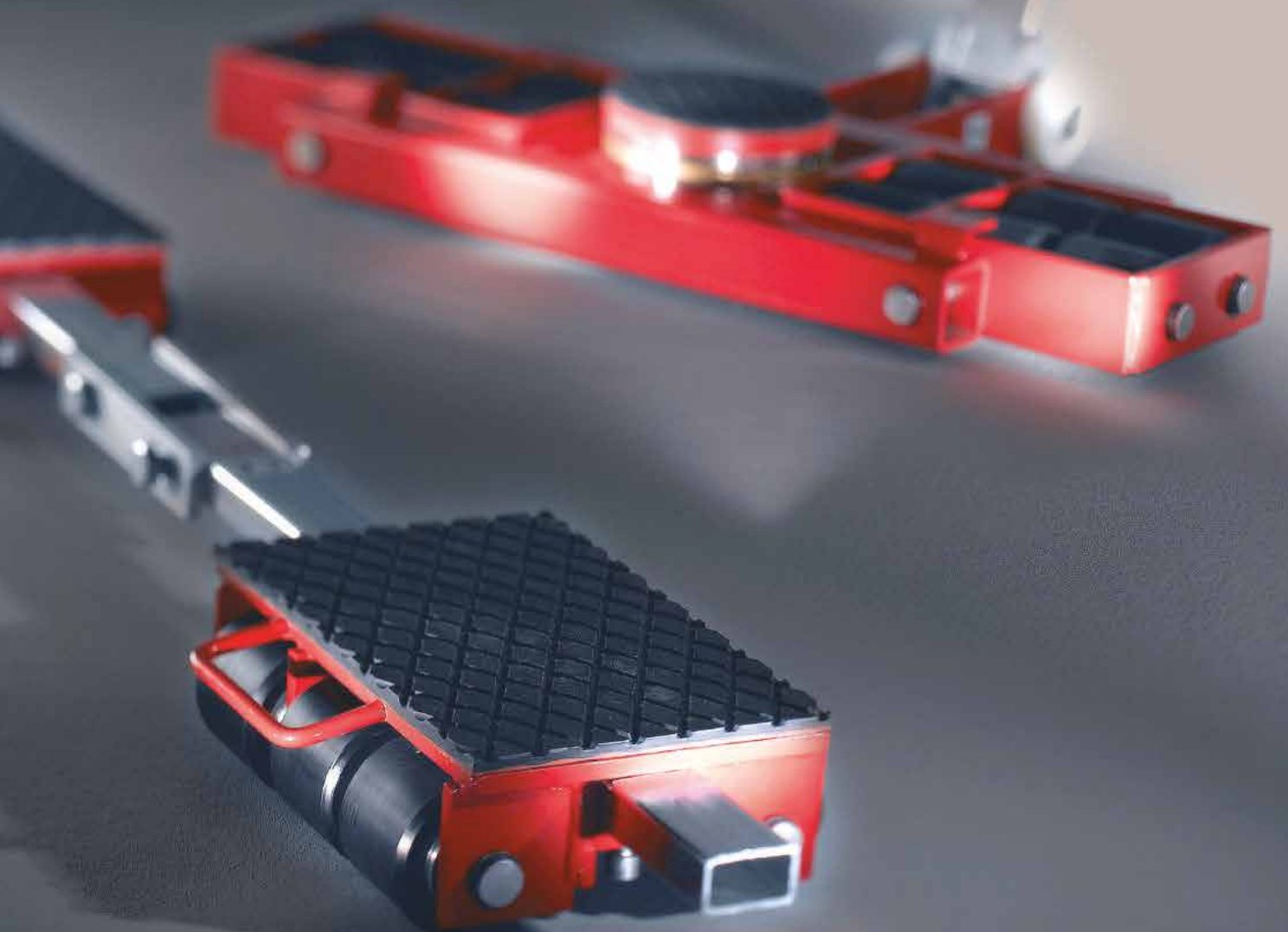


Transport Trolleys

F / L / TL

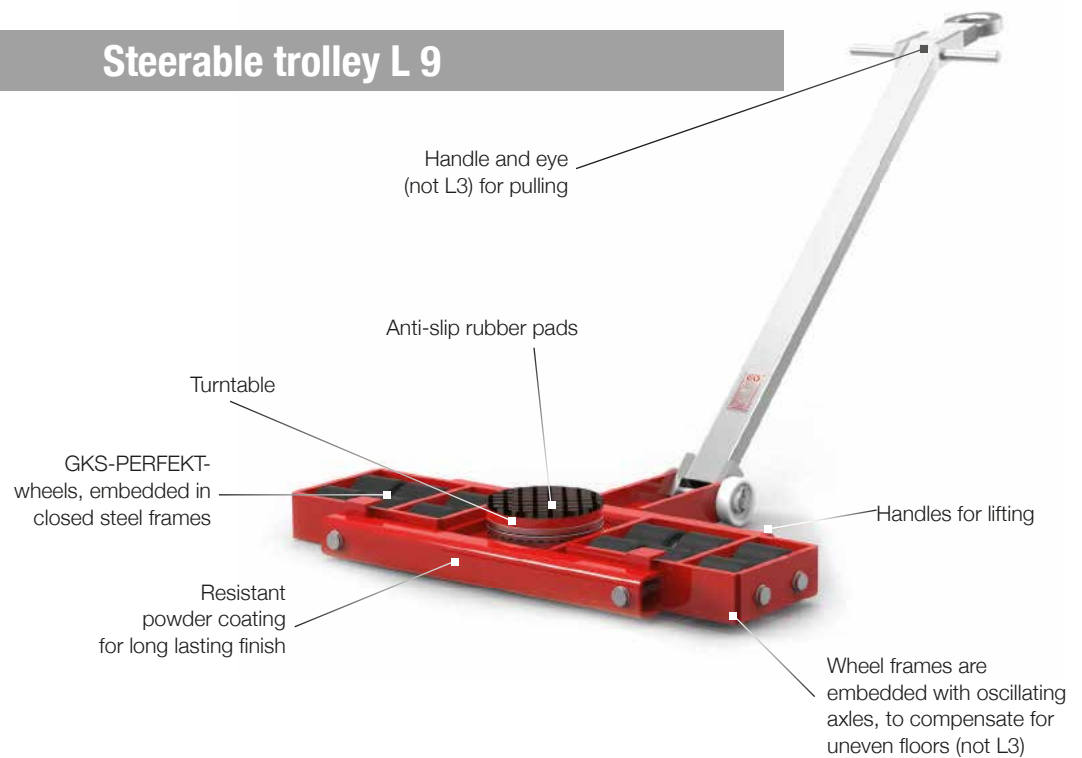


Transport Trolleys

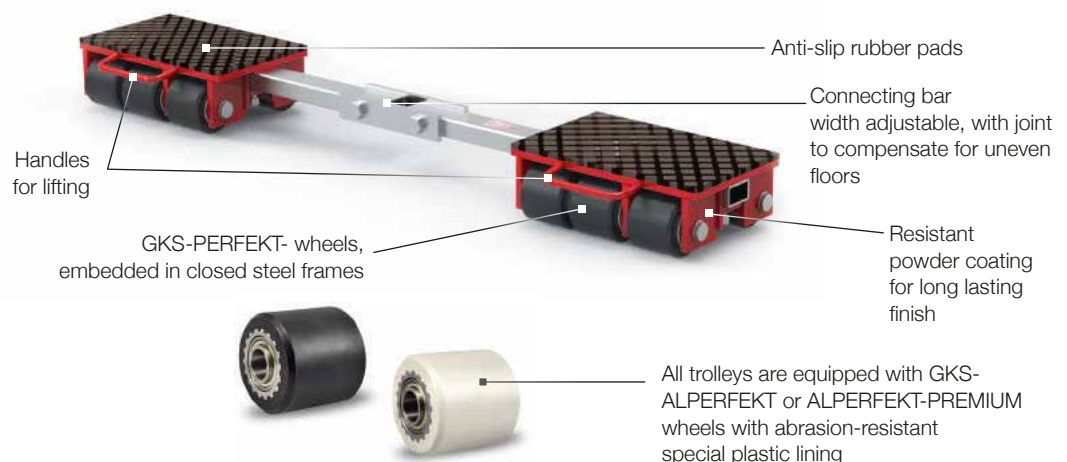
F / L / TL

Our GKS-PERFEKT transport trolleys for loads up to 120 t have proven themselves worldwide over many decades. The set, consisting of the steerable trolley L and the rear trolley F, offers 3-point support, which makes it the perfect solution for safe transport. Long or bulky loads can be moved just as safely with the tandem trolleys TL. Various wheel linings facilitate a wide range of applications from use on sensitive flooring to heavily contaminated surfaces.

Steerable trolley L 9



Fixed rear trolley F 9





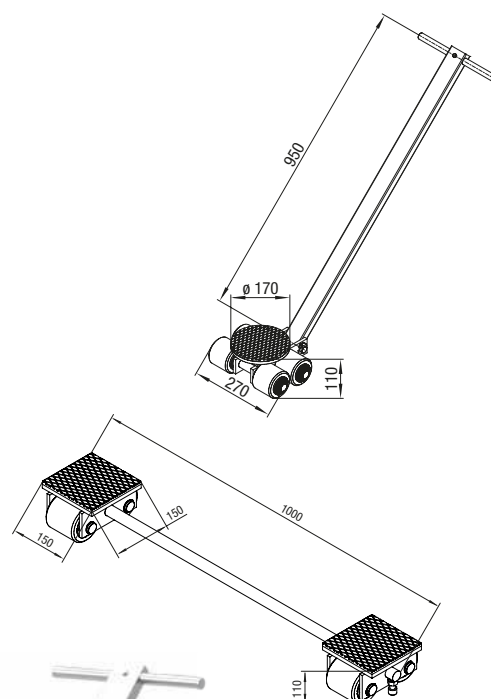
Transport Trolleys F3 / L3 ►► For heavy loads up to 6 tons

Features:

- Sturdy construction
- Extremely low loading height: 110 mm
- All trolleys with the same loading height can be combined
- High durability wheels have been tested for years
- Handles with eyes, made from especially robust materials, includes towing eye (not F3)



Technical data	F3	L3
Item number	10206	10207
Loading height / number of wheels (85 x 85 mm)	110 mm / 4	110 mm / 4
Contact surface per cartridge	150 x 150 mm	–
Connecting bar	300 – 1000 mm	–
Swivel plate ø 170 mm, steering angle	–	± 90°
Steering rod	–	950 mm
Overall dimensions (L x W)	–	270 x 230 mm
Tare weight	15 kg	12 kg
Load Capacity	30 kN (3 t)	30 kN (3 t)
Total load capacity	60 kN (6 t)	





