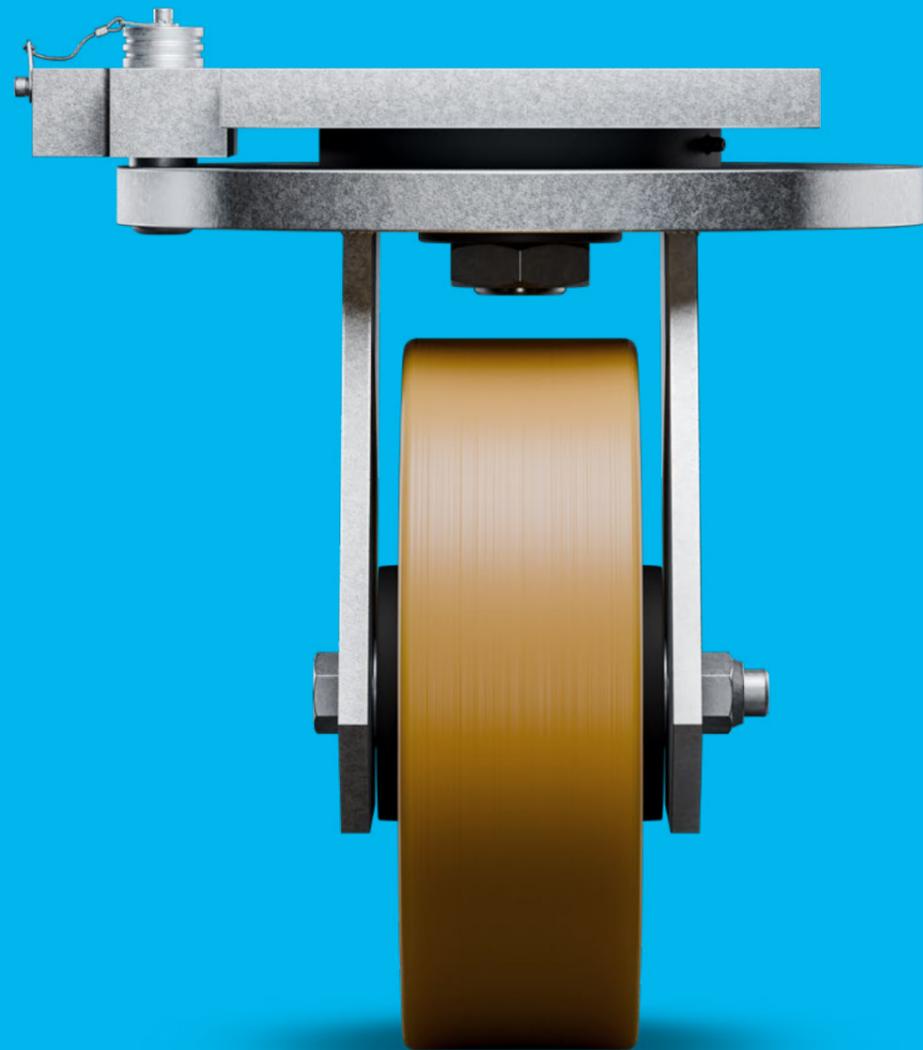


## OUR PROJECTS

Our P60 castor supports up to 22.5 tons and is designed for special projects. It's currently being used in the wind power industry.

**More on page → 34**

# WHEELS

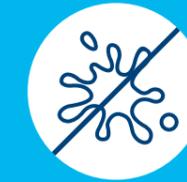


## FEATURES



### Non-marking movement

Wheels with reduced abrasion and little cleaning requirement.



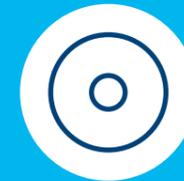
### Non-staining operation

Non-staining on contact with floors during long standing periods.



### Protect floors with load distribution

Up to four wheels distribute the load and minimise the load on the floor.



### Low wear and tear wheels

Durable wheels with extremely low wear and tear properties.



### Optimised manoeuvrability

Twin-wheel castors and four-wheel castors with high manoeuvrability due to the differential effect.



### Reliable traction

Traction-optimised treads for secure grip on wet and slippery floors.



### Resource-conserving part replacement

Threaded axles allow effortless wheel change.



### Uninterrupted use

Swivel bearing with dust ring for continuous, uninterrupted movement.



### Ergonomically friendly use

Wheels with optimised roll resistance to lighten the load for the user.

# WHEELS

The characteristics of a wheel depend on the material and the bearing. We offer wheels with reduced abrasion and little cleaning requirements for non-marking movement. Our durable wheels have traction-optimised treads for secure grip on wet and slippery floors. They are perfect for heavy-load transportation.



### Novatech (FTP)

Highly resilient classics with cast polyurethane coating, abrasion and cut-resistant tread for less maintenance. Available with hard and soft tread.

### Novatech for standard applications

Available as antistatic or ESD-conform version in different shore hardnesses. Our allrounder for industrial applications.

**Hardness:** Shore A 92

**Temperature range:** -20 °C / +60 °C

**Optional:** ESD-compliant



EXTRA STABLE

### Novatech (STP)

Novatech (STP) wheels are designed for industrial applications and feature a solid steel hub with high load capacity and durability. STP wheels offer more robust construction and excellent performance.

