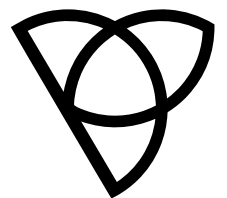


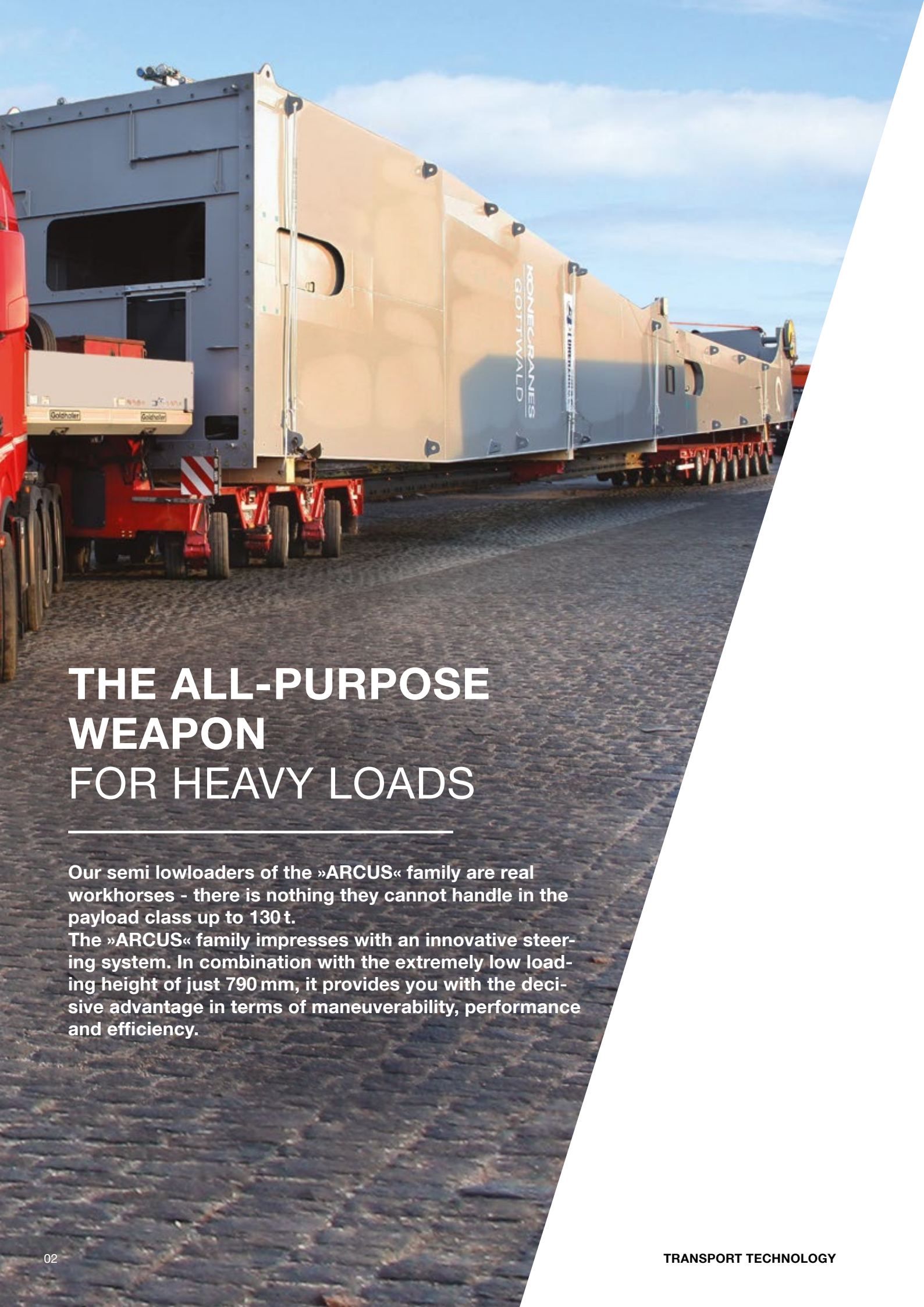


»ARCUS« P  
»ARCUS« PK

SEMI LOWLOADERS



ARCUS



# THE ALL-PURPOSE WEAPON FOR HEAVY LOADS

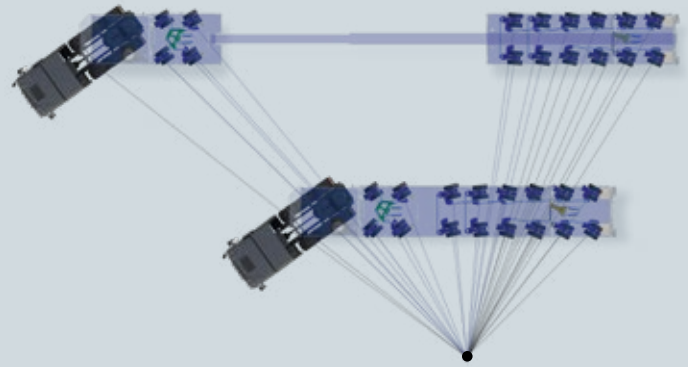
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Our semi lowloaders of the »ARCUS« family are real workhorses - there is nothing they cannot handle in the payload class up to 130 t.

The »ARCUS« family impresses with an innovative steering system. In combination with the extremely low loading height of just 790 mm, it provides you with the decisive advantage in terms of maneuverability, performance and efficiency.

## OPTIMUM STEERING

- + Ideal cornering characteristics and optimum adaptation of the steering to each extension stages by utilizing the combination of friction and positively steered pendular axles
- + No manual adjustment of the steering of the rear chassis is required for the different extension stages
- + Exact maneuvering and reverse driving due to automatic conversion to a forced steered system



Exemplary representation

## SIMPLE OPERATION

The standard equipment with Goldhofer »SmartControl« enables the operation of many functions of a semi-trailer vehicle at the push of a button, from starting up the traction unit to the electronic tracking aid and up to, and including, saving and adjustment of different driving heights.