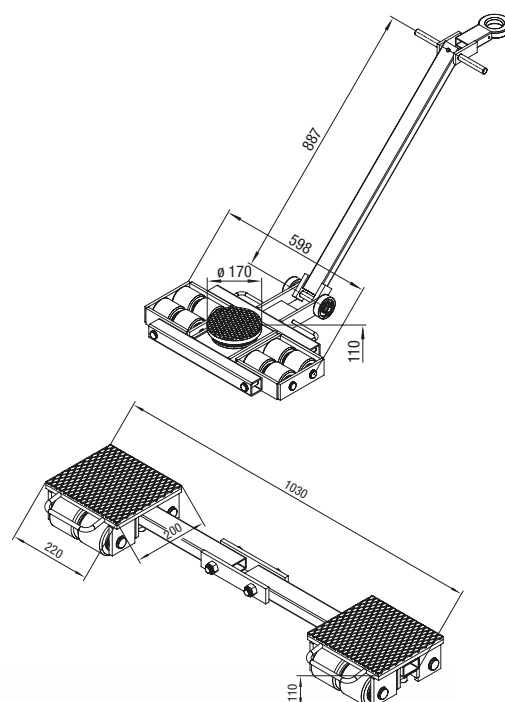
Transport Trolleys F6 / L6 ►► For heavy loads up to 12 tons

Features:

- Sturdy construction
- Extremely low loading height: 110 mm
- All trolleys with the same loading height can be combined
- High durability wheels have been tested for years
- Handles with eyes, made from especially robust materials, includes towing eye

Technical data

	F6	L6
Item number	10208	10209
Loading height / number of wheels (85 x 85 mm)	110 mm / 8	110 mm / 8
Contact surface per cartridge	200 x 220 mm	–
Swivel plate ø 170 mm, steering angle	–	± 90°
Steering rod	–	1080 mm
Overall dimensions (L x W)	–	610 x 520 mm
Tare weight	30 kg	41 kg
Load Capacity	60 kN (6 t)	60 kN (6 t)
Total load capacity	120 kN (12 t)	



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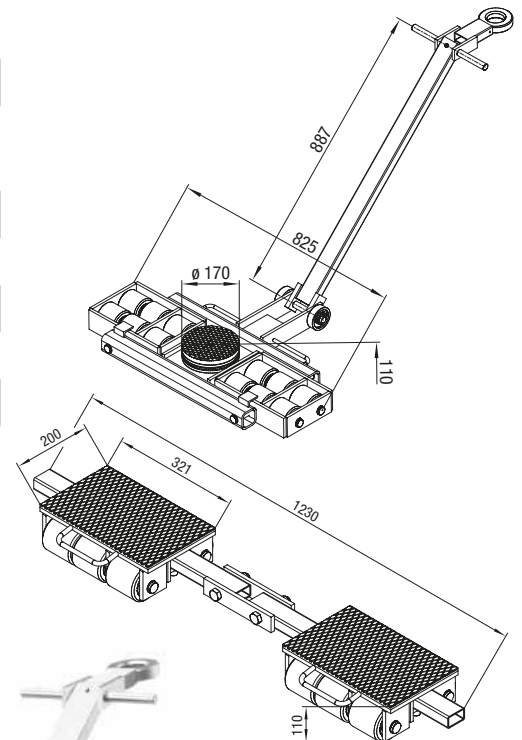
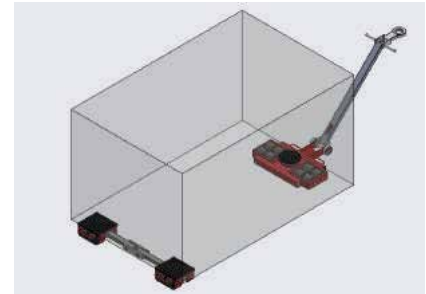


Transport Trolleys F9 / L9 ►► For heavy loads up to 18 tons

Features:

- Can be combined with the Tandem trolleys TL6 / TL12 or Rotating trolleys RL2 / 4 / 6
- Extremely low loading height: 110 mm

Technical data	F9	L9
Item number	11070	11071
Loading height / number of wheels (85 x 85 mm)	110 mm / 12	110 mm / 12
Contact surface per cartridge	320 x 200 mm	–
Swivel plate ø 170 mm, steering angle	–	± 90°
Steering rod	–	1080 mm
Overall dimensions (L x W)	–	840 x 583 mm
Tare weight	43 kg	59 kg
Load Capacity	90 kN (9 t)	90 kN (9 t)
Total load capacity	180 kN (18 t)	



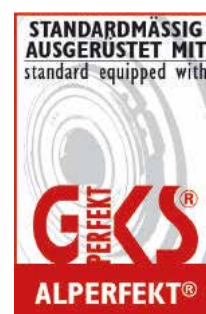
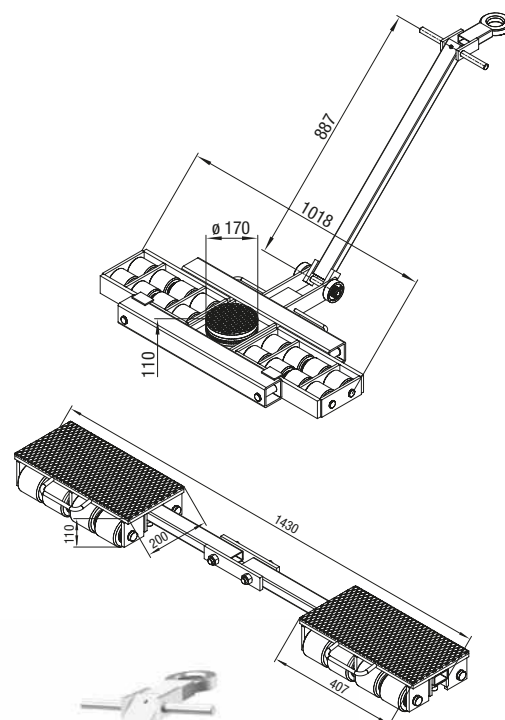
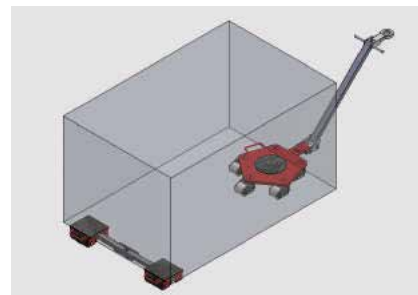