### Solid steel hub for stability

STP wheels feature solid steel hub for:

- higher load capacity
- more durability

**Hardness:** Shore A 92

**Temperature range:** -20 °C / +60 °C

**Optional:** ESD-compliant



EXTRA STABLE

### Duratech load

Extra stable and robust, made of extra strong polyamide (PA6), cast and turned.

The Duratech load wheel impresses with a very hard tread for maximum load capacity and low rolling resistance for excellent rolling properties. Specially developed for indoor applications on hard, level floors, it scores with highest load capacity and durability.

**Hardness:** Shore D 75

**Temperature range:** -40 °C / +80 °C



### Elastech (FVP)

The Elastech (FVP) wheel features a cast iron wheel center, providing exceptional stability and durability. The tread is made of soft, black solid rubber, offering excellent cushioning and surface protection. A precision ball bearing ensures smooth and quiet operation.

**Hardness:** Shore A 67

**Temperature range:** -20 °C / +80 °C

### Ball bearing types

All wheels are fitted with two precision ball bearings.

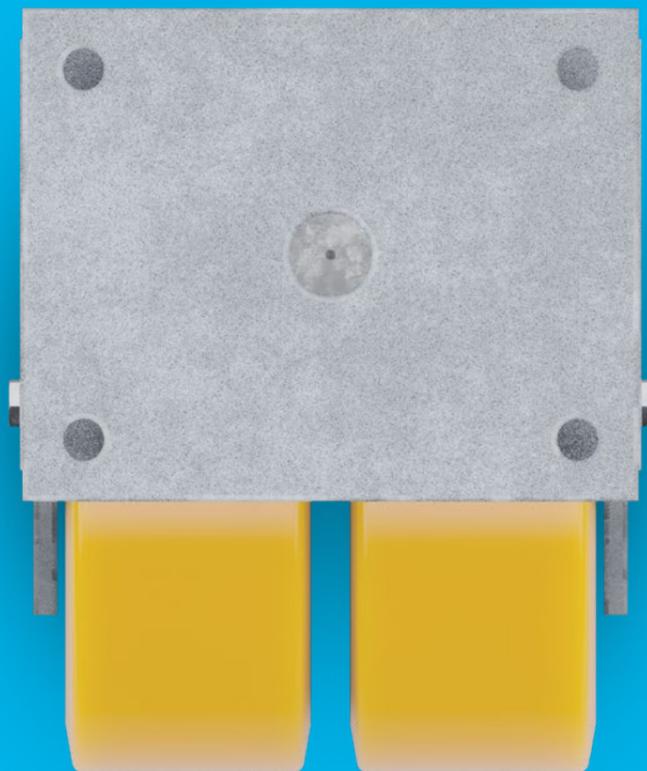


### Load capacity

The load capacity depends on the housing and the wheel. It meets the requirements in accordance with the DIN EN 12532 standard. When using four castors, you can determine the necessary load capacity as follows: The sum of the weight of your application plus the additional load divided by three castors.

$$\frac{\text{Weight of application} + \text{load}}{3} = \text{Load capacity of one castor}$$

# FITTINGS

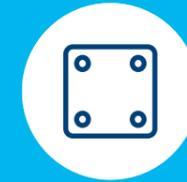


## FEATURES



### Variable fitting options

Different fitting dimensions for a large range of applications.



### Standard fittings

Plate fittings are according to industrial standards.



### Tested quality

Tested in our own test laboratory for compliance with European standards.



### Easy installation

The fittings are user-friendly and enable quick installation.



### Reliable performance

The fixed connections ensure reliable performance and minimise the risk of failure.

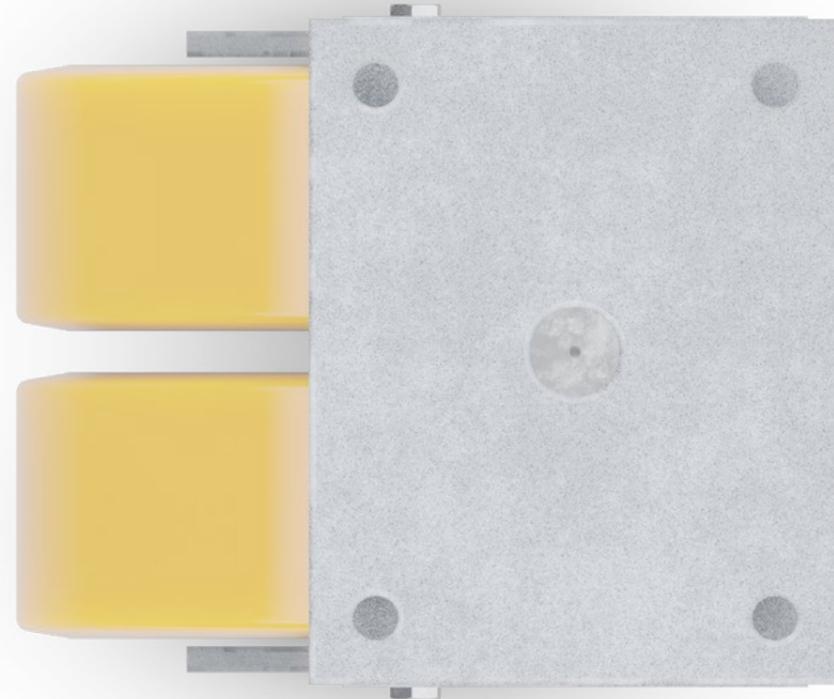


### Durable corrosion protection

Galvanised and blue-passivated materials make the fittings resistant to corrosion and environmental influences.

