999237002 - 05/2016
en-GB

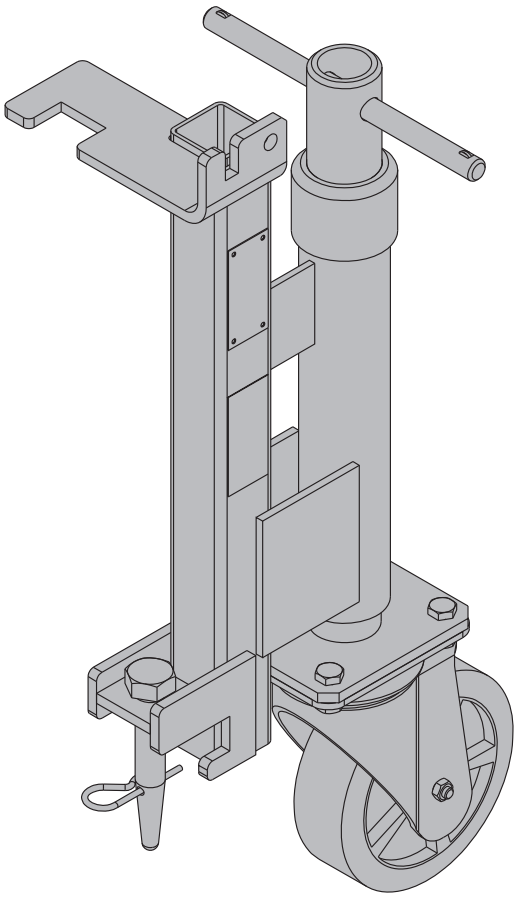
The Formwork Experts.

Shifting wheel KS

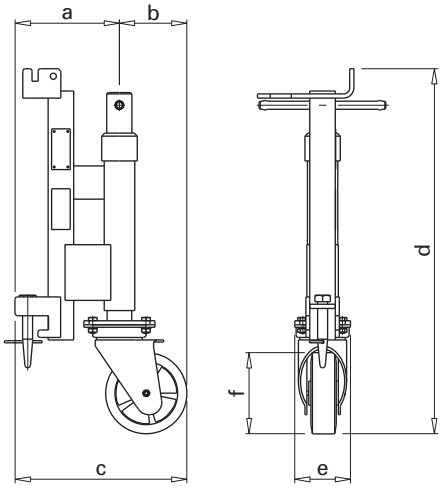
Art. n°: 580358000 | 2001 models onward

Original Operating Instructions

Please retain for future reference



Basic drawings of product



a ... 206 mm
b ... 133 mm
c ... 339 mm
d ... 720 mm
e ... 110 mm
f ... ø160 mm

Data on rating plate

Designation: Shifting wheel KS
Art. n°: 580358000
Dead weight: 15.8 kg (34.8 lbs)
Max. load-bearing capacity: 300 kg (660 lbs)
Year of manufacture: see rating plate

CE

Intended use

The Shifting wheel KS may only be used for horizontal repositioning (i.e. "wheeling") of Doka column formworks KS of up to 3.60 m in height. 4 Shifting wheels KS are needed for repositioning one Column formwork KS.

Max. load-bearing capacity: 300 kg / shifting wheel

Important note:

- It is forbidden to use the product for anything but its designated purpose!
- It is forbidden to lift other manufacturers' formwork with it.

Maintenance & inspection

- Repairs may only be carried out by the manufacturer!
- Doka accepts no liability for products that have been altered!

Before every use

➤ Check for any signs of damage or visible deformation.

Lifting accessories that do not meet the following criteria must be withdrawn from use immediately:

- Crack-free and notch-free welds.
- No deformation.
- Rating plate must be in place and clearly legible

At regular intervals

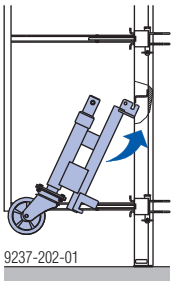
- Inspection of lifting accessories must be performed at regular intervals by an **expert** in conformity with **national statutory provisions**.
  Unless otherwise stipulated, such inspection must be carried out **at least once a year**.

Storage

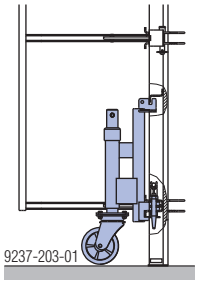
- Store lifting accessories in a dry and well ventilated place, protected from the weather and from all corrosive substances.

Mounting the Shifting wheels KS

➤ Dismount the Connecting pin 10cm .
➤ Slot the top of the Shifting wheel KS unit into the cross-profile and frame tube, and pivot the whole unit into position.



➤ Use the Connecting pin 10cm to fix the Shifting wheel KS in the bottom location fixture, and secure it with a spring cotter.



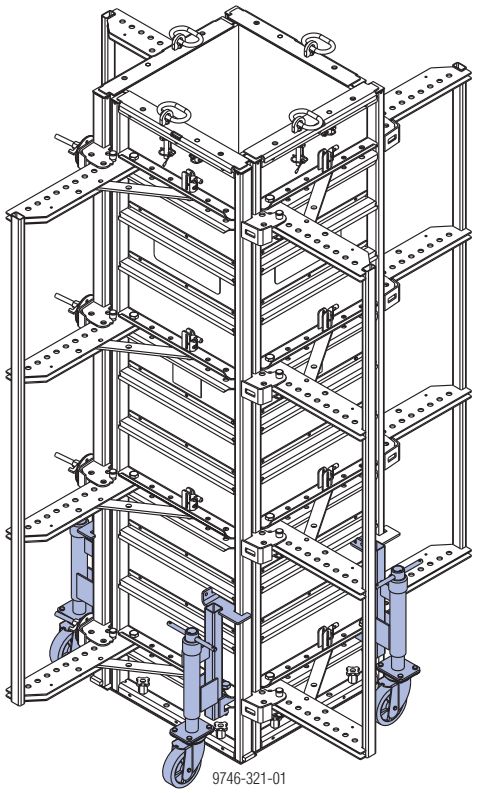
Horizontal repositioning

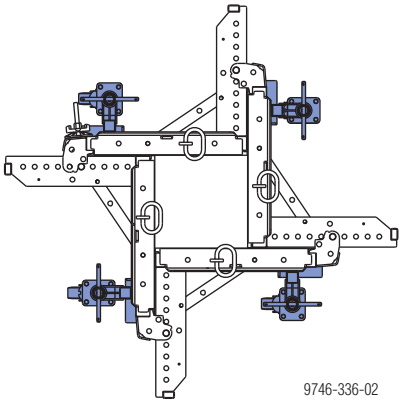
Wheeling

The Shifting wheel KS makes it possible for Column formworks KS Xlife of **up to 3.60 m in height** to be horizontally travelled.
It can be clamped to 2.70 m and 3.30 m high panels.
4 Shifting wheels KS are needed for repositioning 1 Column formwork KS Xlife.

The following points MUST be observed – otherwise you risk the formwork tipping over

- Do not attempt to wheel any Column formwork KS higher than 3.60 m.
- Only wheel the column formwork when it is CLOSED – fix it in the closed position with a Locking hook KS.
- The floor must be stable, firm and sufficiently smooth (e.g. concrete).
- Max. speed 4 km/h (walking pace)
- Either bridge any openings in the floor with sufficiently strong planking/boards secured so that they cannot slip away to either side, or close off openings with sufficiently strong side railings!
- Keep the travel route clean and free of any obstacles.
- It is forbidden to wheel the column formwork when the wind-speed is higher than 45 km/h (over 0.1 kN/m² impact pressure to DIN 4420).
- It is forbidden to use any mechanical assistance during the wheeling operation!
- "Passenger transportation" is forbidden.
- In the "parked" position, always lower the Column formwork KS using the spindles.





➤ Using the spindles, raise the Column formwork KS Xlife around 2 cm off the ground.

➤ When wheeling the formwork, always have 2 people pushing (1 on either side).

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EC Declaration of Conformity
pursuant to EC Directive 2006/42/EC.

The manufacturer declares that by reason of its conception and design, the following product

Shifting wheel KS, art. n° 580358000

conforms – in the version marketed by ourselves – to the pertinent fundamental health and safety stipulations of the relevant EC Directives.

The following harmonised standards were applied:

- EN ISO 12100:2010
- EN 349:1993+A1:2008

Person authorised to compile technical documentation (pursuant to European Directive on Machinery Annex II):

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