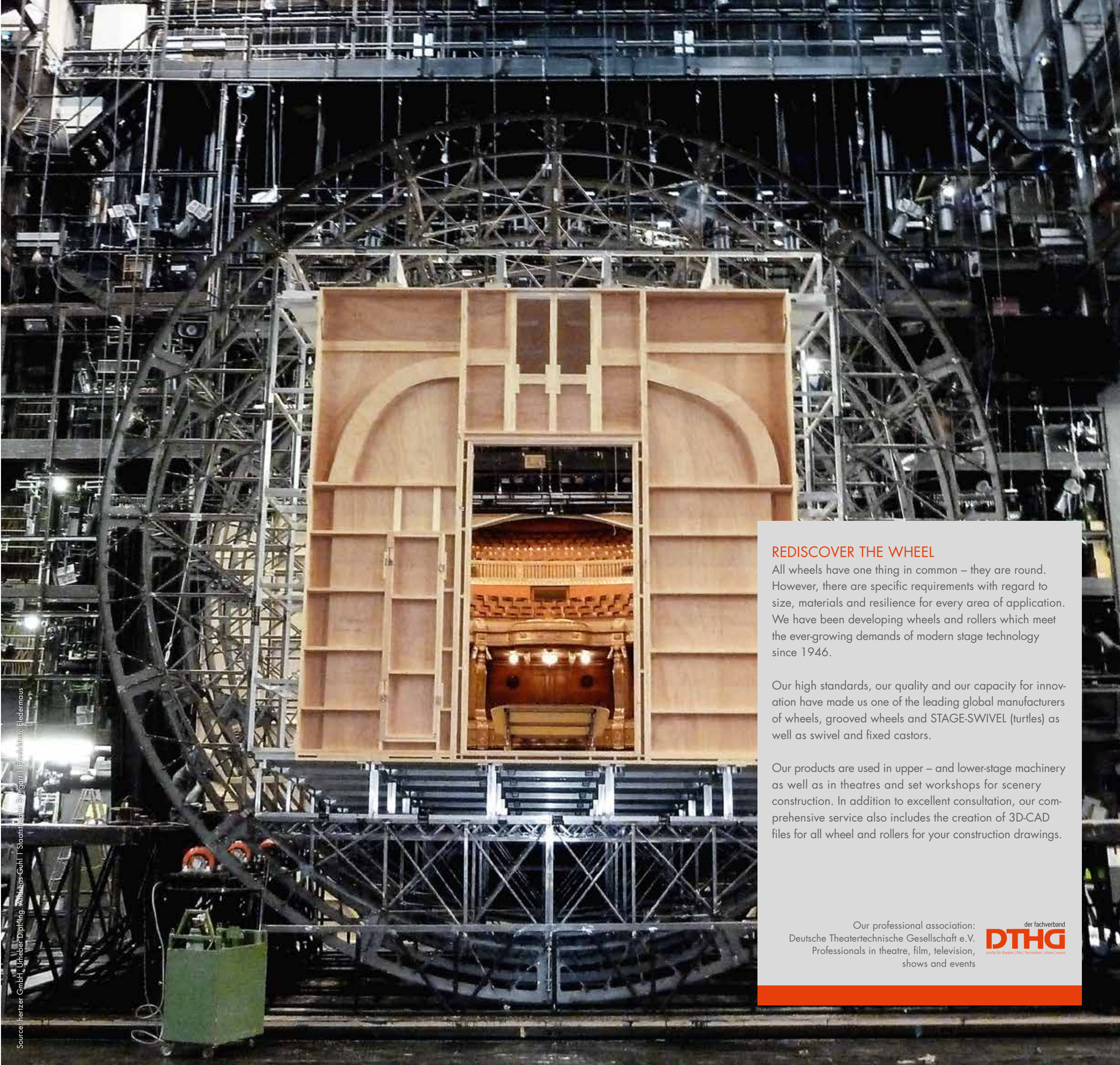


**RÄDER-VOGEL®**  
FOR BETTER WHEELS AND BETTER SERVICE



**STAGE TECHNOLOGY**





**REDISCOVER THE WHEEL**

All wheels have one thing in common – they are round. However, there are specific requirements with regard to size, materials and resilience for every area of application. We have been developing wheels and rollers which meet the ever-growing demands of modern stage technology since 1946.