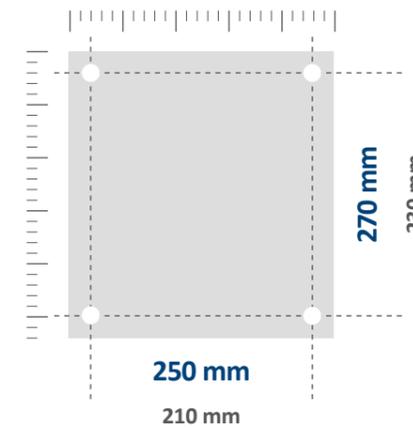
# PLATE FITTINGS

Our plate fittings offer a secure connection with four screws and a sturdy design for maximum loads. This design ensures a reliable fastening that can withstand even the most demanding conditions. In our standard programme, we offer three different plate fittings that differ in terms of external dimensions and hole pattern. This allows you to choose the optimum solution for your requirements and benefit from maximum load capacity.



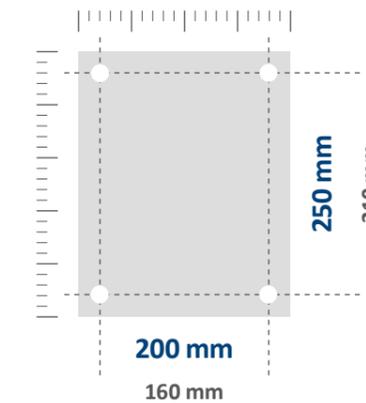
**i** Image not to scale

## P68



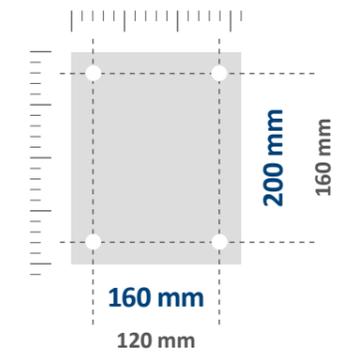
**Panel dimensions:** 270 x 250 mm  
**Hole pattern:** 230 x 210 mm  
**Screw hole-Ø:** 17 mm

## P66



**Panel dimensions:** 250 x 200 mm  
**Hole pattern:** 210 x 160 mm  
**Screw hole-Ø:** 17 mm

## P65



**Panel dimensions:** 200 x 160 mm  
**Hole pattern:** 160 x 120 mm  
**Screw hole-Ø:** 15 mm

**i** Illustrations on this page on a scale of 1:15

## OMIKRON with polyamide wheel

### Maximum load capacity and robustness for extremely high loads

#### Material

The single-wheel castor with polyamide wheel is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease dipensers and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor</b>									
	250	100	200 x 160	160 x 120	15	325	400	7,000	9250MOP250P65
	300	100	270 x 250	230 x 210	17	415	468	8,000	9250MOP300P68
	400	110	270 x 250	230 x 210	17	510	616	9,000	9250MOP400P68
<b>Fixed castor</b>									
	250	100	200 x 160	160 x 120	15	325	0	7,000	9258MOP250P65
	300	100	270 x 250	230 x 210	17	415	0	8,000	9258MOP300P68
	400	110	270 x 250	230 x 210	17	510	0	9,000	9258MOP400P68
<b>Swivel castor with directional lock</b>									
	250	100	200 x 160	160 x 120	15	325	400	7,000	9251MOP250P65
	300	100	270 x 250	230 x 210	17	415	468	8,000	9251MOP300P68
	400	110	270 x 250	230 x 210	17	510	616	9,000	9251MOP400P68



**Wheel MOP:**  
Hub and tread made of super-heavy cast polyamide, precision ball bearing



All P65 castors are also available in P66. Please contact us for more information.

## OMIKRON with polyamide wheel

### Maximum load capacity and robustness for extremely high loads

#### Material

The single-wheel castor with polyamide wheel is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease dipensers and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock</b>									
	250	100	200 x 160	160 x 120	15	325	575	7,000	9255MOP250P65
	300	100	270 x 250	230 x 210	17	415	570	8,000	9255MOP300P68
	400	110	270 x 250	230 x 210	17	510	640	9,000	9255MOP400P68
<b>Swivel castor with wheel lock (kick pedal)</b>									
	250	100	200 x 160	160 x 120	15	325	400	7,000	9255MOP250P65 kick-pedal
	300	100	270 x 250	230 x 210	17	415	468	8,000	9255MOP300P68 kick-pedal
	400	110	270 x 250	230 x 210	17	510	616	9,000	9255MOP400P68 kick-pedal



# OMIKRON with polyurethane wheel

## The industrial all-rounder for heavy loads

### Material

The single-wheel castor with polyurethane wheel is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease dipensers and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor</b>									
	250	100	200 x 160	160 x 120	15	325	400	3,000	9250FTP250P65
	300	100	200 x 160	160 x 120	15	375	470	3,500	9250FTP300P65
	400	100	200 x 160	160 x 120	15	470	640	4,500	9250FTP400P65
<b>Fixed castor</b>									
	250	100	200 x 160	160 x 120	15	325	0	3,000	9258FTP250P65
	300	100	200 x 160	160 x 120	15	375	0	3,500	9258FTP300P65
	400	100	200 x 160	160 x 120	15	470	0	4,500	9258FTP400P65
<b>Swivel castor with directional lock</b>									
	250	100	200 x 160	160 x 120	15	325	400	3,000	9251FTP250P65
	300	100	200 x 160	160 x 120	15	375	470	3,500	9251FTP300P65
	400	100	200 x 160	160 x 120	15	470	640	4,500	9251FTP400P65

**Wheel FTP:**  
 Hub made of heavy cast iron  
 Tread made of cast polyurethane  
 Precision ball bearing



All P65 castors are also available in P66. Please contact us for more information.

