

PRODUCT INFORMATION

COMPACTA

 10 - 50 kg  13,5 - 66 mm  14 - 50 mm



TENTE

BETTER MOBILITY. BETTER LIFE.

HOUSINGS

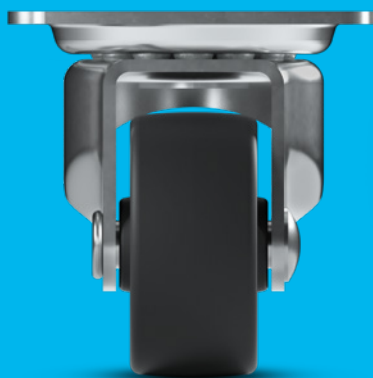
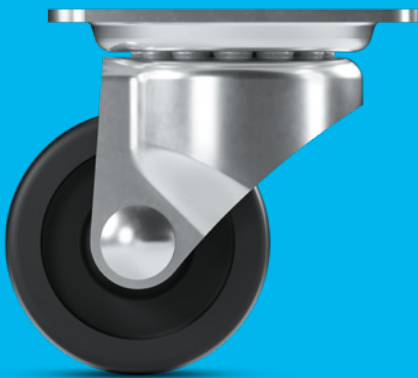
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WHEELS

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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. Solutions which increase productivity, ensure safety and open up new horizons in matters of design and durability as well as environmental friendliness. Leading manufacturers and companies from different industries rely on these competencies and our high production quality.

On the following pages you will find technical information about our Compacta product family. We will also explain the added value which this mobility solution offers for your company. Features include:

Quality tested

Products are tested in our own test laboratory for compliance with European standards.

Non-hazardous materials

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

HOUSINGS



FEATURES



Non hazardous materials

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

HOUSINGS

The housing is made of pressed steel, which is plated in bright plated zinc and a blue passivate and has a riveted axle.

The materials are tested in our own test laboratory to ensure compliance with European standards. The housing complies with RoHS and REACH regulations and do not contain polycyclic aromatic hydrocarbons or chromium (VI).

Swivel castor
The wheel and housing are free to move for easy manoeuvrability.





Fixed castor
The wheel remains free to move, but the housing is fixed so can only move forwards and backwards, ensuring stable movement.