Transport Trolleys F12 / L12 ►► For heavy loads up to 24 tons

Features:

- Can be combined with the Tandem trolleys TL6 / TL12 or Rotating trolleys RL2 / 4 / 6
- Extremely low loading height: 110 mm
- All trolleys of the product ranges F / L3 to F / L18 can be combined with each other

Technical data	F12	L12
Item number	10312	10313
Loading height / number of wheels (85 x 85 mm)	110 mm / 16	110 mm / 16
Contact surface per cartridge	200 x 407 mm	–
Swivel plate ø 170 mm, steering angle	–	± 90°
Steering rod	–	1080 mm
Overall dimensions (L x W)	–	1030 x 620 mm
Tare weight	52 kg	80 kg
Load Capacity	120 kN (12 t)	120 kN (12 t)
Total load capacity	240 kN (24 t)	



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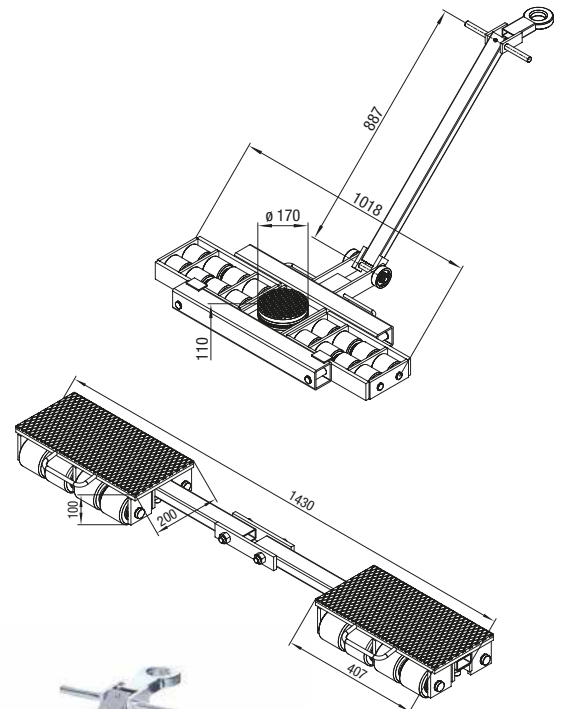
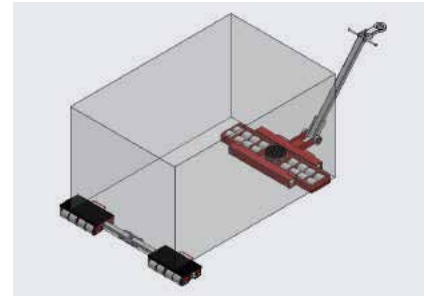


Transport Trolleys F18 / L18 ►► For heavy loads up to 36 tons

Features:

- Can be combined with the Tandem trolleys TL6 / TL12 or Rotating trolleys RL2 / 4 / 6
- Extremely low loading height: 110 mm

Technical data	F18	L18
Item number	10215	10216
Loading height / number of wheels (85 x 85 mm)	110 mm / 16	110 mm / 16
Contact surface per cartridge	200 x 407 mm	–
Swivel plate ø 170 mm, steering angle	–	± 90°
Steering rod	–	1080 mm
Overall dimensions (L x W)	–	1030 x 620 mm
Tare weight	55 kg	82 kg
Load Capacity	180 kN (18 t)	180 kN (18 t)
Total load capacity	360 kN (36 t)	





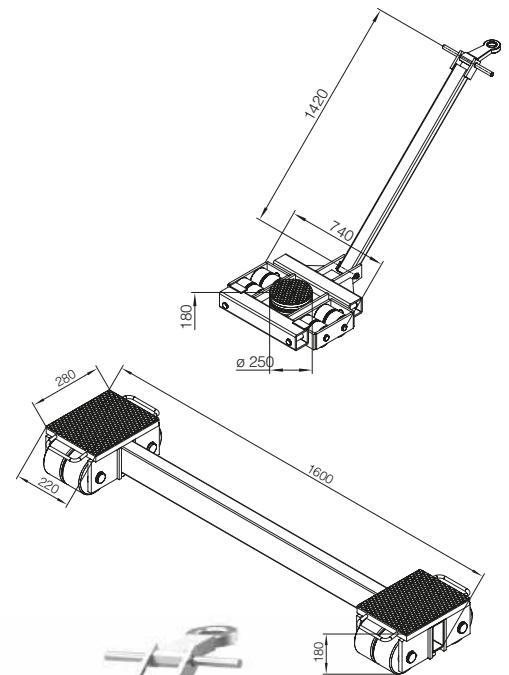
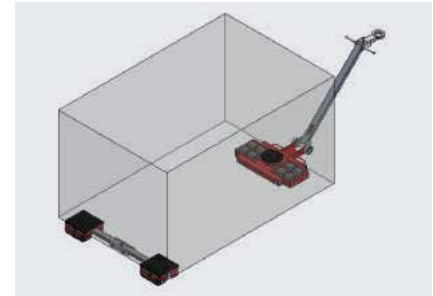
Transport Trolleys F20 / L20 ►► For heavy loads up to 40 tons