# OMIKRON with polyurethane wheel

## The industrial all-rounder for heavy loads

### Material

This single-wheel castor with polyurethane wheel is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease dipensers and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock</b>									
	250	100	200 x 160	160 x 120	15	325	575	3,000	9255FTP250P65
	300	100	200 x 160	160 x 120	15	375	600	3,500	9255FTP300P65
	400	100	200 x 160	160 x 120	15	470	710	4,500	9255FTP400P65
<b>Swivel castor with wheel lock (kick pedal)</b>									
	250	100	200 x 160	160 x 120	15	325	400	3,000	9255FTP250P65 kick-pedal
	300	100	200 x 160	160 x 120	15	375	470	3,500	9255FTP300P65 kick-pedal
	400	100	200 x 160	160 x 120	15	470	640	4,500	9255FTP400P65 kick-pedal



# OMIKRON TWIN with polyamide wheel

## Maximum stability and load capacity for extreme loads

### Material

This twin-wheel castor with polyamide wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor</b>									
	100	50	200 x 160	160 x 120	15	195	236	3,500	9950MOP100P65
	125	50	200 x 160	160 x 120	15	220	250	4,200	9950MOP125P65
	150	50	200 x 160	160 x 120	15	245	285	5,000	9950MOP150P65
	160	50	200 x 160	160 x 120	15	250	290	5,500	9950MOP160P65
	200	50	200 x 160	160 x 120	15	275	335	6,500	9950MOP200P65
	200	80	270 x 250	230 x 210	17	315	374	9,000	9950MOP200P68
	250	50	200 x 160	160 x 120	15	325	405	7,000	9950MOP250P65
	250	80	270 x 250	230 x 210	17	365	430	11,000	9950MOP250P68
	300	50	200 x 160	160 x 120	15	375	475	7,000	9950MOP300P65
	300	80	270 x 250	230 x 210	17	415	496	13,000	9950MOP300P68
	400	80	270 x 250	230 x 210	17	510	640	15,000	9950MOP400P68
<b>Fixed castor</b>									
	100	50	200 x 160	160 x 120	15	195	0	3,500	9958MOP100P65
	125	50	200 x 160	160 x 120	15	220	0	4,200	9958MOP125P65
	150	50	200 x 160	160 x 120	15	245	0	5,000	9958MOP150P65
	160	50	200 x 160	160 x 120	15	250	0	5,500	9958MOP160P65
	200	50	200 x 160	160 x 120	15	275	0	6,500	9958MOP200P65
	200	80	270 x 250	230 x 210	17	315	0	9,000	9958MOP200P68
	250	50	200 x 160	160 x 120	15	325	0	7,000	9958MOP250P65
	250	80	270 x 250	230 x 210	17	365	0	11,000	9958MOP250P68
	300	50	200 x 160	160 x 120	15	375	0	7,000	9958MOP300P65
	300	80	270 x 250	230 x 210	17	415	0	13,000	9958MOP300P68
	400	80	270 x 250	230 x 210	17	510	0	15,000	9958MOP400P68

# OMIKRON TWIN with polyamide wheel

## Maximum stability and load capacity for extreme loads

### Material

This twin-wheel castor with polyamide wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with directional lock</b>									
	100	50	200 x 160	160 x 120	15	195	236	3,500	9951MOP100P65
	125	50	200 x 160	160 x 120	15	220	250	4,200	9951MOP125P65
	150	50	200 x 160	160 x 120	15	245	285	5,000	9951MOP150P65
	160	50	200 x 160	160 x 120	15	250	290	5,500	9951MOP160P65
	200	50	200 x 160	160 x 120	15	275	335	6,500	9951MOP200P65
	200	80	270 x 250	230 x 210	17	315	374	9,000	9951MOP200P68
	250	50	200 x 160	160 x 120	15	325	405	7,000	9951MOP250P65
	250	80	270 x 250	230 x 210	17	365	430	11,000	9951MOP250P68
	300	50	200 x 160	160 x 120	15	375	475	7,000	9951MOP300P65
	300	80	270 x 250	230 x 210	17	415	496	13,000	9951MOP300P68
	400	80	270 x 250	230 x 210	17	510	640	15,000	9951MOP400P68



**Wheel MOP:**  
Hub and tread made of super-heavy cast polyamide, precision ball bearing



All P65 castors are also available in P66. Please contact us for more information.