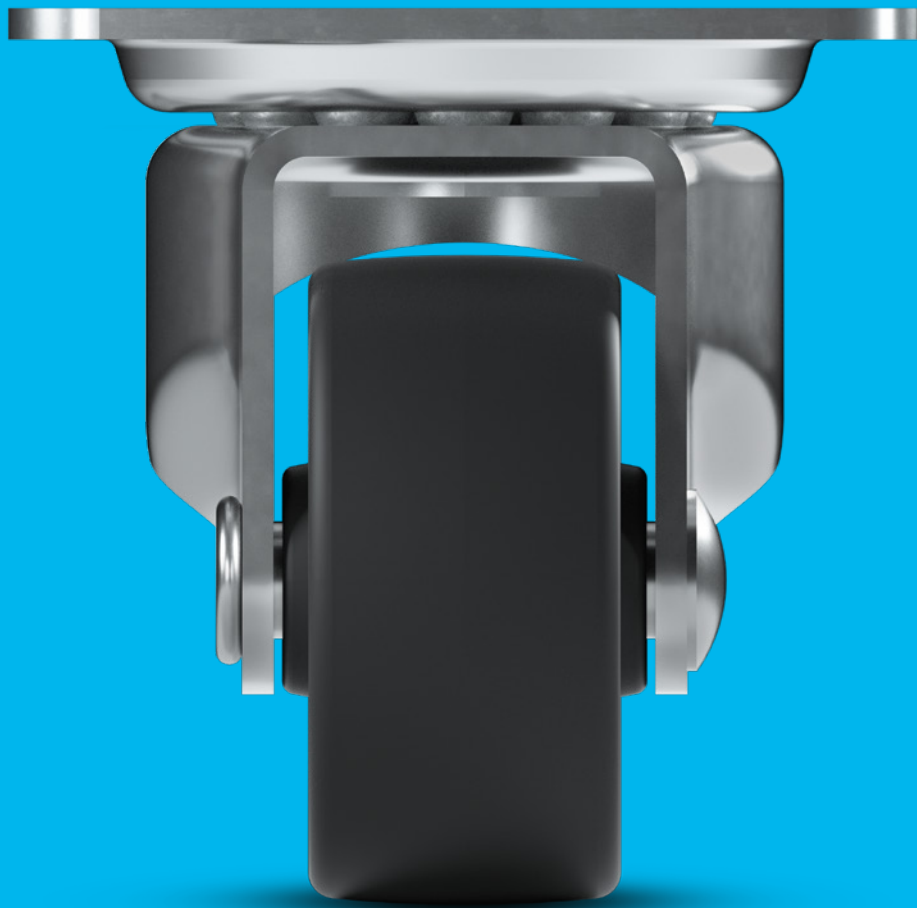
Technical data and availability



 Description	Housing type	Fixed castor	Fixed castor	Swivel castor
	Article description	1298	2198	1430
	Material	Pressed steel	Pressed steel	Pressed steel
	Swivel bearing	-	-	Single ball race swivel head
 Swivel interference	Wheel ø 14 mm	●	●	-
	Wheel ø 25 mm	-	●	43 mm
	Wheel ø 30 mm	-	●	-
	Wheel ø 32 mm	-	●	54 mm
	Wheel ø 38 mm	-	-	64 mm
	Wheel ø 45 mm	-	●	-
	Wheel ø 50 mm	-	●	82 mm

Items with this sign „●“ are available. Items with this sign „-“ are not available in our standard range. Please contact us.

WHEELS



FEATURES



Quality tested

All wheels are tested in our own test laboratory to ensure compliance with European standards.

WHEELS

The characteristics of a wheel depend on both the material and the bearing. The materials are tested in our own laboratory to ensure compliance with European standards. We also use non-hazardous materials to ensure compliance with the RoHS directive and REACH regulation of the European Union.



• **Basetech**

Made of polypropylene, these are hard-wearing and lightweight, allowing these to be easily cleaned.



• **Duratech**

Made from polyamide and thermosetting plastic, giving you a stable and indestructible wheel.



• **Supratech**

Made with a thermoplastic rubber thread, these wheels are a smooth all-rounder.

Technical data and availability



		Description		
		Basetech	Duratech	Supratech
Description	Product name	Basetech	Duratech	Supratech
	Article description	POI	UOI	PJI
	Compatible with housing	1430	1298 2198	2198
	Tread material	Polypropylene	Polyamide	Thermoplastic rubber
	Tread hardness	Shore D 65	Shore D 75	Shore D 65
	Wheel body material	Polypropylene	Polyamide	Polypropylene
	Temperature range	-20°C / +60°C	-40°C / +80°C	-20°C / +60°C
	Width of tread / wheel diameter in mm	12 mm / Ø 25 14 mm / Ø 32 16 mm / Ø 38 21 mm / Ø 50	14 mm / Ø 14 13 mm / Ø 25 15 mm / Ø 30 18 mm / Ø 45	14 mm / Ø 32 21 mm / Ø 50
Bearing type	Plain bearing	●	●	●
	Wheel Ø 14 mm	-	15 - 25 kg*	-
Load capacity	Wheel Ø 25 mm	10 kg	25 kg	-
	Wheel Ø 30 mm	-	30 kg	-
	Wheel Ø 32 mm	20 kg	-	20 kg
	Wheel Ø 38 mm	25 kg	-	-
	Wheel Ø 45 mm	-	40 kg	-
	Wheel Ø 50 mm	40 kg	-	50 kg

Bearing type



Plain bearing for short distances.

Items with this sign „●“ are available. Items with this sign „-“ are not available in our standard range. Please contact us.

* Load capacity up to 15 kg only with the housing type 1298 and 25 kg with housing type 2198.



Load capacity

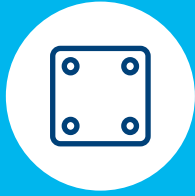
The load capacity depends on the housing and wheel. It has been tested and fulfils the requirements according to EN 12528 at a speed of 4 km/h. When using 4 castors, determine the necessary load capacity as follows: The sum of the weight of your application plus the additional load divided by 3 castors.