Features:

- Heavy-duty transport trolleys F / L20 to F / L60 for loads of 40 to 120 tons
- Loading height: 180 mm
- All trolleys of the product ranges F / L20 to F / L60 can be combined with each other

Technical data

	F20	L20
Item number	11060	11061
Loading height / number of wheels (140 x 85 mm)	180 mm / 8	180 mm / 8
Contact surface per cartridge	280 x 220 mm	–
Swivel plate ø 250 mm, steering angle	–	± 90°
Steering rod	–	1620 mm
Overall dimensions (L x W)	–	747 x 800 mm
Tare weight	81 kg	170 kg
Load Capacity	200 kN (20 t)	200 kN (20 t)
Total load capacity	400 kN (40 t)	



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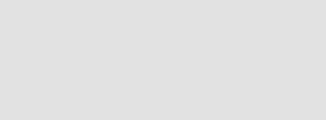
Rotating Trolleys

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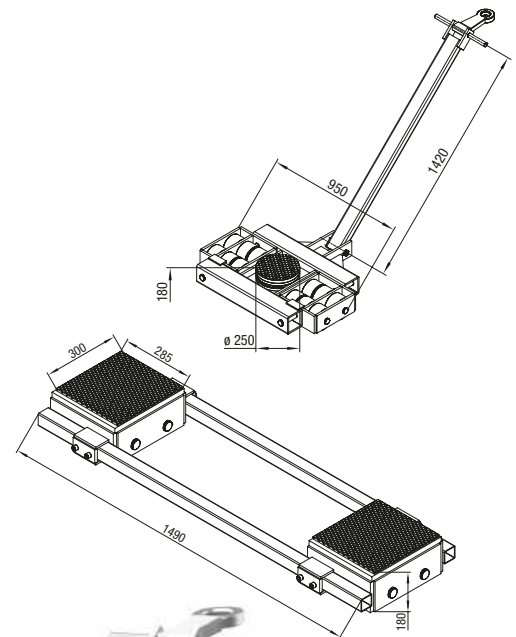


Transport Trolleys F30 / L30 ►► For heavy loads up to 60 tons

Features:

- Can be combined with all trolleys of identical loading height
- Two connecting bars for greater stability

Technical data	F30	L30
Item number	11992	11993
Loading height / number of wheels (140 x 85 mm)	180 mm / 12	180 mm / 12
Contact surface per cartridge	290 x 320 mm	–
Swivel plate ø 250 mm, steering angle	–	± 90°
Steering rod	–	1620 mm
Overall dimensions (L x W)	–	820 x 952 mm
Tare weight	128 kg	214 kg
Load Capacity	300 kN (30 t)	300 kN (30 t)
Total load capacity	600 kN (60 t)	



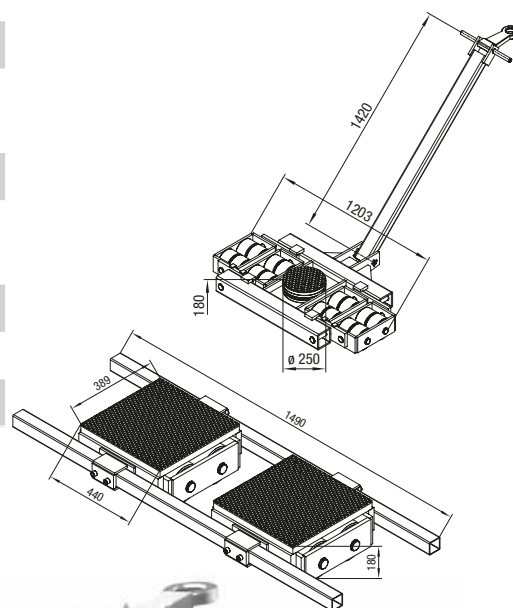
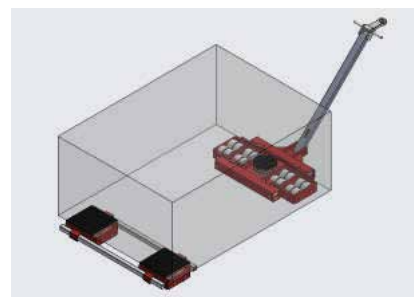


Transport Trolleys F40 / L40 ►► For heavy loads up to 80 tons

Features:

- Can be combined with all trolleys of identical loading height
- Two connecting bars for greater stability

Technical data	F40	L40
Item number	11770	11771
Loading height / number of wheels (140 x 85 mm)	180 mm / 16	180 mm / 16
Contact surface per cartridge	370 x 370 mm	–
Swivel plate ø 250 mm, steering angle	–	± 90°
Steering rod	–	1620 mm
Overall dimensions (L x W)	–	1204 x 855 mm
Tare weight	210 kg	264 kg
Load Capacity	400 kN (40 t)	400 kN (40 t)
Total load capacity	800 kN (80 t)	



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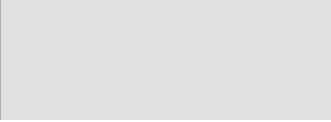
Rotating Trolleys