## OMIKRON TWIN with polyamide wheel

### Maximum stability and load capacity for extreme loads

#### Material

This twin-wheel castor with polyamide wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock</b> 	100	50	200 x 160	160 x 120	15	195	420	3,500	9955MOP100P65
	125	50	200 x 160	160 x 120	15	220	460	4,200	9955MOP125P65
	150	50	200 x 160	160 x 120	15	245	500	5,000	9955MOP150P65
	160	50	200 x 160	160 x 120	15	250	500	5,500	9955MOP160P65
	200	50	200 x 160	160 x 120	15	275	530	6,500	9955MOP200P65
	200	80	270 x 250	230 x 210	17	315	530	9,000	9955MOP200P68
	250	50	200 x 160	160 x 120	15	325	575	7,000	9955MOP250P65
	250	80	270 x 250	230 x 210	17	365	562	11,000	9955MOP250P68
	300	50	200 x 160	160 x 120	15	375	600	7,000	9955MOP300P65
	300	80	270 x 250	230 x 210	17	415	570	13,000	9955MOP300P68
	400	80	270 x 250	230 x 210	17	510	640	15,000	9955MOP400P68



#### Wheel MOP:

Hub and tread made of super-heavy cast polyamide, precision ball bearing

## OMIKRON TWIN with polyamide wheel

### Maximum stability and load capacity for extreme loads

#### Material

This twin-wheel castor with polyamide wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock (kick pedal)</b> 	100	50	200 x 160	160 x 120	15	195	370	3,500	9955MOP100P65 kick-pedal
	125	50	200 x 160	160 x 120	15	220	370	4,200	9955MOP125P65 kick-pedal
	150	50	200 x 160	160 x 120	15	245	370	5,000	9955MOP150P65 kick-pedal
	160	50	200 x 160	160 x 120	15	250	370	5,500	9955MOP160P65 kick-pedal
	200	50	200 x 160	160 x 120	15	275	370	6,500	9955MOP200P65 kick-pedal
	200	80	270 x 250	230 x 210	17	315	460	9,000	9955MOP200P68 kick-pedal
	250	50	200 x 160	160 x 120	15	325	405	7,000	9955MOP250P65 kick-pedal
	250	80	270 x 250	230 x 210	17	365	468	11,000	9955MOP250P68 kick-pedal
	300	50	200 x 160	160 x 120	15	375	475	7,000	9955MOP300P65 kick-pedal
	300	80	270 x 250	230 x 210	17	415	496	13,000	9955MOP300P68 kick-pedal
	400	80	270 x 250	230 x 210	17	510	640	15,000	9955MOP400P68 kick-pedal

## OMIKRON TWIN with polyurethane wheel

### The industrial all-rounder for heavy loads and optimised manoeuvrability

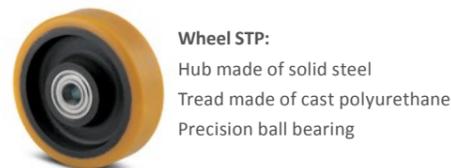
#### Material

This twin-wheel castor with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor</b> 	100	50	200 x 160	160 x 120	15	195	236	1,200	9950FTP100P65
	125	50	200 x 160	160 x 120	15	220	250	1,500	9950FTP125P65
	150	50	200 x 160	160 x 120	15	245	285	1,800	9950FTP150P65
	160	50	200 x 160	160 x 120	15	250	290	2,000	9950FTP160P65
	200	50	200 x 160	160 x 120	15	275	335	2,500	9950FTP200P65
	200	80	270 x 250	230 x 210	17	315	374	3,500	9950FTP200P68
	250	50	200 x 160	160 x 120	15	325	405	3,000	9950FTP250P65
	250	80	270 x 250	230 x 210	17	365	430	5,000	9950FTP250P68
	300	50	200 x 160	160 x 120	15	375	475	3,500	9950FTP300P65
	300	80	270 x 250	230 x 210	17	415	496	6,000	9950FTP300P68
	400	80	270 x 250	230 x 210	17	510	640	7,200	9950FTP400P68
	500	80	270 x 250	230 x 210	17	610	780	8,500	9950STP500P68



**Wheel FTP:**  
Hub made of heavy cast iron  
Tread made of cast polyurethane  
Precision ball bearing



**Wheel STP:**  
Hub made of solid steel  
Tread made of cast polyurethane  
Precision ball bearing

## OMIKRON TWIN with polyurethane wheel

### The industrial all-rounder for heavy loads and optimised manoeuvrability

#### Material

This twin-wheel castor with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Fixed castor</b> 	100	50	200 x 160	160 x 120	15	195	0	1,200	9958FTP100P65
	125	50	200 x 160	160 x 120	15	220	0	1,500	9958FTP125P65
	150	50	200 x 160	160 x 120	15	245	0	1,800	9958FTP150P65
	160	50	200 x 160	160 x 120	15	250	0	2,000	9958FTP160P65
	200	50	200 x 160	160 x 120	15	275	0	2,500	9958FTP200P65
	200	80	270 x 250	230 x 210	17	315	0	3,500	9958FTP200P68
	250	50	200 x 160	160 x 120	15	325	0	3,000	9958FTP250P65
	250	80	270 x 250	230 x 210	17	365	0	5,000	9958FTP250P68
	300	50	200 x 160	160 x 120	15	375	0	3,500	9958FTP300P65
	300	80	270 x 250	230 x 210	17	415	0	6,000	9958FTP300P68
	400	80	270 x 250	230 x 210	17	510	0	7,200	9958FTP400P68
	500	80	270 x 250	230 x 210	17	610	0	8,500	9958STP500P68