Our high standards, our quality and our capacity for innovation have made us one of the leading global manufacturers of wheels, grooved wheels and STAGE-SWIVEL (turtles) as well as swivel and fixed castors.

Our products are used in upper – and lower-stage machinery as well as in theatres and set workshops for scenery construction. In addition to excellent consultation, our comprehensive service also includes the creation of 3D-CAD files for all wheel and rollers for your construction drawings.

Our professional association:  
 Deutsche Theatertechnische Gesellschaft e.V.  
 Professionals in theatre, film, television,  
 shows and events

**DTHG**  
 der fachverband  
 profis für theater | film | fernsehen | show | event

Source: hertzer GmbH, Urheber: Dipl.-Ing. Andreas Guhl | Staatstheater Stuttgart | Produktion: Fledermaus



# References



SBS BÜHNENTECHNIK GMBH

The new stage trolleys for the Mariinski Theatre in St. Petersburg, Russia, were fitted with PEVOPUR® heavy-duty STAGE-SWIVEL, enabling practically swivel-free changes of direction as well as high and secure load capacity.



Source: SBS Bühnentechnik GmbH

## Stage trolleys with turntables

High demands are made of wheels and rollers in stage trolleys and turntables. A high load capacity, minimal noise generation and precise operation are essential. For this reason, VULKOLLAN® and PEVODYN®-Soft wheels, in particular, are ideally suited for these applications.



Source: RÄDER-VOGEL



DEUTSCHE OPER AM RHEIN  
DÜSSELDORF DUISBURG

The use of PEVOPUR® STAGE-SWIVEL in various mobile and rotary walls and elements enables the rapid conversion of stage designs, even those of a large and elaborate nature.



Source: Deutsche Oper am Rhein Düsseldorf Duisburg  
RONJA RAUBERTSCHER © Foto: Hans Jörg Michel

## Flightcases

Flightcases are the universal form of transportation in stage and events technology. Our rollers from the 27 Stage series (BlueWheels) perfectly meet all the requirements thanks to their low starting and rolling resistance, high level of robustness and optimal cushioning qualities.



Source: RÄDER-VOGEL



Single-groove and multi-groove C45 wheels in RAL 1021 were installed in the new upper-stage machinery of the Esch Theatre in Luxembourg, fitted with high-precision ball bearings. This enabled the steel cables to be rerouted and securely guided even in the case of high loads.



Source: Otto Vogel Bühnentechnik GmbH

## Lower machinery for revolving stage

Elaborate stage designs, rapid alterations and special scenic effects are very difficult to carry out without a revolving stage. Our load wheels and drive wheels are therefore suitable both for new systems and for the conversion of older systems. Through the use of modern wheel materials, we make sure these are up-to-date with modern requirements.



Source: RÄDER-VOGEL



# High-quality wheel materials for your applications

Our range of wheel tread materials is just as diverse and sophisticated as our wheels and rollers. Our polyurethane elastomers, which are all processed in a hot casting process, are a particular focus here. In contrast to cold-processed systems, these are of a higher quality, are non-marking, have low starting and rolling resistance, and good chemical resistance to mineral oils and greases as well as to various solvents. Wheel materials such as VULKOLLAN®, PEVOPUR® and PEVODYN®-Soft are particularly well suited for use in stage trolleys and revolving stages in lower machinery as well as for swivel castors, fixed castors and STAGE-SWIVEL (turtles). We also offer you a wide

range of wheel treads made of thermoplastic polyurethane, polyamide and rubber, which are particularly suited for transportation devices.

Specially designed for moving at speeds of up to 4 km/h, with a load capacity of up to 1,100 kg, and thanks to their resistance to a wide range of environmental influences, our industrial castors are used in machinery and devices of all kinds, stage trolleys, flightcases as well as work platforms, mounting trolleys, magazine trolleys and container trolleys.