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

FITTINGS



FEATURES



Standard fittings

Plate fittings which meet industrial standards.

PLATE FITTINGS







Secure connection with four screws. All fittings of the Compacta product family are designed with high quality zinc plating and blue passivation.



Technical data and availability

						
Description 	Fitting type	Swivel plate	Swivel plate	Swivel plate	Swivel plate	Fixed plate
	Article description	P60	P60	P60	P60	P80
	Compatible with housing	1430	1430	1430	1430	1298
	Size of plate	35 x 30 mm	38 x 32 mm	46 x 38 mm	59 x 47 mm	26 mm
	Plate hole centres	28 x 23 mm	30 x 24 mm	36 x 28 mm	46 x 35 mm	20 mm
	Plate hole \varnothing	4,2 mm	4,2 mm	5,3 mm	6,7 mm	2,5 mm
Overall height 	Wheel \varnothing 14 mm	-	-	-	-	13,5 mm
	Wheel \varnothing 25 mm	36 mm	-	-	-	-
	Wheel \varnothing 30 mm	-	-	-	-	-
	Wheel \varnothing 32 mm	-	42,5 mm	-	-	-
	Wheel \varnothing 38 mm	-	-	50,5 mm	-	-
	Wheel \varnothing 45 mm	-	-	-	-	-
	Wheel \varnothing 50 mm	-	-	-	66 mm	-

Items with this sign „-“ are not available in our standard range. Please contact us.

					
Fixed plate	Fixed plate	Fixed plate	Fixed plate	Fixed plate	Fixed plate
P60	P60	P60	P60	P60	P60
2198	2198	2198	2198	2198	2198
30 x 17 mm	40 x 17 mm	45 x 20 mm	45,5 x 20 mm	67 x 24 mm	68 x 25 mm
20 mm	30 mm	35 mm	32 mm	54 mm	54 mm
4 mm	4,5 mm	5,5 mm	5,6 mm	5,3 mm	6 mm
17 mm	-	-	-	-	-
-	28 mm	-	-	-	-
-	-	34 mm	-	-	-
-	-	-	42,5 mm	-	-
-	-	-	-	-	-
-	-	-	-	48,5 mm	-
-	-	-	-	-	51,5 mm

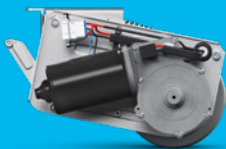
DIVERSITY WITH A SYSTEM

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 – whatever you need. Contact us for more information or visit our website: www.tente.com

E-Drive



⌀ 125 mm

Alpha



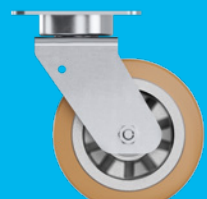
⊃ 70 - 500 kg
⌀ 80 - 200 mm

Delta



⊃ 300 - 600 kg
⌀ 125 - 200 mm

Delta twin



⊃ 600 - 750 kg
⌀ 125 - 200 mm

Zeta



⊃ 300 - 800 kg
⌀ 125 - 250 mm

Kappa



⊃ 300 - 2.000 kg
⌀ 80 - 300 mm

Kappa flex



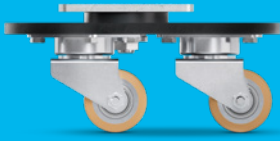
⊃ 360 - 750 kg
⌀ 160 - 200 mm

Omikron



⊃ 900 - 11.000 kg
⌀ 100 - 500 mm

Radiata



1.200 - 1.500 kg
80 mm

Scout



150 - 350 kg
160 - 200 mm

Integral



100 - 150 kg
100 - 200 mm

Integral twin



125 - 250 kg
100 - 150 mm

Linea clinic



150 - 200 kg
125 - 150 mm

Aviana care



100 kg
75 mm

Aviana



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

Linea



40 - 150 kg
50 - 150 mm

Anika



40 - 50 kg
55 - 75 mm

Lumina



30 - 100 kg
35 - 75 mm

Stylea



40 - 100 kg
35 - 100 mm

Smiles



40 kg
50 mm

Compacta



10 - 50 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. 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/compacta

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PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT