



BS ROLLEN®
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NEW

Lifting castors





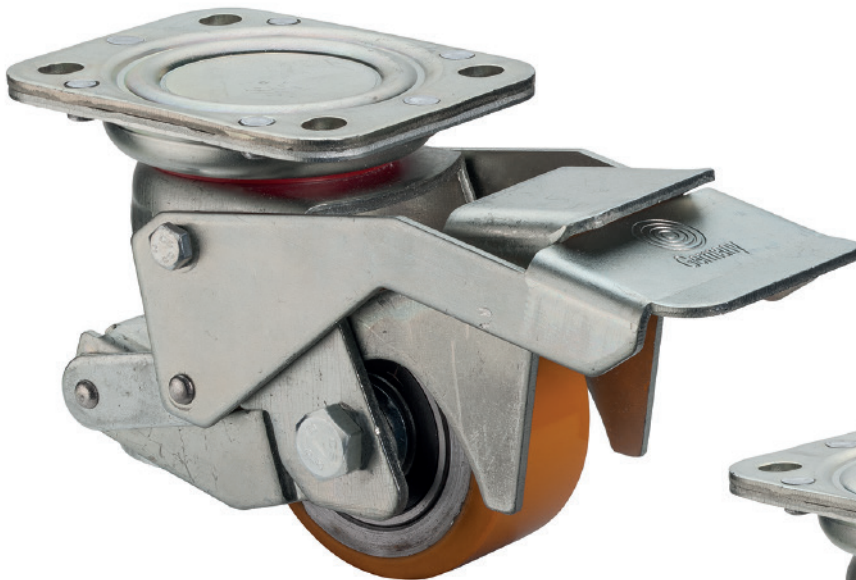
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Lifting castors W120.B15 and W120.C10

The lifting castors W120.B15 and W120.C10 are characterised by a low overall height and simultaneously high load capacity of up to 400 kg. The fork is made of galvanized sheet steel and double-row ball ring in the fork head. The lifting rollers could be mounted by screw-plate.

The locking foot is made of steel and can be locked completely with a lock nut.

The underside of the locking foot is made of non-slip rubber and can be adjusted at an angle of 30° free movement.



Castor W120.C10.080
(PU-wheel) wheel not locked



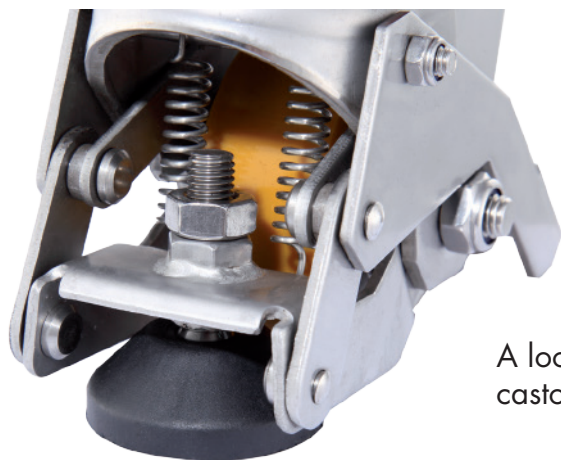
Castor W120.B15.080
(PA-wheel) with actuated brake

The lifting rollers are available with a wheel diameter of 75 mm or 80 mm. The wheels are available in a version with PA- as well as PU-thread and steel core. All wheels have a ball bearing.

The lifting rollers can be locked in a height between 112 - 125 mm or 115 - 128 mm.



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A look at the
lifting mechanism
with locking nut

A look at the lifting
castor from below



Wheel variant PU



Wheel variant PA



Models and technical data

Modell	Wheel-material	Wheeldi-diameter (mm)	Wheel-width (mm)	Plate-size (mm)	Hole-spacing-distance (mm)	Overall mounting height (mm)	Load-capacity (kg)	Pricing
W120.B15.075	PA	75	40	105 x 85	80 x 60	112 - 125	350	
W120.B15.080	PA	80	40	105 x 85	80 x 60	115 - 128	400	
W120.C10.075	PU	75	40	105 x 85	80 x 60	112 - 125	350	
W120.C10.080	PU	80	40	105 x 85	80 x 60	115 - 128	400	

Lifting castors W220.A90 and W221.A90

The models W220.A90 and W221.A90 are swivel-lifting castors with an integrated levelling foot. The used wheels are made of nylon with a plain bearing. The lifting rollers could be mounted either by screw-plate (W220.A90) or via bolt-hole with threaded hole (W221.A90).

The lifting castors are available with different wheel diameter and load capacity (see chart below).



Model W220.A90



Model W221.A90

Modelle und Technische Daten

Modell	Whee- diamater (mm)	Wheel- width (mm)	Plate size (mm)	Hole spacing distance (mm)	Bolthole thread	Overall mounting height (mm)	Possible levelling height (mm)	Load capacity (kg)	Pricing
W220.A90.040	40	19,2	55 x 55	31 x 31		75	8	50	
W220.A90.050	50	24	73 x 73	38 x 38		85	10	250	
W220.A90.062	62	30,7	90 x 90	44 x 44		110	12	500	
W220.A90.075	75	32	95 x 95	53 x 53		120	12	750	
W221.A90.040	40	19,2			M10	75	8	50	
W221.A90.050	50	24			M12	85	10	250	
W221.A90.062	62	30,7			M14	110	12	500	
W221.A90.075	75	32			M14	120	12	750	



		Strength					
mm	kg	mm					

Electrogalvanized sheet steel

306	300	8					D81.306
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Available alternative: Deliverable with Teflon coating and rotation blocker upon request

Plastic black

230	200	13					D82.230
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Plastic transparent

230	200	13					D83.230
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Aluminium

330	300	13					D84.330
450	350	15					D84.450

Plastic black

162	80	9					D85.162
250	80	12					D85.250
302	150	10					D85.302

 50 - 350 kg

Rotating collars
· with ball bearing



Rotating collars



Rotating collars



Size							
mm	kg	mm	mm	mm			

57x57	50	43x43	6,5	10,5			D80.057
81x81	80	67x67	4,0	9,0			D80.081
95x70	280	75x45	6,5	19,5			D80.095
155x155	150	128x128/116x116	5,8/5,0	10,5			D80.155
165x165	250	134x134	7	21,0			D80.175

Thrust bearing



35 - 70 kg

Container plate
Container plate
without castors



Plastic dual castors
for above mentioned
container plates








Plastic dual castors
with brake for above
mentioned container
plates



Plastic jacket



					Size
mm	kg	mm	mm	mm	mm

			54x44	5,5	405x70x2,5		CONTAINERPL...6
			50x38	5,5	425x70x2,0		CONTAINERPL...7

Hard tread for soft floor

35	70	40					F77.035
50	50	59					F77.050

Soft tread for hard floor

35	70	36					F78.035
50	50	59					F78.050

Hard tread for soft floor

35	70	40					F87.035
50	50	59					F87.050

Soft tread for hard floor

35	70	36					F88.035
50	50	59					F88.050

Hard tread for soft floor



	35	21	85x85		120x105		G85.120
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Soft tread for hard floor

	35	21	85x85		120x105		G86.120
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		Overall height glide	Size					
mm	kg	mm	mm					
Plastic glider								
50	5	5	Ø 36x24					E72.001
Felt glider								
50	5	5	Ø 36x24					E72.002
Hard tread for soft floor								
25	50	5	Ø 36x24					G88.025
Soft tread for hard floor								
25	50	5	Ø 36x24					G88.026

 50 kg

Inset glides

- housing of plastic
- soft plastic surface



Inset glides

- housing of plastic
- felt glider



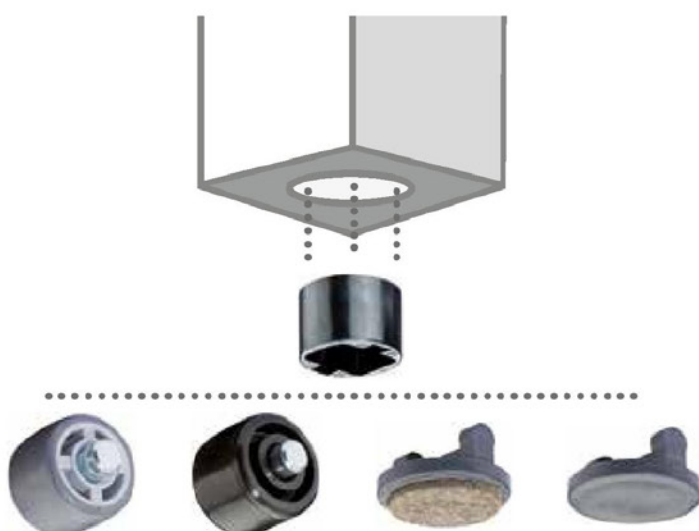
Inset castors

- housing of plastic
- Plastic wheel



Inset castors

- housing of plastic
- rubber wheel



 40 - 50 kg

Door/box castor, universal, stopper left

Housing

Zinc diecasting

Tread

Grey thermoplastic tyre

Wheel body

Plastic



Door/box castor, universal, stopper right

Housing

Zinc diecasting

Tread

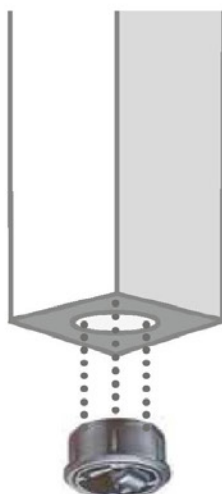
Grey thermoplastic tyre




Wheel body

Plastic



Plastic bell



			Inner width	Outer width
mm	kg	mm	mm	mm

With brake

78	40	75	22	25					G92.22.1
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Without brake

78	40	75	22	25					G93.22.1
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With brake

78	40	75	22	25					G92.22.2
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Without brake

78	40	75	22	25					G93.22.2
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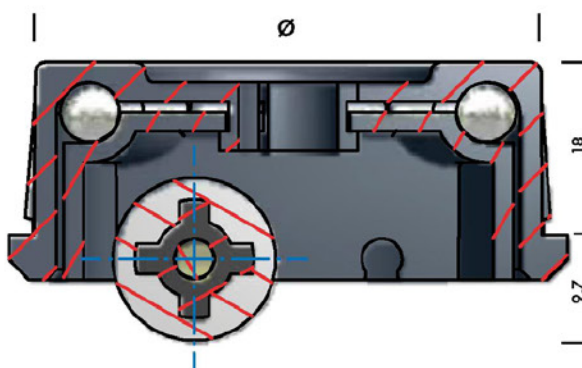
Size			Offset
mm	kg	mm	mm

Hard tread for soft floor

Ø 52	50	9,7	18						G85.052
Ø 60	50	9,7	18						G85.060
Ø 65	50	9,7	18						G85.065

Soft tread for hard floor

Ø 52	50	9,7	18						G87.052
Ø 60	50	9,7	18						G87.060
Ø 65	50	9,7	18						G87.065





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Table castors



mm	mm	mm							
28	40x40x1,5	17							G94.040
28	40x40x2,0	17							G94.041
28	50x50x1,5	17							G94.050
28	50x50x2,0	17							G94.051

28	Ø 40x1,5	17							G95.040
28	Ø 40x2,0	17							G95.041
28	Ø 50x1,5	17							G95.050
28	Ø 50x2,0	17							G95.051

	40x40								G94.001
	50x50								G94.002

	Ø 40								G95.001
	Ø 50								G95.002



**Table castor
for square tube**



**Table castor
for round tube**



**Glide cap
for table castor
square tube**



**Glide cap
for table castor
round tube**

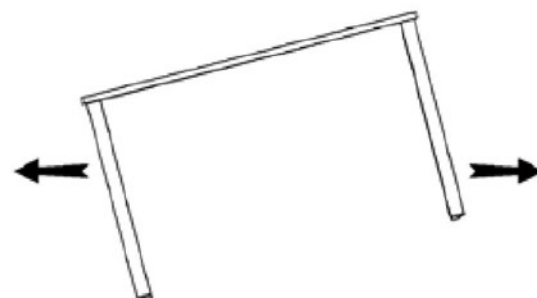
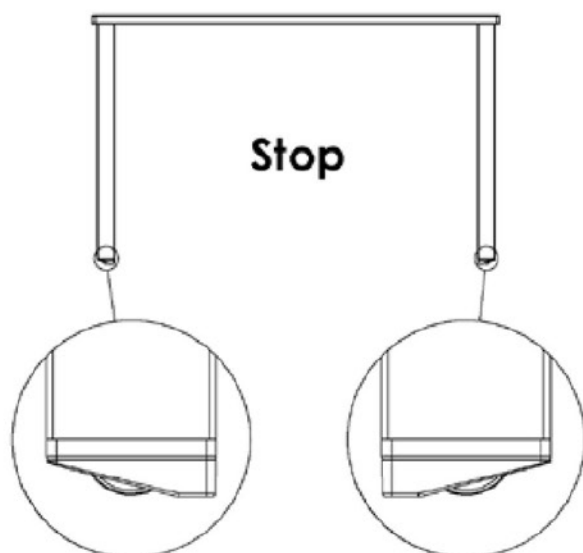




Table castors

Table castor
for square tube



Table castor
for round tube



		For tube dimension							
	mm	mm	mm						
	48	40x40x1,5	54						696.040
	48	40x40x2,0	54						696.041
	48	50x50x2,0	54						696.050
	48	Ø 35x2,0	54						697.035
	48	Ø 38x2,0	54						697.038
	48	Ø 40x2,0	54						697.040
	48	Ø 50x1,5	54						697.050
	48	Ø 50x2,0	54						697.051





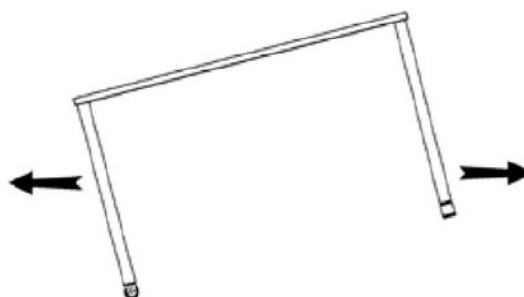
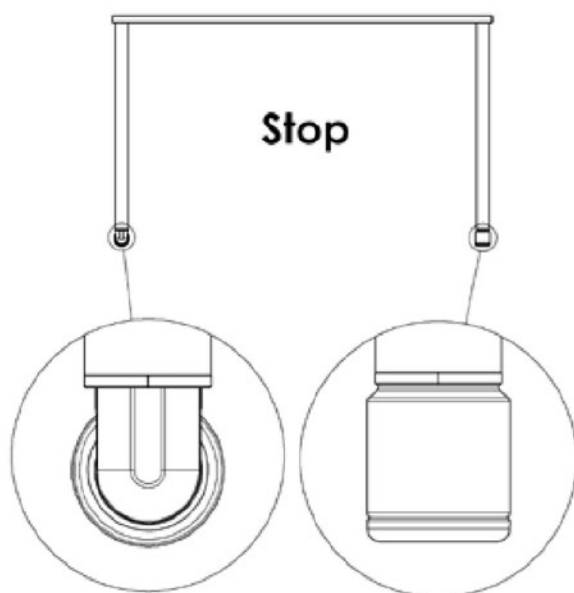
	For tube dimension							
mm	mm	mm						
45	40x40x1,5	54						G98.040
45	40x40x2,0	54						G98.041
45	50x50x2,0	54						G98.050
45	Ø 35x2,0	54						G99.035
45	Ø 38x2,0	54						G99.038
45	Ø 40x2,0	54						G99.040
45	Ø 50x1,5	54						G99.050
45	Ø 50x2,0	54						G99.051



Table foot
for square tube



Table foot
for round tube



- Model**
- Overhang 90°
 - Overhang 45°
 - Base plate and Soft frame

 75 kg

Overhang 90° with edge protection
Doesn't hinder „parking“ of the furniture.
Colour:
Deep black RAL 9005



Overhang 45° with edge protection
Optimal anti-tipping for all mobile cabinets.
Colour:
Deep black RAL 9005



Soft frame
Mounted directly onto the underside, together with the baseplate
Colour:
Black-grey RAL 7021






Baseplate
Mounted directly onto the underside
Colour:
Deep black RAL 9005



Swivel castor with brake



  									
mm kg mm									
									AUSLEGER.90
									AUSLEGER.45
									SOFTRAHMEN
									SOCKELPLATTE
75	75	85							G66.080.B21




Special castors

15 - 70 kg

Glass cutting table castor

black rubber ball 60°
Shore









		Top of ball to top of screw nut							
mm	kg	mm	mm						
35	15	53	88						E24
50	20	69	106						E25

Ladder fixed castor

spring mounted version
Rubber wheel
braked from 5 kg load



			Total height	Screw-on plate					
mm	mm	kg	mm	mm	mm	mm	mm		
50	18	40	150	59,5x48	22,5	38	5,3		E30.050

Ladder swivel castor

spring mounted version
Rubber wheel
braked from 5 kg load



50	18	40	150	59,5x48	22,5	38	5,3		E30.051
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Gate castor

spring distance 60 mm



Rubber wheel									
100	30	70	400	255x30				8	E30.100
Plastic wheel									
100	30	70	400	255x30				8	E30.101

Fixed gate castor












Rubber wheel									
80	25	50	91	115x45				8	E31.080
Plastic wheel									
80	25	50	91	115x45				8	E31.081



Compact castors



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mm	mm	kg	mm	mm	mm	mm	mm	mm
35	25	100	58	60x60	48x48/38x38	7	20	A600.C10.035
35	25	100	58	60x60	48x48/38x38	7	20	A620.C10.035

 100 kg



Swivel castor

Sheet steel fork,
dual-row ball collar
in fork head

Tread

Polyurethane
90+/- 3 Shore A

Wheel body

Steel

Bearing

Ball bearing



Swivel castor with brake

Sheet steel fork,
dual-row ball collar
in fork head

Tread










Polyurethane
90+/- 3 Shore A

Wheel body

Steel

Bearing

Ball bearing

								
mm	mm	kg	mm	mm	mm	mm	mm	mm
35	25	100	58	11	20			A601.C10.035
35	25	100	58	11	20			A621.C10.035



Swivel castor

Sheet steel fork,
dual-row ball collar
in fork head

Tread

Polyurethane
90+/- 3 Shore A

Wheel body

Steel

Bearing

Ball bearing



Swivel castor with brake

Sheet steel fork,
dual-row ball collar
in fork head

Tread

Polyurethane
90+/- 3 Shore A

Wheel body

Steel

Bearing

Ball bearing



Scaffolding castors

Swivel castor with brake

Fork in steel plate, chrome-zinc galvanised, dual-row ball collar in fork head
Tested according to DIN EN 1004



600 - 700 kg

Tread

Polyurethane
95 +/- 3 Shore A








Wheel body

Plastic

Bearing

Plain bearing



						
mm	mm	kg	mm	mm	mm	
125	40	600	158	38,35x55,5	30	V122.B26.125
150	45	700	181	38,35x55,5	30	V122.B26.150
200	50	700	241	38,35x55,5	40	V122.B26.200

Tread

Polyurethane
95 +/- 3 Shore A

Wheel body

Plastic

Bearing

Plain bearing



125	40	600	158	38,35x55,5	30	V222.B26.125
150	45	700	181	38,35x55,5	30	V222.B26.150
200	50	700	241	38,35x55,5	40	V222.B26.200

Tread

Polyurethane
95 +/- 3 Shore A

Wheel body

Plastic

Bearing

Plain bearing



125	40	600	158	38,35x55,5	30	V322.B26.125
150	45	700	181	38,35x55,5	30	V322.B26.150
200	50	700	241	38,35x55,5	40	V322.B26.200

Tread

Polyurethane
95 +/- 3 Shore A

Wheel body

Plastic

Bearing

Plain bearing



125	40	600	158	38,35x55,5	30	V422.B26.125
150	45	700	181	38,35x55,5	30	V422.B26.150
200	50	700	241	38,35x55,5	40	V422.B26.200

Tread

Polyurethane
95 +/- 3 Shore A

Wheel body

Plastic

Bearing

Plain bearing



125	40	600	158	38,35x55,5	30	V522.B26.125
150	45	700	181	38,35x55,5	30	V522.B26.150
200	50	700	241	38,35x55,5	40	V522.B26.200



Scaffolding castors

						
mm	mm	kg	mm	mm	mm	

125	40	300	158	38,35x55,5	30	V122.A90.125
150	40	400	181	38,35x55,5	30	V122.A90.150
200	45	500	241	38,35x55,5	40	V122.A90.200

125	40	300	158	38,35x55,5	30	V222.A90.125
150	40	400	181	38,35x55,5	30	V222.A90.150
200	45	500	241	38,35x55,5	40	V222.A90.200

125	40	300	158	38,35x55,5	30	V322.A90.125
150	40	400	181	38,35x55,5	30	V322.A90.150
200	45	500	241	38,35x55,5	40	V322.A90.200

125	40	300	158	38,35x55,5	30	V422.A90.125
150	40	400	181	38,35x55,5	30	V422.A90.150
200	45	500	241	38,35x55,5	40	V422.A90.200

125	40	300	158	38,35x55,5	30	V522.A90.125
150	40	400	181	38,35x55,5	30	V522.A90.150
200	45	500	241	38,35x55,5	40	V522.A90.200

Swivel castor with brake

Fork in steel plate, chrome-zinc galvanised, dual-row ball collar in fork head
Tested according to DIN EN 1004

 **300 - 500 kg**



Tread
Plastic

Wheel body
Plastic

Bearing
Plain bearing



Tread
Plastic

Wheel body
Plastic

Bearing
Plain bearing



Tread
Plastic

Wheel body
Plastic

Bearing
Plain bearing



Tread
Plastic

Wheel body
Plastic

Bearing
Plain bearing



Tread
Plastic

Wheel body
Plastic

Bearing
Plain bearing

Scaffolding castors

Swivel castor with brake

Fork in steel plate, chrome-zinc galvanised, dual-row ball collar in fork head
Tested according to DIN EN 1004

 **120 - 200 kg**

Tread

Grey rubber

Wheel body

Plastic

Bearing

Plain bearing



Tread

Grey rubber

Wheel body

Plastic

Bearing

Plain bearing



Tread

Grey rubber

Wheel body

Plastic

Bearing

Plain bearing



Tread

Plastic

Wheel body

Plastic

Bearing

Plain bearing



Tread

Plastic

Wheel body

Plastic

Bearing

Plain bearing



						
mm	mm	kg	mm	mm	mm	

100	32	120	134,5	36x105	32	V622.A80.100
125	32	150	161	46x125	37	V622.A80.125

100	32	120	134,5	26x54	32	V722.A80.100
125	32	150	161	38,35x55,5	37	V722.A80.125

100	32	120	130,5	46x61,5	32	V824.A80.100
125	32	150	157	46x61,5	37	V824.A80.125

100	34	150	134,5	36x105	32	V622.A90.100
125	38	200	161	46x125	37	V622.A90.125

100	34	150	130,5	46x61,5	32	V824.A90.100
125	38	200	157	46x61,5	37	V824.A90.125

Spring mounted heavy-duty castors



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Description

Welded steel housing
zinc-plated
strong elastomer spring
Suspension travel, see page 144

Model

- Spring mounted swivel castor
- Fixed castor spring mounted
- Spring mounted swivel castor with brake