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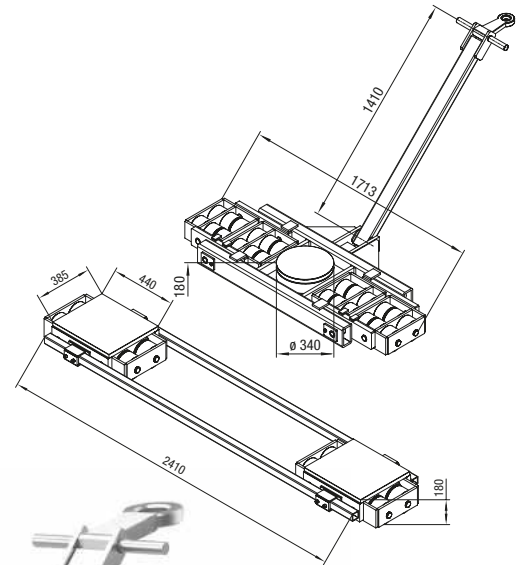
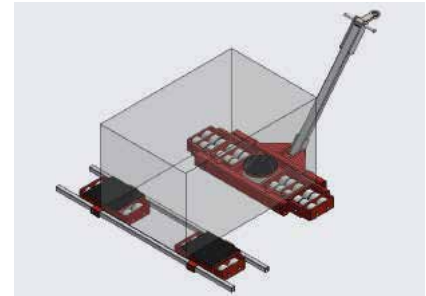


Transport Trolleys F60 / L60 ►► For heavy loads up to 120 tons

Features:

- Can be combined with the Tandem trolleys of identical loading height
- Two connecting bars for greater stability

Technical data	F60	L60
Item number	10226	10227
Loading height / number of wheels (140 x 85 mm)	180 mm / 24	180 mm / 24
Contact surface per cartridge	390 x 440 mm	–
Swivel plate ø 340 mm, steering angle	–	± 90°
Steering rod	–	1620 mm
Overall dimensions (L x W)	–	835 x 1690 mm
Tare weight	290 kg	435 kg
Load Capacity	600 kN (60 t)	600 kN (60 t)
Total load capacity	1200 kN (120 t)	





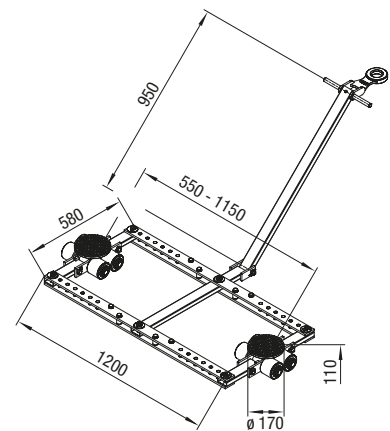
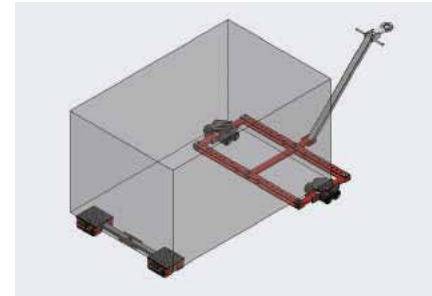
Transport Trolleys TL6 ►► For heavy loads up to 6 tons

Features:

- Ideally suited for loads, when 4-point support is required
- Can be combined with all F trolleys of identical loading height

Technical data

	TL6
Item number	10229
Loading height / number of wheels (85 x 85 mm)	110 mm / 8
2 swivel plates ø 170 mm, steering angle	± 50°
7 x adjustable	550-1150 mm
Steering rod with eye for pulling	960 mm
Tare weight	54 kg
Load Capacity	60 kN (6 t)



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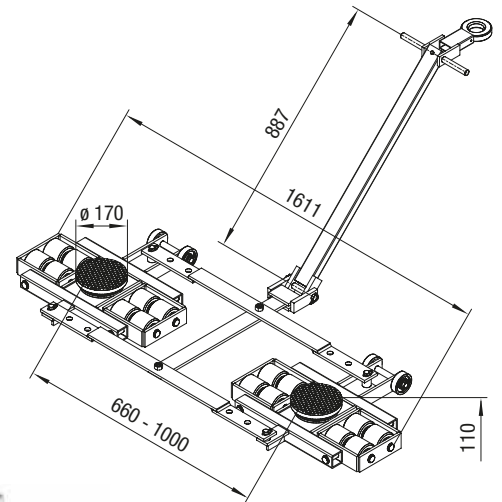
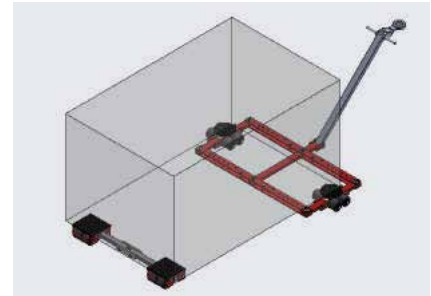
Transport Trolleys TL12 ►► For heavy loads up to 12 tons

Features:

- Ideally suited for loads, when 4-point support is required

Technical data

	TL12
Item number	10230
Loading height / number of wheels (85 x 85 mm)	110 mm / 16
2 swivel plates ø 170 mm, steering angle	± 40°
3 x adjustable	660-1000 mm
Steering rod with eye for pulling	1080 mm
Tare weight	105 kg
Load Capacity	120 kN (12 t)