**i** All P65 castors are also available in P66. Please contact us for more information.

# OMIKRON TWIN with polyurethane wheel

## The industrial all-rounder for heavy loads and optimised manoeuvrability

### Material

This twin-wheel with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with directional lock</b> 	100	50	200 x 160	160 x 120	15	195	236	1,200	9951FTP100P65
	125	50	200 x 160	160 x 120	15	220	250	1,500	9951FTP125P65
	150	50	200 x 160	160 x 120	15	245	285	1,800	9951FTP150P65
	160	50	200 x 160	160 x 120	15	250	290	2,000	9951FTP160P65
	200	50	200 x 160	160 x 120	15	275	335	2,500	9951FTP200P65
	200	80	270 x 250	230 x 210	17	315	374	3,500	9951FTP200P68
	250	50	200 x 160	160 x 120	15	325	405	3,000	9951FTP250P65
	250	80	270 x 250	230 x 210	17	365	430	5,000	9951FTP250P68
	300	50	200 x 160	160 x 120	15	375	475	3,500	9951FTP300P65
	300	80	270 x 250	230 x 210	17	415	496	6,000	9951FTP300P68
	400	80	270 x 250	230 x 210	17	510	640	7,200	9951FTP400P68
	500	80	270 x 250	230 x 210	17	610	780	8,500	9951STP500P68



**Wheel FTP:**  
Hub made of heavy cast iron  
Tread made of cast polyurethane  
Precision ball bearing



**Wheel STP:**  
Hub made of solid steel  
Tread made of cast polyurethane  
Precision ball bearing

# OMIKRON TWIN with polyurethane wheel

## The industrial all-rounder for heavy loads and optimised manoeuvrability

### Material

This twin-wheel with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock</b> 	100	50	200 x 160	160 x 120	15	195	420	1,200	9955FTP100P65
	125	50	200 x 160	160 x 120	15	220	460	1,500	9955FTP125P65
	150	50	200 x 160	160 x 120	15	245	500	1,800	9955FTP150P65
	160	50	200 x 160	160 x 120	15	250	500	2,000	9955FTP160P65
	200	50	200 x 160	160 x 120	15	275	530	2,500	9955FTP200P65
	200	80	270 x 250	230 x 210	17	315	530	3,500	9955FTP200P68
	250	50	200 x 160	160 x 120	15	325	575	3,000	9955FTP250P65
	250	80	270 x 250	230 x 210	17	365	562	5,000	9955FTP250P68
	300	50	200 x 160	160 x 120	15	375	600	3,500	9955FTP300P65
	300	80	270 x 250	230 x 210	17	415	570	6,000	9955FTP300P68
	400	80	270 x 250	230 x 210	17	510	640	7,200	9955FTP400P68
	500	80	270 x 250	230 x 210	17	610	780	8,500	9955STP500P68



All P65 castors are also available in P66.  
Please contact us for more information.

# OMIKRON TWIN with polyurethane wheel

## The industrial all-rounder for heavy loads and optimised manoeuvrability

### Material

This twin-wheel castor with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock (kick pedal)</b> 	100	50	200 x 160	160 x 120	15	195	370	1,200	9955FTP100P65 kick-pedal
	125	50	200 x 160	160 x 120	15	220	370	1,500	9955FTP125P65 kick-pedal
	150	50	200 x 160	160 x 120	15	245	370	1,800	9955FTP150P65 kick-pedal
	160	50	200 x 160	160 x 120	15	250	370	2,000	9955FTP160P65 kick-pedal
	200	50	200 x 160	160 x 120	15	275	370	2,500	9955FTP200P65 kick-pedal
	200	80	270 x 250	230 x 210	17	315	460	3,500	9955FTP200P68 kick-pedal
	250	50	200 x 160	160 x 120	15	325	405	3,000	9955FTP250P65 kick-pedal
	250	80	270 x 250	230 x 210	17	365	468	5,000	9955FTP250P68 kick-pedal
	300	50	200 x 160	160 x 120	15	375	475	3,500	9955FTP300P65 kick-pedal
	300	80	270 x 250	230 x 210	17	415	496	6,000	9955FTP300P68 kick-pedal
400	80	270 x 250	230 x 210	17	510	640	7,200	9955FTP400P68 kick-pedal	
500	80	270 x 250	230 x 210	17	610	780	8,500	9955STP500P68 kick-pedal	



**Wheel FTP:**  
Hub made of heavy cast iron  
Tread made of cast polyurethane  
Precision ball bearing



**Wheel STP:**  
Hub made of solid steel  
Tread made of cast polyurethane  
Precision ball bearing

# OMIKRON TWIN with solid rubber wheel

## Robust performance and high shock absorption for multiple applications

### Material

This twin-wheel castor with polyurethane wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease nipples and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor</b> 	200	75	270 x 250	230 x 210	17	315	374	1,200	9950FVP200P68
	250	80	270 x 250	230 x 210	17	365	430	1,600	9950FVP250P68
	300	85	270 x 250	230 x 210	17	415	496	2,000	9950FVP300P68
<b>Fixed castor</b> 	200	75	270 x 250	230 x 210	17	315	0	1,200	9958FVP200P68
	250	80	270 x 250	230 x 210	17	365	0	1,600	9958FVP250P68
	300	85	270 x 250	230 x 210	17	415	0	2,000	9958FVP300P68
<b>Swivel castor with directional lock</b> 	200	75	270 x 250	230 x 210	17	315	374	1,200	9951FVP200P68
	250	80	270 x 250	230 x 210	17	365	430	1,600	9951FVP250P68
	300	85	270 x 250	230 x 210	17	415	496	2,000	9951FVP300P68



**Wheel FVP:**  
Hub made of cast iron  
Tread made of solid black rubber  
Precision ball bearing with thread guard

# OMIKRON TWIN with solid rubber wheel

Robust performance and high shock absorption for multiple applications

### Material

The twin wheel castor with solid rubber wheels is assembled in a robust, galvanised welded steel housing and has an axial deep groove ball bearing, tapered roller bearings and a secured wheel axle. Grease dipensers and stable plate fittings ensure easy maintenance and stability.