## PEVOPUR®

PEVOPUR® is a high-quality polyurethane elastomer which offers good dynamic load capacity, high elasticity, good mechanical wear resistance and good compressive set quality. PEVOPUR® is also significantly more resilient than rubber. The material is therefore particularly well suited for applications with more demanding requirements, such as set construction for backdrop cars and STAGE-SWIVEL (turtles).

### Areas of application:

- Medium load capacities
- Medium speeds



## PEVODYN®-Soft

PEVODYN®-Soft 78° Shore A is a new high-quality polyurethane elastomer that we have developed with high dynamic load capacity and significantly reduced starting and rolling resistance. The excellent mechanical properties of the material include high cutting, tearing and abrasion resistance. Thanks to its good noise reduction and vibration damping, PEVODYN®-Soft is particularly well suited for virtually silent usage on stage.

### Areas of application:

- Medium load capacities
- High speeds
- High energy efficiency
- Good noise reduction and vibration damping
- Floor preserving
- Non-marking



## VULKOLLAN®

VULKOLLAN® is a highly elastic, cross-linked polyurethane elastomer based on Desmodur® 15 with excellent mechanical properties. This includes high dynamic load capacity, high abrasion resistance and tear growth resistance, the highest modulus of elasticity of all elastomers, high mechanical wear resistance as well as high impact resilience and low compression set. Accordingly, VULKOLLAN® is generally used for drive wheels and load wheels in revolving stages and stage

trolleys as well as in materials handling and machine construction.

### Areas of application:

- Long lifespan
- High load capacities
- High speed
- High impact resilience



## PEVOTHAN®

PEVOTHAN® is a high-quality processed thermoplastic polyurethane elastomer with excellent properties such as non-marking characteristics, high abrasion resistance, good damping power and loading capacities of up to 500 kg. Accordingly, PEVOTHAN® is superior to all standard rubber wheels and is particularly recommended in the case of delicate surfaces (laminated or painted).

### Areas of application:

- Floor preserving
- Good noise and vibration damping
- Low rolling resistance
- Non-marking



## ELASTIC SOLID RUBBER WHEELS

ELASTIC solid rubber produces very little noise and moves smoothly with a low rolling resistance and load capacities of up to 400 kg. Accordingly, ELASTIC solid rubber is used in a quite traditional manner in the construction of flightcases and other simple trolleys.

### Areas of application:

- Floor saving
- Good noise and vibration damping
- Non-marking

# PE·VO·PUR® theatre castors



Series 42 PUR  
Series 41 PUR

Article code	mm	mm	mm	mm	mm	mm	mm	kg
41 PUR/050/40/5	50	40	82	80 x 80	80 x 80	9	37	150
41 PUR/080/32/5 B*	80	32	100	105 x 80	80 x 60	9	36	200
41 PUR/100/40/5	100	40	125	135 x 110	105 x 80	11	45	350
41 PUR/100/40/5 B*	100	40	125	135 x 110	105 x 80	11	45	350
41 PUR/125/50/5	125	50	164	135 x 110	105 x 80	11	55	350
41 PUR/125/50/5 B*	125	50	164	135 x 110	105 x 80	11	55	350
41 PUR/150/50/5	150	50	194	135 x 110	105 x 80	11	55	350
41 PUR/200/50/5	200	50	239	135 x 110	105 x 80	11	55	400

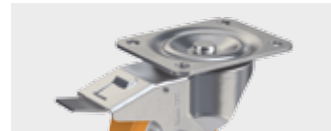
## Industrial swivel castors with PEVOPUR® wheels

93° Shore A, crowned and cylindrical

Article code	mm	mm	mm	mm	mm	mm	kg
42 PUR/050/40/5	50	40	82	80 x 80	60 x 60	9	150
42 PUR/080/32/5 B*	80	32	100	105 x 80	80 x 60	9	200
42 PUR/100/40/5	100	40	126	135 x 110	105 x 80	11	350
42 PUR/100/40/5 B*	100	40	125	135 x 110	105 x 80	11	350
42 PUR/125/50/5	125	50	164	135 x 110	105 x 80	11	350
42 PUR/125/50/5 B*	125	50	164	135 x 110	105 x 80	11	350
42 PUR/150/50/5	150	50	194	135 x 110	105 x 80	11	350
42 PUR/200/50/5	200	50	239	135 x 110	105 x 80	11	400

\* with crowned tread  
1-way directional lock available for 135 x 110 mm plate only  
4-way directional lock for Ø 100 mm only

ALLSTOP total locking device  
Code: 41 F PUR/...



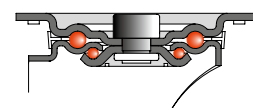
directional lock  
Code: 41 PUR/...1RIF



4-way directional lock  
Code: 41 PUR/...4RIF



## Industrial fixed castors



### Industrial swivel castor brackets with a load capacity of up to 400 kg

Housings made of pressed steel, zinc and chromated. Swivel head with double ball bearings, dust and splash proof, with riveted kingpin. ALLSTOP total locking device on the trailing side of the housing, blocks rolling and swivel motion simultaneously.

# PE·VO·DYN®-Soft / PE·VO·THAN® theatre castors



Series 41 STAGE  
Series 41 STAGE PD-S

Article code	mm	mm	mm	mm	mm	mm	mm	kg
Swivel castor								
41 STAGE PD-S/100/40/5 B*	100	40	125	135 x 110	105 x 80	11	45	300
Fixed castor								
42 STAGE PD-S/100/40/5 B*	100	40	125	135 x 110	105 x 80	11	-	300

## Theatre castors with PEVODYN®-Soft wheels

78° Shore A, crowned

Article code	mm	mm	mm	mm	mm	mm	mm	kg
Swivel castor								
41 STAGE/100/40/5	100	40	125	135 x 110	105 x 80	11	45	350
Fixed castor								
42 STAGE/100/40/5	100	40	125	135 x 110	105 x 80	11	-	350

\* with crowned tread

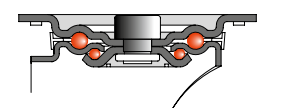
## Theatre castors with PEVOTHAN® wheels

95° Shore A, crowned

ALLSTOP total locking device  
Code: 41 F .... / ...



4-way directional lock  
Code: 41 .... / ...4RIF



### Industrial swivel castor brackets with a load capacity of up to 350 kg

Housings made of pressed steel, zinc and chromated. Swivel head with double ball bearings, dust and splash proof, with riveted kingpin. ALLSTOP total locking device on the trailing side of the housing, blocks rolling and swivel motion simultaneously.

## Solid rubber industrial castors



Series 28 Stage

Series 27 Stage

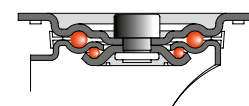
Article code	mm	mm	mm	mm	mm	mm	mm	kg
27 STAGE/080/34/3 L	80	34	101	105 x 80	80 x 60	9	36	150
27 STAGE/100/36/3 L	100	36	125	105 x 80	80 x 60	9	36	200
27 STAGE/125/36/3 L	125	36	155	105 x 80	80 x 60	9	36	250
27 STAGE/160/50/3	160	50	199	135 x 110	105 x 80	11	55	300

### Industrial swivel castors with ELASTIC solid rubber wheels (Blue Wheel)

65° Shore A

Article code	mm	mm	mm	mm	mm	mm	kg
28 STAGE/080/34/3 L	80	34	101	102 x 87	80 x 60	9	150
28 STAGE/100/36/3 L	100	36	125	102 x 87	80 x 60	9	200
28 STAGE/125/36/3 L	125	36	155	102 x 87	80 x 60	9	250
28 STAGE/160/50/3	160	50	199	135 x 110	105 x 80	11	300

### Industrial fixed castors



### Industrial swivel castor brackets with a load capacity of up to 300 kg

Housings made of pressed steel, zinc and chromated. Swivel head with double ball bearings, dust and splash proof, with riveted kingpin. ALLSTOP total locking device on the trailing side of the housing, blocks rolling and swivel motion simultaneously.

ALLSTOP total locking device  
Code: 27 F STAGE/...

single bolt hole  
Code: 27 STAGE/...R

single bolt hole/total lock  
Code: 27 F STAGE/...R



## Polyurethane industrial rollers



Series 37 PUR/5

Series 37 PUR/R

Article code	mm	mm	mm	mm	mm	mm	mm	mm	kg
37 PUR/035/27/5	35	27	52	60 x 60	48 x 38 / 48 x 38	6	-	15	100
37 PUR/045/27/5	45	27	62	60 x 60	48 x 38 / 48 x 38	6	-	15	100
37 PUR/055/27/5	55	27	72	60 x 60	48 x 38 / 48 x 38	6	-	15	100

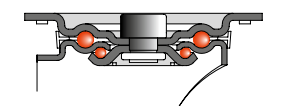
### Industrial swivel castors with polyurethane wheels

with top plate, 93° Shore A

Article code	mm	mm	mm	mm	mm	mm	mm	mm	kg
37 PUR/035/27/R	35	27	50	-	-	-	11	15	100
37 PUR/045/27/R	45	27	60	-	-	-	11	15	100
37 PUR/055/27/R	55	27	70	-	-	-	11	15	100

### Industrial swivel castors with polyurethane wheels

with single bolt hole, 93° Shore A



### Institutional swivel castor brackets with a load capacity of up to 100 kg

Housings made of pressed steel, zinc and chromated. Swivel head with double ball bearings, dust and splash proof, kingpin riveted.

# Institutional castors



Series 67 D/5/P FAD  
Series 67/5/P FAD

Article code	mm	mm	mm	mm	mm	mm	mm	kg
67/050/18/5/P FAD	50	18	69	60 x 60	46 x 46/40 x 40	6	25	40
67/075/25/5/P FAD	75	25	100	60 x 60	48 x 48/38 x 38	6	30	60
67/100/32/5/P FAD	100	32	135	95 x 70	76 x 52/72 x 45	9	43	90
67/125/32/5/P FAD	125	32	160	95 x 70	76 x 52/72 x 45	9	41	110
67/150/32/5/P FAD	150	32	185	95 x 70	76 x 52/72 x 45	9	36	110

Article code	mm	mm	mm	mm	mm	mm	kg
68/050/18/5/P FAD	50	18	70	60 x 60	48 x 48/38 x 38	6	40
68/075/25/5/P FAD	75	25	100	60 x 60	48 x 48/38 x 38	6	60
68/100/32/5/P FAD	100	32	135	95 x 77	76 x 52/72 x 45	9	90
68/125/32/5/P FAD	125	32	160	95 x 77	76 x 52/72 x 45	9	110
68/150/32/5/P FAD	150	32	185	95 x 77	76 x 52/72 x 45	9	110

All swivel castors also available with single bolt hole and expanded fitting.

Article code	mm	mm	mm	mm	mm	mm	mm	kg
67 D/050/18/5/P FAD	50	18	72	60 x 60	48 x 48/38 x 38	6	30	60
67 D/075/24/5/P FAD	75	24	103	77 x 67	61 x 51/56 x 46	8	30	80

ALLSTOP total locking device  
Code: 67 F/...P



ALLSTOP total locking device  
Code: 67 DF/...

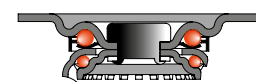


## Institutional swivel castors with thermoplastic rubber wheels

87° Shore A

## Institutional fixed castors

## Institutional double swivel castors with thermoplastic rubber wheels



## Institutional swivel castor brackets with a load capacity of up to 110 kg

Housings made of pressed steel, zinc and chromated. Swivel head with double ball bearing and riveted kingpin. ALLSTOP total locking device on the trailing side of the housing, blocks rolling and swivel motion simultaneously.

# PE·VO·PUR® industrial castors



Series 224 PUR  
Series 223 PUR

Article code	mm	mm	mm	mm	mm	mm	mm	kg
223 PUR/080/57/5	80	57	138	135 x 110	105 x 80	11	55	400
223 PUR/100/50/5	100	50	148	135 x 110	105 x 80	11	55	450
223 PUR/125/50/5	125	50	175	135 x 110	105 x 80	11	55	550
223 PUR/150/50/5	150	50	202	135 x 110	105 x 80	11	55	700
223 PUR/150/50/5 B*	150	50	202	135 x 110	105 x 80	11	55	700
223 PUR/200/50/5	200	50	252	135 x 110	105 x 80	11	60	1.000
223 PUR/250/60/5	250	60	300	135 x 110	105 x 80	11	65	1.100

## Heavy-duty industrial swivel castors with PEVOPUR® wheels

93° Shore A

Article code	mm	mm	mm	mm	mm	mm	kg
224 PUR/080/57/5	80	57	138	135 x 110	105 x 80	11	400
224 PUR/100/50/5	100	50	148	135 x 110	105 x 80	11	450
224 PUR/125/50/5	125	50	175	135 x 110	105 x 80	11	550
224 PUR/150/50/5	150	50	202	135 x 110	105 x 80	11	700
224 PUR/150/50/5 B*	150	50	202	135 x 110	105 x 80	11	700
224 PUR/200/50/5	200	50	252	135 x 110	105 x 80	11	1.000
224 PUR/250/60/5	250	60	300	135 x 110	105 x 80	11	1.100

\* with crowned tread

## Heavy-duty industrial fixed castors

ALLSTOP total locking device  
Code: 223 F PUR/...



directional lock  
Code: 223 PUR/...TRIF



foot protection  
Code: ...PRO



## Industrial swivel castor brackets with a load capacity of up to 1,100 kg

Housings made of extra strong pressed steel, zinc and chromated. Swivel head with double ball bearing. Bearing shells made of hardened steel. Kingpin bolted and secured. ALLSTOP total locking device on the trailing side of the housing, blocks rolling and swivel motion simultaneously.



# VULKOLLAN® load wheels



Series 178

Article code	mm	mm	mm	mm	mm	mm	kg
178/100/025/5/15	100	25	25	26	43	15	200
178/100/035/5/12	100	35	40	40	42	12	300
178/100/040/5/15 B*	100	40	45	42	45	15	350
178/100/040/5/15	100	40	45	42	45	15	350
178/100/040/5/25	100	40	45	45	54	25	350
178/100/050/5/20 B*	100	50	50	54	-	20	450
178/100/050/5/25-1	100	50	50	54	-	25	450
178/100/050/5/25-2	100	50	50	48	-	25	450
178/125/040/5/15	125	40	45	45	42	15	450
178/125/040/5/20	125	40	45	43	60	20	450
178/125/050/5/20	125	50	50	54	59	20	560
178/125/050/5/25-1	125	50	50	54	59	25	560
178/125/050/5/25-2	125	50	50	48	59	25	560
178/125/070/5/25	125	70	70	74	65	25	660
178/150/035/5/25	150	35	35	39	62	25	450
178/150/050/5/20	150	50	50	54	61	20	660
178/150/050/5/25-1	150	50	50	54	61	25	660
178/150/050/5/25-2	150	50	50	48	61	25	660
178/150/080/5/25	150	80	72	78	65	25	900
178/160/040/5/20	160	40	45	49	61	20	550
178/160/050/5/20	160	50	60	60	65	20	700
178/160/050/5/25	160	50	50	48	70	25	600
178/180/050/5/25	180	50	50	48	66	25	800
178/200/050/5/20	200	50	60	64	65	20	1.000
178/200/050/5/25	200	50	60	64	65	25	1.000
178/200/050/5/30	200	50	50	48	86	30	840
178/200/060/5/25	200	60	60	60	65	25	760
178/200/080/5/25-1	200	80	80	84	70	25	1.400
178/200/080/5/25-2	200	80	78	78	95	25	1.400
178/200/080/5/30	200	80	78	78	85	30	1.400
178/200/080/5/35	200	80	80	78	82	35	1.460
178/250/050/5/25	250	50	60	64	67	25	1.100
178/250/050/5/30	250	50	50	48	83	30	1.100
178/250/060/5/25	250	60	60	60	77	25	1.350
178/250/080/5/30-1	250	80	80	80	75	30	1.700
178/250/080/5/30-2	250	80	78	78	91	30	1.800
178/250/080/5/40	250	80	80	78	101	40	1.800
178/300/060/5/30	300	60	65	65	82	30	1.600
178/300/080/5/40	300	80	85	85	106	40	2.100

\* with crowned tread

## VULKOLLAN® load wheels

Grey cast iron wheel centres with deep groove ball bearings (/5) and VULKOLLAN® wheel tread (93° Shore A).

# VULKOLLAN®/PE·VO·PUR® guiding rollers



Series 173

Series 173 PUR

Article code	mm	mm	mm	mm	kg
173/040/015/5/10	40	15	8	10	55
173/040/020/5/10	40	20	8	10	70
173/040/025/5/10	40	25	8	10	90
173/050/015/5/10	50	15	9	10	70
173/050/018/5/17	50	18	10	17	80
173/050/020/5/12	50	20	10	12	90
173/055/020/5/12	55	20	10	12	100
173/055/020/5/15	55	20	10	15	100
173/060/020/5/17	60	20	12	17	110
173/060/020/5/20	60	20	12	20	110
173/070/020/5/17	70	20	12	17	125
173/070/020/5/20	70	20	12	20	120
173/070/025/5/20	70	25	14	20	160
173/070/025/5/25	70	25	15	25	160
173/080/025/5/20	80	25	15	20	180
173/080/025/5/25	80	25	15	25	180
173/090/025/5/25	90	25	15	25	200
173/100/025/5/25	100	25	15	25	220
173/120/025/5/20	120	25	15	20	270
173/120/025/5/25	120	25	15	25	270
173/120/030/5/30	120	30	13	30	320
173/125/030/5/20	125	30	30	20	335
173/125/030/5/25	125	30	35	25	335
173/150/050/5/35	150	50	42	35	680
173/150/080/5/35	150	80	80	35	1.030

## VULKOLLAN® guiding rollers with deep groove ball bearings

Steel wheel centres with deep groove ball bearings (/5) and VULKOLLAN® wheel tread (93° Shore A).

Article code	mm	mm	mm	mm	kg
173 PUR/050/040/5/10	50	40	40	10	180
173 PUR/050/040/5/10 B*	50	40	40	10	180
173 PUR/065/038/5/8,1	65	38	41,4	8,1	220
173 PUR/065/040/5/12	65	40	40	12	230

\* with crowned tread

## PEVOPUR® guiding rollers with deep groove ball bearings

Steel wheel centres with deep groove ball bearings (/5) and PEVOPUR® wheel tread (93° Shore A).



## STAGE-SWIVEL (turtles)












Source: RÄDER-VOGEL

### OPTIMUM RELIABILITY FOR STAGE AND EVENT TECHNOLOGY










STAGE-SWIVEL are an essential part of stage and event technology. They are used in stage trolleys for lower machinery as well as in set and scenery construction, as they are ideally suited to transporting heavy loads in a tight space, without swivelling, with very little noise and minimal effort. The use of high-quality wheel materials with a long lifespan and low starting and rolling resistance consistently meets all ergonomic and reliability requirements.

#### STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/035/27/5	35	27	78	115 x 85	80 x 55	259	9	250












#### STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/050/040/5	50	40	111,5	115 x 85	80 x 55	306	9	250












#### STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/065/38/5	65	38	125,5	138 x 109	105 x 80	329	11	450












#### STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/080/32/5	80	32	139	138 x 109	105 x 80	347	11	360












# STAGE-SWIVEL (turtles)

## STAGE-SWIVEL with solid rubber wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI STAGE/080/35/3	80	34	132	138 x 109	105 x 80	348	11	450












## STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/100/40/5	100	40	160	138 x 109	105 x 80	432	11	600












## STAGE-SWIVEL with PEVODYN®-Soft wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PD-S/100/40/5 B	100	40	160	138 x 109	105 x 80	432	11	600












## STAGE-SWIVEL with PEVOTHAN®-wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PU/100/40/5 BLACK	100	40	160	138 x 109	105 x 80	432	11	600












## STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/125/40/5 B	125	40	186,5	138 x 109	105 x 80	504	11	600












## STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/060/040/5	60	40	125	130 x 130	105 x 105	334	11	1.000












## STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/125/40/5	125	40	200	130 x 130	105 x 105	494	11	2.000



## STAGE-SWIVEL with PEVOPUR® wheels

								
Article code	mm	mm	mm	mm	mm	mm	mm	kg
37 TRI PUR/125/50/5	125	50	229	250 x 210	210 x 160	519	18	3.000





## Steel grooved wheels



Series 111

Article code	mm	mm	mm	mm	mm	mm	mm	kg
111/078/020/5/12	78	61	20	20	20	5	12	250
111/090/018/5/8,5	90	70	18	18	20	6	8,5	250
111/090/022/5/10	90	70	22	22	20	6	10	200
111/100/020/5/15	100	80	20	24	24	10	15	300
111/102/030/5/15	102	62	30	30	30	10	15	550
111/115/040/5/17	115	87	40	40	32	29	17	500
111/120/028/5/10	120	98	28	30	30	11	10	200
111/150/020/5/15	150	125	20	20	20	6,4	15	300
111/150/032/5/10	150	120	32	35	35	15	10	200
111/160/030/5/25	160	134	30	30	30	13	25	700
111/160/050/5/25	160	110	50	50	50	30,5	25	700
111/165/014/5/20	165	139	24	29	29	14	20	500
111/165/029/5/15	165	139	24	29	29	7	15	400
111/190/016/5/40	190	160	28	31	18	16	40	2.000
111/245/036/5/35	245	207	36	40	40	23	35	1.600
111/260/036/5/40	260	230	36	36	39	12	40	2.000
111/263/043/5/50	263	225	43	43	43	12,9	50	1.650

Available in RAL 1021 (yellow) on request.

### Steel grooved wheels with deep groove ball bearings

Heavy wire grooved wheels made of machined C45 steel, with deep groove ball bearings (/5).

## PE·VO·LON® grooved wheels



Series E/5

Series 132 PA

Article code	mm	mm	mm	mm	mm	mm	mm	kg
132 PA/040/030/013/5/8	40	30	13	13	7	4	8	30
132 PA/050/041/015/5/6	50	41	15	15	6	6	6	50
132 PA/050/041/015/5/8	50	41	15	15	7	6	8	50
132 PA/065/055/018/5/17	65	55	18	18	12	8	17	75
132 PA/085/075/020/5/10	85	75	20	20	9	16	10	200
132 PA/085/075/020/5/12	85	75	20	20	10	16	12	200
132 PA/085/075/020/5/20	85	75	20	20	14	16	20	200

### PEVOLON® grooved wheels with deep groove ball bearings

Roller bodies made of high-quality thermoplastic polyamide with extrusion-coat deep groove ball bearing (/5).

Article code	mm	mm	mm	mm	mm	mm	mm	kg
E 046/018/5R/08	46	34	18	18	18	12	8	80
E 050/013/5/10	50	38	13	8	8	4	10	50
E 050/025/5/10	50	40	25	25	25	12	10	100
E 060/032/5/10	60	33	32	32	32	20,5	10	130
E 100/012/5/8	100	84	12	17	7	3,5	8	85
E 100/042/5/12	100	68	42	27	27	30	12	300
E 120/020/5/10,2	120	98	20	27	30	10	10	200
E 120/022/5/17	120	90	22	28	28	12	17	240
E 120/022/5/20	120	90	22	28	14	12	20	240
E 120/062/5/12,2	120	68	62	62	67	48	12,2	650
E 124/021,5/5/12	124	98	21,5	25	25	8	12	300
E 130/018/5/15	130	110	18	30	30	11	15	250
E 150/033/5/20	150	120	33	42	42	15	20	450
E 165/040/5/25	165	141	40	43	43	20	25	600
E 300/038/5/25	300	258	38	50	44	13	25	700

Available in yellow on request.
























### PEVOLON® grooved wheels

High-quality thermoplastic polyamide, with deep groove ball bearings (/5).



Source: RÄDERVOGEL

## Pictographs

	Article code	<b>Castors</b>		<b>Grooved wheels</b>	
	Load capacity (kg)		Overall height		Flange diameter
<b>Wheels</b>			Top plate size		Tread diameter
	Wheel diameter		Bolt hole spacing		Tread width
	Wheel width		Bolt hole diameter		Hub length
	Fixing length		Offset		Hub diameter
	Hub length		Minimum circumscribed circle		Fixing length
	Hub diameter		Single bolt hole diameter		Grooved width
	Bore hole diameter				Bore diameter

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