Transport Trolleys TL20 ►► For heavy loads up to 20 tons

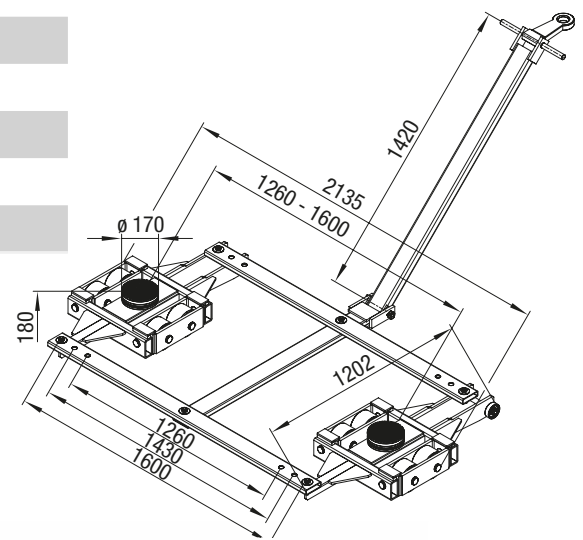
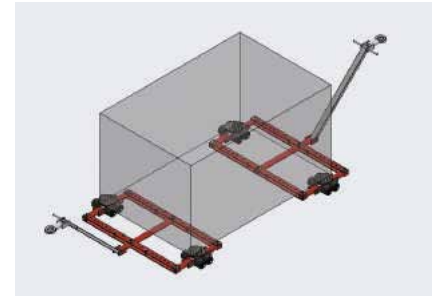
Features:

- Smaller turn radius is achieved by using a Tandem trolley in the front and rear
- Can be combined with all F trolleys of identical loading height

Technical data

TL20

Item number	11803
Loading height / number of wheels (140 x 85 mm)	180 mm / 8
2 swivel plates ø 170 mm, steering angle	± 45°
3 x adjustable	1260-1600
Steering rod with eye for pulling	1620 mm
Tare weight	222 kg
Load Capacity	200 kN (20 t)



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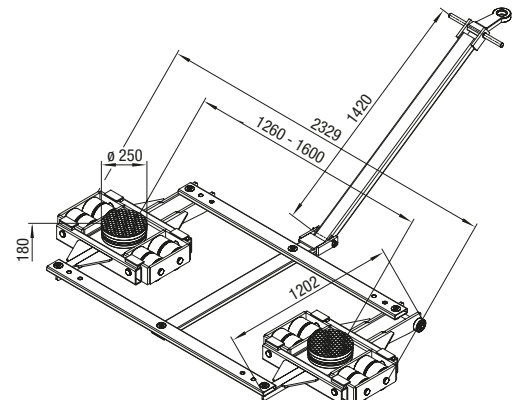
Transport Trolleys TL40 ►► For heavy loads up to 40 tons

Features:

- A small turn radius can be realized with two Tandem trolleys (front and back)

Technical data

	TL40
Item number	11148
Loading height / number of wheels (140 x 85 mm)	180 mm / 16
2 swivel plates ø 250 mm, steering angle	± 45°
3 x adjustable	1260-1600
Steering rod with eye for pulling	1620 mm
Tare weight	260 kg
Load Capacity	400 kN (40 t)





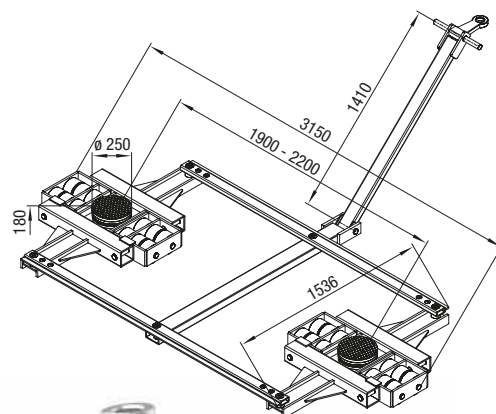
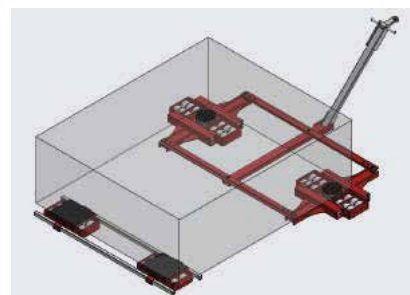
Transport Trolleys TL60 ►► For heavy loads up to 60 tons

Features:

- Smaller turn radius is achieved by using a Tandem trolley in the front and rear
- Can be combined with trolley F60 for loads up to 120 t

Technical data

	TL60
Item number	12035
Loading height / number of wheels (140 x 85 mm)	180 mm / 24
2 swivel plates ø 250 mm, steering angle	± 40°
3 x adjustable	1175*
Steering rod with eye for pulling	1620 mm
Tare weight	570 kg
Load Capacity	600 kN (60 t)



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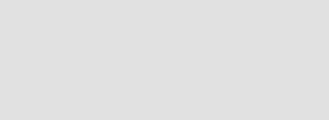
Rotating Trolleys