			Overall height with out load	Overall height with full load							
mm	mm	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm

125	50	220	178	158	138x110	105x75/80	10	79,5	T100.B80.125	T110.B80.125	T120.B80.125
150	50	300	203	183	138x110	105x75/80	10	80	T100.B80.150	T110.B80.150	T120.B80.150
200	50	450	257	237	138x110	105x75/80	10	80	T100.B80.200	T110.B80.200	T120.B80.200

125	50	275	178	158	138x110	105x75/80	10	79,5	T100.B81.125	T110.B81.125	T120.B81.125
150	50	350	203	183	138x110	105x75/80	10	80	T100.B81.150	T110.B81.150	T120.B81.150
200	50	450	257	237	138x110	105x75/80	10	80	T100.B81.200	T110.B81.200	T120.B81.200

220 - 450 kg



Tread

Black elastic tyre

Wheel body

Aluminium

Bearing

Ball bearing



Tread

Black elastic tyre

Wheel body

Cast iron

Bearing

Ball bearing

Spring mounted heavy-duty castors

Description

Welded steel housing
zinc-plated
strong elastomer spring
Suspension travel, see below

Model

- Spring mounted swivel castor
- Fixed castor spring mounted
- Spring mounted swivel castor with brake

 **250 - 600 kg**

Tread

Cast polyurethane
78 Shore A

Wheel body

Aluminium

Bearing

Ball bearing



Tread

Cast polyurethane
75 Shore A

Wheel body

Cast iron

Bearing

Ball bearing



Tread

Cast polyurethane
95+/-3 Shore A

Wheel body

Aluminium

Bearing

Ball bearing



Tread

Cast polyurethane
95+/-3 Shore A

Wheel body

Cast iron

Bearing

Ball bearing



			Overall height with out load	Overall height with full load							
mm	mm	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm

125	40	250	178	158	138x110	105x75/80	10	79,5	T100.B91.125	T110.B91.125	T120.B91.125
160	50	500	203	183	138x110	105x75/80	10	80	T100.B91.160	T110.B91.160	T120.B91.160
200	50	600	257	237	138x110	105x75/80	10	80	T100.B91.200	T110.B91.200	T120.B91.200

125	50	400	178	158	138x110	105x75/80	10	79,5	T100.C11.125	T110.C11.125	T120.C11.125
150	50	500	203	183	138x110	105x75/80	10	80	T100.C11.150	T110.C11.150	T120.C11.150
200	50	600	257	237	138x110	105x75/80	10	80	T100.C11.200	T110.C11.200	T120.C11.200

125	50	450	178	158	138x110	105x75/80	10	79,5	T100.B90.125	T110.B90.125	T120.B90.125
150	50	550	203	183	138x110	105x75/80	10	80	T100.B90.150	T110.B90.150	T120.B90.150
200	50	600	257	237	138x110	105x75/80	10	80	T100.B90.200	T110.B90.200	T120.B90.200

125	50	550	178	158	138x110	105x75/80	10	79,5	T100.C10.125	T110.C10.125	T120.C10.125
150	50	600	203	183	138x110	105x75/80	10	80	T100.C10.150	T110.C10.150	T120.C10.150
200	50	600	257	237	138x110	105x75/80	10	80	T100.C10.200	T110.C10.200	T120.C10.200

Housing mm	Spring tension kg	Initial tension kg	Spring deflection mm
125	350	50	20
150/160	400	50	20
200	600	50	20



Size					
mm	mm	mm	mm	kg	

225x145	185x105	12,0	43,0	1500				D80.225
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 600 - 1500 kg


Thrust bearing



138x109	105x75/80	11,0	26,0	600				D80.138
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Thrust bearing



Plate size		Screwhole bore	Allows fitting of castors with Ø	Fitting height	Adjustable height	
mm	mm	mm	mm	mm	mm	

135x110	105x75/80	10	100	141 +/- 2	117-146	T220.100
135x110	105x75/80	10	125	163 +/- 2	137-168	T220.125
135x110	105x75/80	10	150	190 +/- 2	155-195	T220.150
135x110	105x75/80	10	200	240 +/- 2	205-245	T220.200

Machine foot



Clamp panel rollers

 200 - 500 kg

**Clamp panel rollers,
Type 1-3
with plastic wheels**
zinc-plated
felt lined



Clamp
width



mm	mm	kg							
200	0-70	500							PLATTENWAGEN 1P
200	0-110	500							PLATTENWAGEN 2P
200	70-160	500							PLATTENWAGEN 3P

**Clamp panel rollers,
Type 1-3
with rubber wheels**
zinc-plated
felt lined



200	0-70	250							PLATTENWAGEN 1G
200	0-110	250							PLATTENWAGEN 2G
200	70-160	250							PLATTENWAGEN 3G

**Clamp panel rollers,
Type 1-3
with pneumatic wheels**
zinc-plated
felt lined



260	0-70	200							PLATTENWAGEN 1L
260	0-110	200							PLATTENWAGEN 2L
260	70-160	200							PLATTENWAGEN 3L





All-purpose dollies



BS ROLLEN®
we are moving everything

	Plate size		
mm	mm	kg	mm

Plastic wheel

75	290 x 590	200	108						A-ROLLER.050
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 200 - 600 kg

All-purpose dollies

MDF, 4 anti-slip pads, with black plastic castors



Plastic wheel

100	300 x 600	350	140						A-ROLLER.100
100	350 x 600	500	145						A-ROLLER.300
125	500 x 600	600	165						A-ROLLER.500

Available alternative: Covering colour selection

All-purpose dollies

made of 7-9 times glued laminated multiplex-plywood with dimpled non-slip coating in grey



Rubber wheel

100	300 x 600	250	140						A-ROLLER.200
100	350 x 600	250	145						A-ROLLER.400
125	500 x 600	350	165						A-ROLLER.600
125	600 x 800	350	165						A-ROLLER.700

Available alternative: Covering colour selection

All-purpose dollies

made of 7-9 times glued laminated multiplex-plywood with dimpled non-slip coating in grey



„Speedpacker ...
red, swift, silent and non-marking.“

	Plate size		
mm	mm	kg	mm

Thermoplastic wheel

100	350 x 600	330	145						A-ROLLER.850
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Available alternative: Covering colour selection



- non-marking
- high riding comfort
- low roll resistance
- low noise running

All-purpose dollies

made of 7-9 times glued laminated multiplex-plywood with dimpled non-slip coating in red





Transport equipment/Plant roller



200 - 300 kg

PROFI-ROLLER

Birch wood board with carrying handles and anti slip pads foldable drawbar with 2 swivel and fixed castors, grey rubber wheels



EURO-ROLLER

Birch wood board with carrying handles and 4 boundary elements with 4 swivel castors with grey rubber wheels



Plate size



mm	mm	kg						
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100	800 x 400	300						PROFI-ROLLER
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100	630 x 430	300						EURO-ROLLER
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mm	mm	kg	mm					
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380	75	200	115					B.-ROLLER.100
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Plant roller with handle

- 2 swivel castors
- 2 swivel castors with brake
- suitable for outdoor use





Transport equipment



BS ROLLEN®
we are moving everything

	Size of shovel		Size unfolded	Size folded	Material of the shovel	
mm	mm	kg	mm	mm		

125	395 x 281	70	1000 x 395 x 415	635 x 395 x 52	Aluminium	TPK.070
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 70 - 150 kg



2-wheel foldable transporting truck



		Highest level	Size unfolded	Size folded	Pay load (ladder erected)	Pay load (transport)	
mm	mm	mm	mm	mm	kg	kg	

100	1265	770	735 x 470 x 1190	90 x 480 x 1265	150	90	MLK.090
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Mobile multi-purpose folding steps



	Plate size			Size unfolded	Size folded	
mm	mm	kg	mm	mm	mm	

100	653 x 415	150	183	653 x 415 x 920	653 x 415 x 85	TWG.150
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Plastic platform foldable hand truck