All »SmartControl« functions can also be actuated by using the operating panels on the gooseneck and chassis.



## SOPHISTICATED DESIGN FRICTION STEERED PENDULAR AXLE

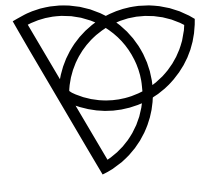
In addition to reducing the number of components which are required, our new pendular axle particularly provides you with an advantage in terms of efficiency. The new friction-steered axle unit significantly reduces tire wear and puts significantly less strain on all components.

- » **Maximum steering angle 65°**
- » **Axle stroke 600 mm**
- » **Loading height 790 mm**





# »ARCUS« P | »ARCUS« PK UNMATCHED FLEXIBILITY



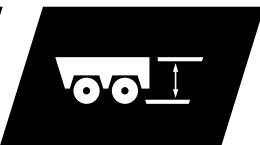
ARCUS



OPTIMUM  
STEERING



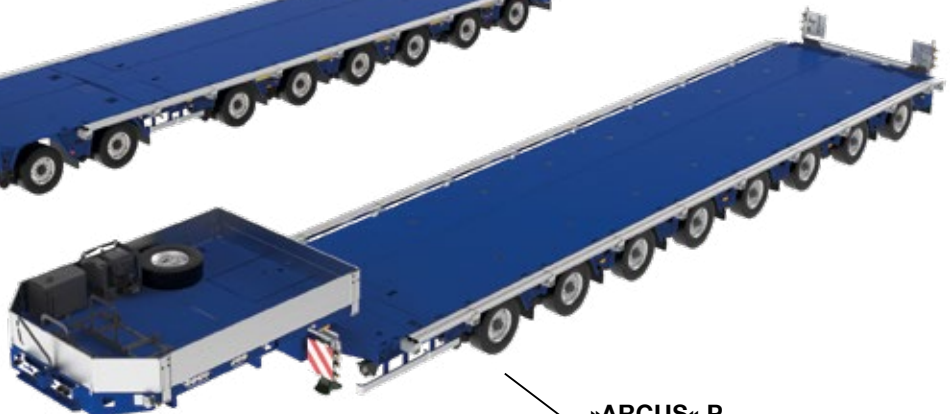
SIMPLE  
OPERATION



EXTREMELY LOW  
LOADING HEIGHT



»ARCUS« PK



»ARCUS« P



**YOUR BENEFITS**

- ✓ Combination of friction and forced steered pendular axles
- » Improved cornering characteristics and optimum adaptation of the steering to every extension stage
- ✓ Standard equipment with Goldhofer »SmartControl«
- » Highest possible user-friendliness
- ✓ Extremely low loading height of just 790 mm
- » Transportation of high loads