	Wheel diameter (mm)	Wheel (mm)	Size of plate (mm)	Plate hole centres (mm)	Plate hole (mm)	Overall height (mm)	Swivel interference- $\phi$ (mm)	Load capacity (kg)	Serial number
<b>Swivel castor with wheel lock</b>									
	200	75	270 x 250	230 x 210	17	315	530	1,200	9955FVP200P68
	250	80	270 x 250	230 x 210	17	365	562	1,600	9955FVP250P68
	300	85	270 x 250	230 x 210	17	415	570	2,000	9955FVP300P68
<b>Swivel castor with wheel lock (kick pedal)</b>									
	200	75	270 x 250	230 x 210	17	315	460	1,200	9955FVP200P68 kick-pedal
	250	80	270 x 250	230 x 210	17	365	468	1,600	9955FVP250P68 kick-pedal
	300	85	270 x 250	230 x 210	17	415	496	2,000	9955FVP300P68 kick-pedal

# DO YOU HAVE ANY QUESTIONS ABOUT OUR PRODUCTS?



Simply scan the QR code.  
We will be happy to assist you.



# CUSTOMISED MOBILITY SOLUTIONS

For demanding applications with load capacity requirements of over 15,000 kg, we offer innovative mobility solutions that are tailored specifically to your needs. Our customised design allows for a variety of adaptations, such as increased wheel dimensions, reinforced material thicknesses of our robust housings or an increased number of wheels, for example for solutions with four-wheel castors. Our products combine maximum load capacity with precision and flexibility to reliably master even the most complex challenges. You can rely on our expertise when it comes to high-performance and mobility solutions.



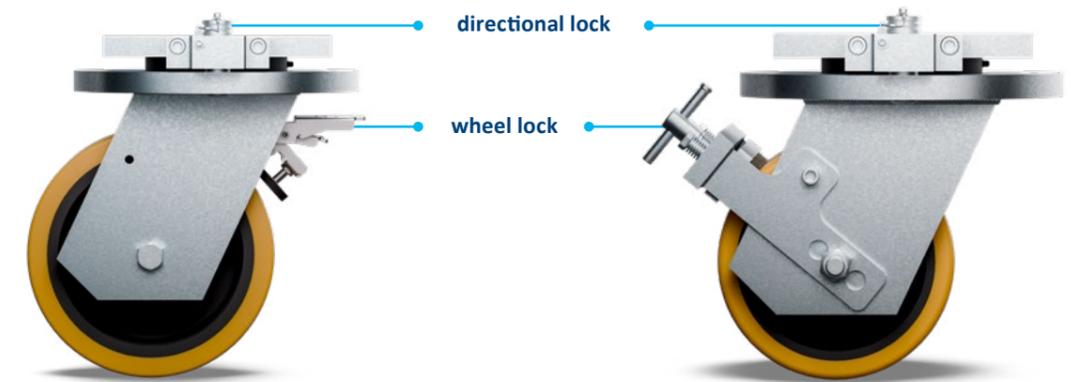
**Omikron quadro**  
This four-wheel castor is ideal for high loads. The concept ensures optimum load distribution, while the differential effect provides outstanding swivelling characteristics and precise handling.



**Special solution: Omikron twin**  
This twin castor is just one example of our customised solutions that can carry more than 20,000 kg per castor in special applications.

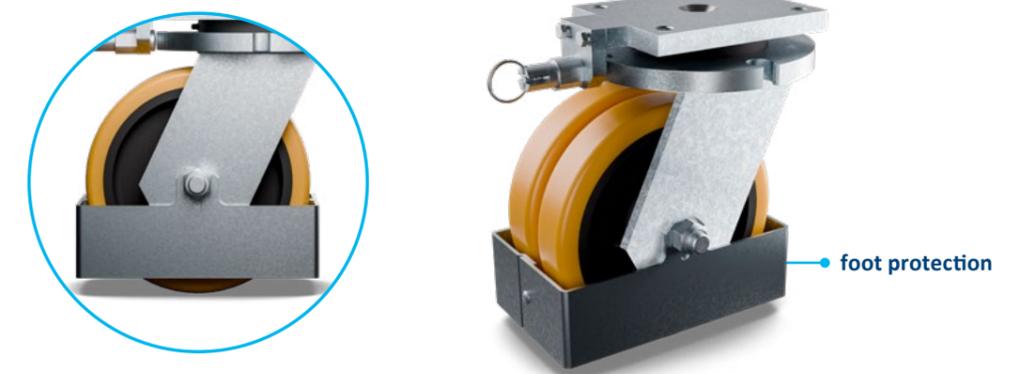
## COMBINATION OF DIRECTIONAL AND WHEEL LOCK

A combination of directional and wheel lock can be realised on request and offers you maximum flexibility in your logistics process. You can choose whether you would like to combine a wheel lock as a kick pedal (mounting position in front of the castor) or as a manual locking lever (mounting position in rear of the castor) with the directional lock. Both versions enable optimum customisation to your individual requirements and areas of application.