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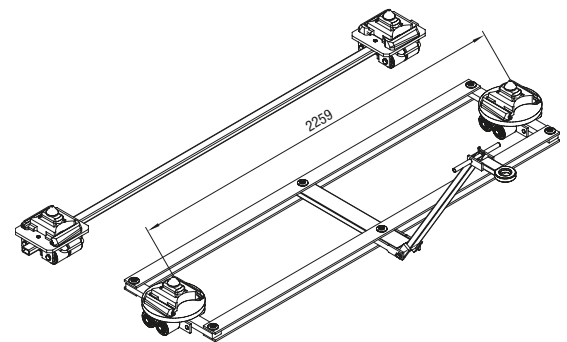
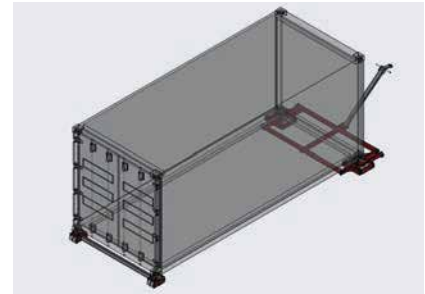


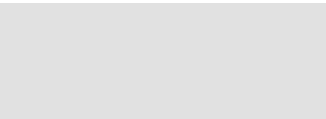
Container Trolleys F6-c / TL6-c ►► For heavy loads up to 12 tons

Features:

- Tandem trolley set with 4-point support for quick and secure connecting of trolleys and ISO containers with Twistlock interlocking
- Very low loading height

Technical data	F6-c	TL6-c
Item number	13642	13643
Loading height / wheels (85 x 85 mm) / number of wheels	176 mm / 8	176 mm / 8
Track width / Twistlock	2259 mm	2259 mm
Tare weight	73 kg	118 kg
Load Capacity	60 kN (6 t)	60 kN (6 t)
Total load capacity F+TL	120 kN (12 t)	



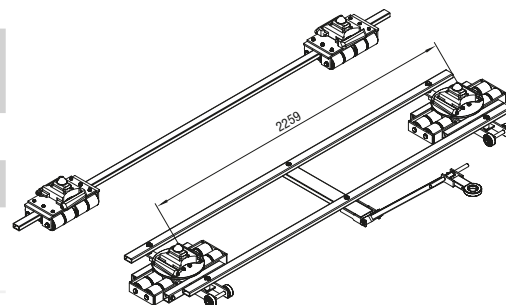


Container Trolleys F12-c / TL12-c ►► For heavy loads up to 24 tons

Features:

- Tandem trolley set with 4-point support for quick and secure connecting of trolleys with ISO containers with Twistlock interlocking
- Very low loading height

Technical data	F12-c	TL12-c
Item number	14130	14129
Loading height / wheels (85 x 85 mm) / number of wheels	176 mm / 16	176 mm / 16
Track width / Twistlock	2259 mm	2259 mm
Tare weight	140 kg	123 kg
Load Capacity	120 kN (12 t)	120 kN (12 t)
Total load capacity F+TL	240 kN (24 t)	



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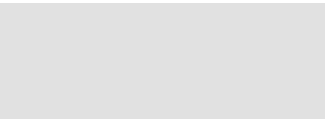
Rotating Trolleys

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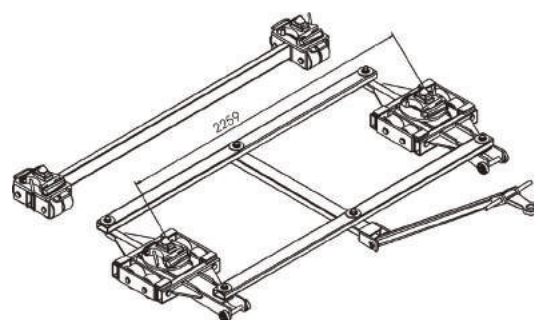


Container Trolleys F20-c / TL20-c ►► For heavy loads up to 40 tons

Features:

- Length and width according to container dimensions (10 Ft, 20 Ft, 40 Ft ...)

Technical data	F20-c	TL20-c
Item number	13293	13294
Loading height / wheels (140 x 85 mm) / number of wheels	230 mm / 8	230 mm / 8
Track width / Twistlock	2259 mm	2259 mm
Tare weight	140 kg	345 kg
Load Capacity	200 kN (20 t)	200 kN (20 t)
Total load capacity F+TL	400 kN (40 t)	



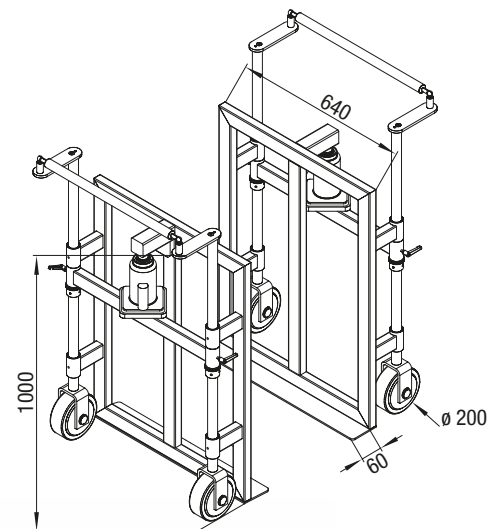


Special Transport Trolleys Twinlifter TW28 ►► For heavy loads up to 2.8 tons

Twinlifter TW28

- Ideally suited for transport of bulky and heavy loads such as tool cabinets, control cabinets, safes, crates, machinery, boilers, etc.

Twinlifter	TW28	
Item number	11082 (PA wheels)	13687 (PUR wheels)
Load capacity per pair	28 kN (2.8 t)	
Weight	60 kg	
Lifting height max.	177 mm	
Overall height	1000 mm	
Width	640 mm	
Loading height	5 mm	
Min. wheel diameter of the PA wheels	200 mm	
Length of lashing strap with tension ratchet	8000 mm	



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