**TECHNICAL FEATURES**

- + Axle load  
*(depending on country-related regulations)*
  - 12 t at 80 km/h
  - 14 t at 25 km/h
- + Loading height: 790 mm
- + Axle stroke: 600 mm
- + Tires: 245/70 R 17,5
- + Axle spacing: 1,510 mm

**COMBINATIONS**

The »ARCUS« family can be flexibly adapted to any transport situation due to a wide range of possible combinations and extensive accessories.

Gooseneck	Front bogie (only »ARCUS« PK)	Extension stages	Rear bogie
			
<ul style="list-style-type: none"> <li>+ Fifth wheel load »ARCUS« P 20-35 t »ARCUS« PK 26-35 t</li> <li>+ Swing clearance radius 2,100-2,800 mm</li> <li>+ Fixed/hydraulic</li> <li>+ Center beam, Outside position beams</li> </ul>	<ul style="list-style-type: none"> <li>+ Number of axles 2-3</li> <li>+ Maximum steering angle 65°</li> </ul>	<ul style="list-style-type: none"> <li>+ Fixed, 1 or 2</li> </ul>	<ul style="list-style-type: none"> <li>+ Vehicle width: »ARCUS« P 2,550 mm/2,750 mm/3,000 mm »ARCUS« PK 2,750 mm/3,000 mm</li> <li>+ Width excavator trough* 640 mm/840 mm/1,090 mm</li> <li>+ Number of axles »ARCUS« P 3-8 »ARCUS« PK 4-8</li> <li>+ Maximum steering angle 60°</li> </ul>

\*Depending on vehicle width



**»ARCUS« PK UNBEATABLE ECONOMIC EFFICIENCY**

The »ARCUS« PK enables driving empty without a co-driver. Loading the front bogie onto the loading platform of the rear bogie functions without additional personnel or auxiliary aids.



# »ARCUS« P | »ARCUS« PK

## ACCESSORIES AND OPTIONS

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### GENERAL ACCESSORIES

- + Knorr "TIM"
- + »SmartControl«
- + Wide load marker boards
- + Storage boxes under the loading platform
- + Working lights
- + Lift axle

### GOOSENECK

- + Spare wheel carrier
- + High front wall, can be combined with tarpaulin superstructures
- + Sidewalls
- + Premium tool box
- + Loading ramp
- + Cable winch
- + Stowage aids for accessories
- + Electrohydraulic or dieselhydraulic power pack

### LOADING PLATFORM

- + Long material trestle, stake pocket strip
- + Outriggers
- + Threaded bushes
- + Load-securing trestle
- + Excavator trough
- + Sliding table

### REAR

- + Various rear designs, suspension rail
  - + Hydraulic ramp sideshift
  - + Climbing pads
  - + Mechanical/hydraulic landing legs
  - + Detachable ramps
  - + Ramps in a variety of widths, lengths and flooring options
-

## »ARCUS« P | »ARCUS« PK TECHNICAL DATA



### TECHNICAL DATA

	»ARCUS« P	»ARCUS« PK	
Axle load <i>(depending on country-related regulations)</i> <i>(technical)</i>	12 t at 80 km/h 14 t at 25 km/h	12 t at 80 km/h 14 t at 25 km/h	
Fifth wheel load	20-35 t	26-35 t	
Loading height	790 mm	790 mm	
Axle stroke	600 mm	600 mm	
Tires	245/70 R 17,5	245/70 R 17,5	
Vehicle width	2,550 mm/2,750 mm/3,000 mm	2,750 mm/3,000 mm	
Axle spacing	1,510 mm	1,510 mm	
Maximum steering angle	60°	Front bogie Rear bogie	65° 60°
Width excavator trough*	640 mm/840 mm/1,090 mm	840 mm/1,090 mm	
Axle configuration	3-8	Front bogie Rear bogie	2-3 4-8
Surface refinement	Durability ensured with high-quality finish with zinc-dust base coat		

\*Depending on vehicle width



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