## FOOT PROTECTION FOR MORE SAFETY

The Omikron product families can be equipped with additional foot protection devices on request to increase user safety. These optional protective measures minimise the risk of injury and ensure safe working conditions even in demanding environments.



# CASTORS THAT SUPPORT A 108-METRE ROTOR BLADE: WE CAN DO IT!

A 108-metre rotor blade for a wind turbine weighs more than 50 tons. It is as heavy as nine fullgrown elephants. Our Danish customer P. Lindberg Industri A/S produces trolleys for transportation which must also be able to carry this kind of weight. The trolleys are used in the production of wind turbine blades. Not only the rotor blade needs to rotate easily but the trolley itself must be movable as well. Are TENTE castors able to carry this weight? We proclaim: Yes, of course!



**P. Lindberg Industri A/S and TENTE have been working together in a spirit of trust for 20 years. Both companies contribute to the wind power industry as they move forward together in this future-oriented sector.**



*“We are proud to contribute to climate protection with our trolleys for the production of rotor blades. Our supplier TENTE supports us with its reliable and high-quality heavy-duty castors.”*

**Lars Hansen**  
Managing Partner, P. Lindberg Industri A/S



# 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 can 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 – for all your needs. Contact us for more information or visit our website: [www.tente.com](http://www.tente.com)

E-Drive ultimate



⌀ 125 mm

E-Drive optima



⌀ 125 mm

Alpha



⊃ 70 - 500 kg  
⌀ 80 - 200 mm

Delta



⊃ 300 - 600 kg  
⌀ 125 - 200 mm

Delta twin



⊃ 600 - 750 kg  
⌀ 125 - 200 mm

Zeta



⊃ 300 - 800 kg  
⌀ 125 - 250 mm

Kappa



⊃ 300 - 3,000 kg  
⌀ 80 - 300 mm

Kappa flex



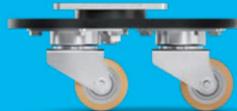
⊃ 360 - 750 kg  
⌀ 160 - 200 mm

Omikron



⊃ 1,200 - 15,000 kg  
⌀ 100 - 500 mm

Radiata



⊃ 1,200 - 1,500 kg  
⌀ 80 mm

Scout



⊃ 150 - 350 kg  
⌀ 160 - 200 mm

Linea industrial



⊃ 60 - 150 kg  
⌀ 75 - 150 mm

Integral assist



⊃ 100 - 150 kg  
⌀ 150 mm

Integral



⊃ 100 - 150 kg  
⌀ 100 - 200 mm

Integral twin



⊃ 125 - 250 kg  
⌀ 100 - 150 mm

Linea clinic



⊃ 150 - 200 kg  
⌀ 125 - 150 mm

Forma



⊃ 125 - 150 kg  
⌀ 125 - 150 mm

Aviana care



⊃ 100 kg  
⌀ 75 mm

Aviana



⊃ 100 kg  
⌀ 75 mm

Agila



⊃ 40 - 100 kg  
⌀ 50 - 150 mm

Agila twin



⊃ 50 - 100 kg  
⌀ 50 - 75 mm

Stora



⊃ 60 - 160 kg  
⌀ 75 - 160 mm

Mono



⊃ 30 - 70 kg  
⌀ 50 - 100 mm

Galea



⊃ 60 - 100 kg  
⌀ 100 - 125 mm

Levina



⊃ 60 - 100 kg  
⌀ 75 - 150 mm

Levina care



⊃ 100 kg  
⌀ 100 - 125 mm

Linea



⊃ 40 - 150 kg  
⌀ 50 - 150 mm

Anika



⊃ 40 - 50 kg  
⌀ 55 - 75 mm

Lumina



⊃ 10 - 100 kg  
⌀ 35 - 75 mm

Stylea



⊃ 40 - 100 kg  
⌀ 35 - 100 mm

Smiles



⊃ 40 kg  
⌀ 50 mm

Compacta



⊃ 10 - 55 kg  
⌀ 14 - 50 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. Visit our website to find your nearest TENTE location: [www.tente.com/locations](http://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/mobility-solutions](http://www.tente.com/mobility-solutions)

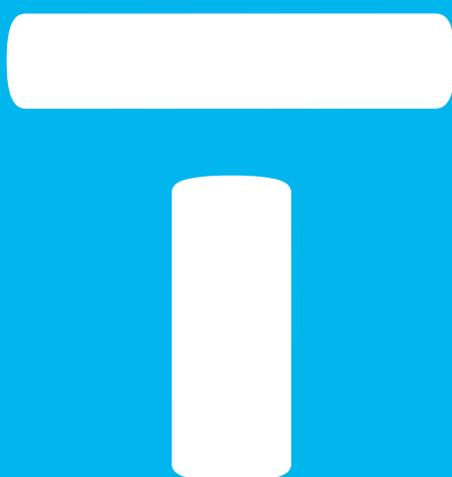
## SAVE DEVELOPMENT TIME

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





[www.tente.com](http://www.tente.com)



PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT