

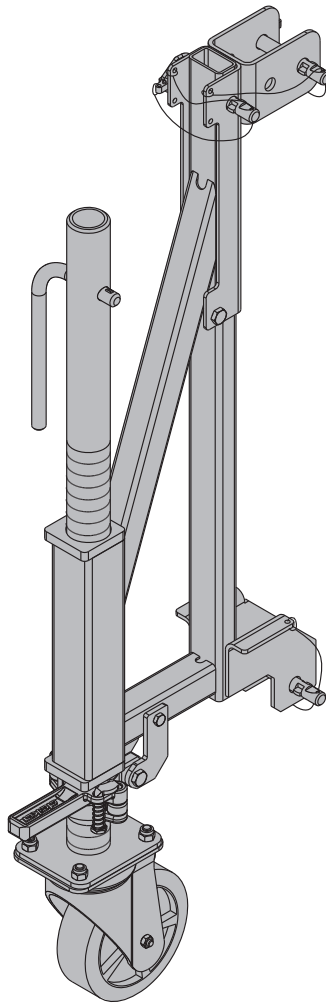
The Formwork Experts.

Staxo 40 shifting wheel

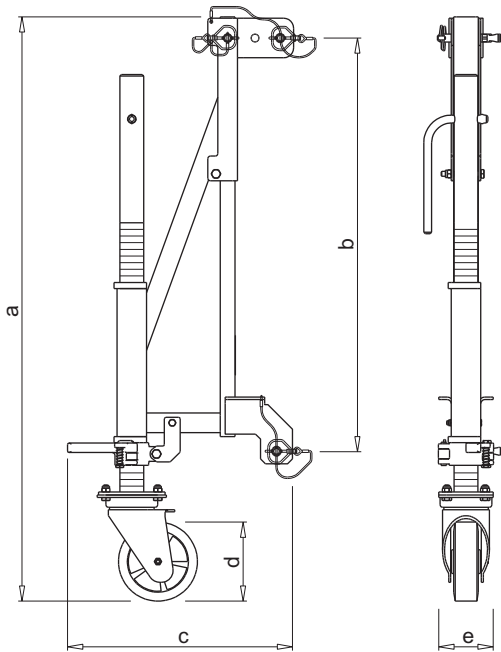
Art. n°: 582218000 | 2010 models onward

Original Operating Instructions

Please retain for future reference



Basic drawings of product



- a ... min. 1158 mm - max. 1478 mm (adjusting range: max. 320 mm)
 b ... 574 mm / 837 mm
 c ... 456 mm
 d ... 160 mm
 e ... 110 mm

Data on rating plate

Designation: Staxo 40 shifting wheel
 Art.n°: 582218000
 Dead weight: 21,7 kg
 Max. load: 500 kg
 Year of manufacture: see rating plate



Intended use

The Staxo 40 shifting wheel is classified as a lifting appliance. It may be used for horizontal repositioning of Doka load-bearing towers Staxo 40, either with or without formwork (intended use).

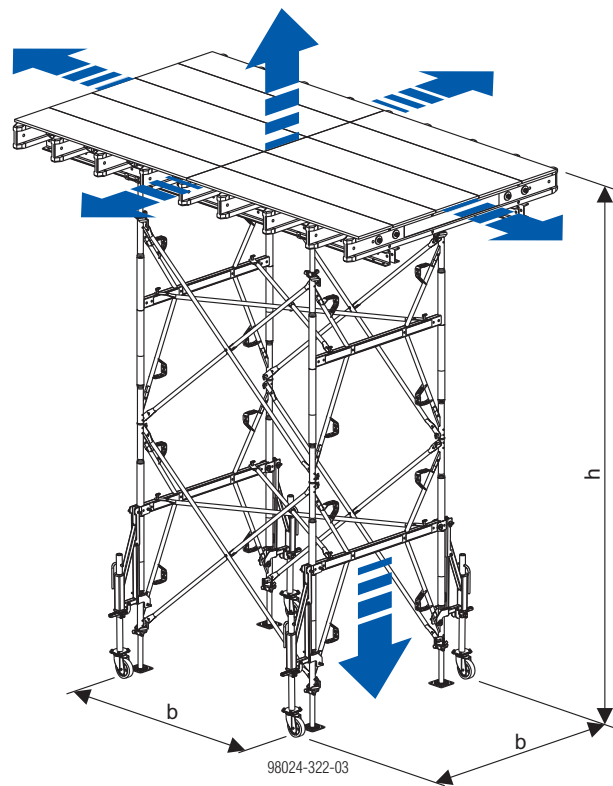


NOTICE

- Other use or use not in conformity with that stated above is non-intended use and requires the prior written approval of the Doka company!
- It is forbidden to lift other manufacturers' load-bearing towers with it.

With it, the following functions can be carried out:

- Lifting
- Wheeling
- Lining-and-levelling
- Lowering



Permissible total weight of each unit for repositioning:
 1000 kg (max. 4 Staxo 40 shifting wheels per unit)



NOTICE

When repositioning load-bearing towers that include standard superstructures, remember:
 Ratio $b:h = \max. 1:3$, with 'b' being the narrowest side.
 Custom constructions must be statically verified!

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Lifting accessories that do not meet the following criteria must be withdrawn from use immediately:

- No deformation.
- No cracks or notches.
- No damage due to the influence of heat.
- 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.

Preconditions for use:



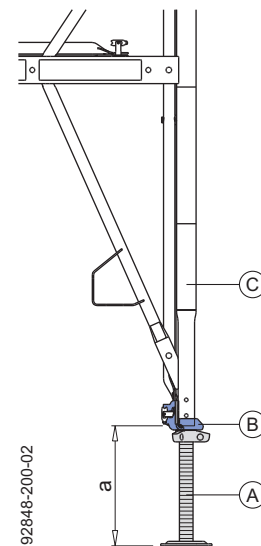
NOTICE

- There must be a flat, firm (e.g. concrete), adequately dimensioned floor that is capable of supporting the load.
- Max. permitted inclination of trackway: 2%
The permissible inclination of the trackway must be determined by statical calculation (risk of overturning, rolling forces).
- 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 only permitted to travel Doka load-bearing towers that have been braced in accordance with the assembly plans and erection rules given in the User Information booklet.

Fixing to the load-bearing tower

Preparations on the load-bearing tower

- ▶ In cases where the screw-jack feet are extended a long way, reduce the extension length of the screw-jack feet to dimension 'a'.
- ▶ Use the anti-dropout locks to fix the screw-jack feet to the frames.



a ... max. 40 cm

A Staxo 40 screw jack foot

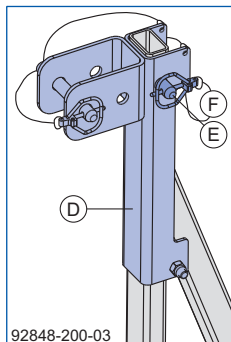
B Staxo 40 anti-dropout lock

C Basic frame Staxo 40

Preparations on the shifting-wheels

Adjust the shifting-wheels to the Staxo 40 frames of the bottom "storey" of the tower:

- Fix the adjusting bracket in the required position using a D16/125 bolt, and secure this with a linch pin.



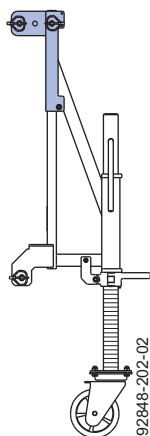
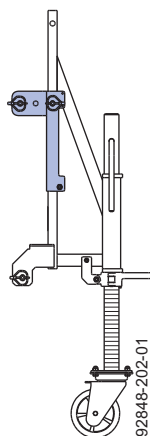
D Adjusting bracket

E D16/125 bolt

F Linch pin

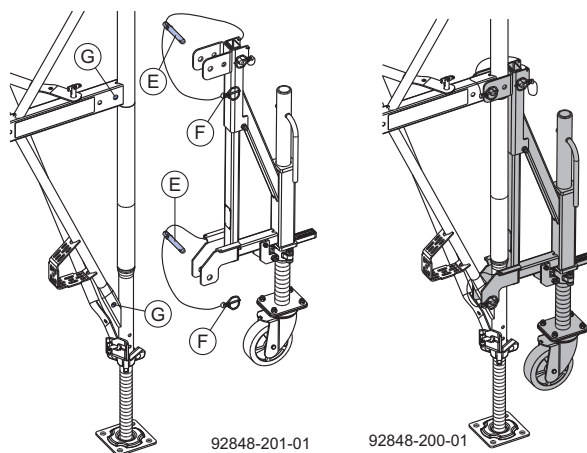
Position of the adjusting bracket for:

- 0.90m frames
- 1.20m frames
- upside-down 1.80m frames
- 1.80m frames



Mounting the shifting-wheels to the load-bearing tower

- Bolt the shifting-wheel onto the Staxo 40 frame (in the direction of the frames) with two D16/125 bolts, and secure each of these with a linch pin.



E D16/125 bolt

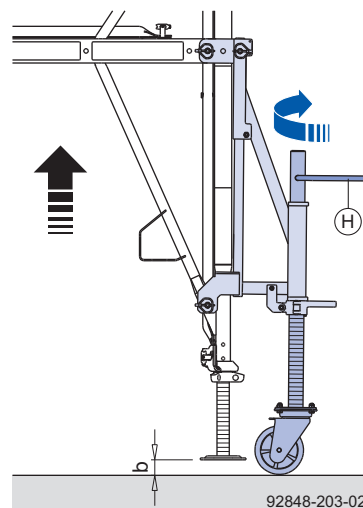
F Linch pin

G Fixing positions in the Staxo 40 frame

Wheeling

Raising the load-bearing tower

- Use the screwjack mechanism on the shifting-wheel to raise the load-bearing tower max. 5 cm off the ground.



b ... max. 5 cm

H Handle of the shifting-wheel screwjack mechanism



Quick lowering of the swivel castor:

- 1) Open the split nut of the shifting-wheel by releasing its integrated quick-locking device.
The screwjack mechanism plus swivel castor are now lowered to the ground.
- 2) Close the split nut again and fix it with the quick-locking device.

Wheeling the load-bearing tower



NOTICE

- Particular care is needed with:
 - height offsets
 - steps
 - floor holes and wall openings
 - strong wind
- It is forbidden for any third persons to linger in the immediate danger zone!
- Exercise caution regarding the risk of overturning (particularly in strong wind).
- It is forbidden to use any mechanical assistance during the wheeling operation!
- Take care to start moving gently, and to exert a constant, uniform pull.
- Max. speed 4 km/h (walking pace)
- Special care is needed when travelling across shoulders in the ground (no sharp-edged shoulders, max. shoulder-height 15 mm).
- For longer breaks between operations, or when the the load-bearing tower is permanently parked, take the load off the shifting-wheels (by lowering the tower to the ground).



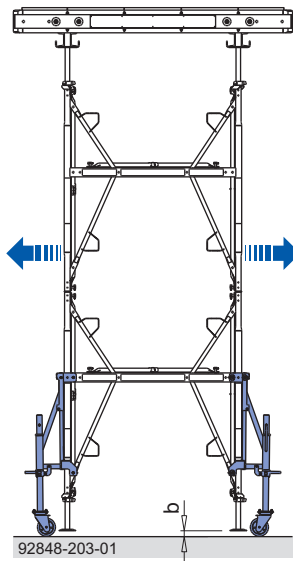
WARNING

- ▶ "Passenger transportation" is forbidden!
- ▶ Before the repositioning operation, remove any loose items (e.g. fitting-boards) from the load-bearing tower and formwork.



WARNING

- Risk of overturning!
- ▶ The load-bearing tower may only be raised by max. 5 cm in order to be travelled.



b ... max. 5 cm

Crane-lifting of load-bearing towers with shifting-wheels mounted to them



Follow the directions for resetting by crane (slinging points etc.) in the "Staxo load-bearing tower 40" User Information booklet.

- ▶ Check that the shifting-wheels are properly fixed to the load-bearing tower.



Check to make sure that all the bolts are secured by linch pins.

Lowering the load-bearing tower






NOTICE

The split nut must not be opened when loaded!

- ▶ First lower the load-bearing tower onto the ground by turning the screwjack mechanism in the shifting-wheel.

Declaration of conformity

 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 <p style="text-align: center;">Staxo 40 shifting wheel, Art. n° 582218000</p> 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: <ul style="list-style-type: none"> ▪ EN ISO 12100:2010 ▪ EN 349:1993+A1:2008 	
Person authorised to compile technical documentation (pursuant to European Directive on Machinery Annex II): Dipl.-Ing. Ludwig Pekarek Josef Umdasch Platz 1 A-3300 Amstetten	
Amstetten, 07/08/2018	Doka GmbH Josef Umdasch Platz 1 A-3300 Amstetten
 Dipl.-Ing. Ludwig Pekarek Executive Manager	 Dipl.-Ing. Peter Reisinger Authorised Officer, Head of Engineering