

BSB

machines and vehicles

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Operating instruction Pile driver PR 4 / PR 10 - PRK 4 / PRK 10

Please read attentive the operation instruction before starting the pile drivers!

Attention

Use ear protection!

Use safty shoes!

Do not use against human and animals, ducts, cables

Before using the pile drivers you have to control, that there are no lines, pipelines, and ducts in the surface or in the depth of the drive in area!

Don't throw the pile drivers!

Don't use the pile drivers without permanent lubrication!

The air connection has allways to be clean!

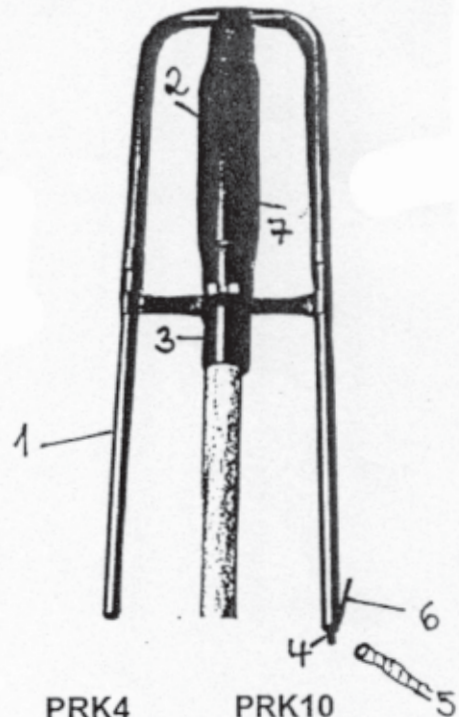
Use only clean air!

Before using the pile drivers you have to control the driving area about cables and ducts!

Don't use the pile drivers in areas of cables and ducts!

Construction

- 1 Hold device (handle)
- 2 Piston box of impact mechanism
- 3 Guide sleeve
- 4 Air connection
- 5 Air hose
- 6 Starting grip
- 7 Screws



| Technical Data | PR4 | PR10 | PRK4 | PRK10 |
|---|-----------|-----------|-----------|-----------|
| weight depending on guide sleeves | ca.8 kg | ca.10 kg | ca.13,5kg | ca.14,8kg |
| air pressure | 7-8 bar | 7-8 bar | 7-8 bar | 7-8 bar |
| air volume | 450 liter | 600 liter | 450 liter | 600 liter |
| O max. of posts depending on character of soil | 60 mm | 100 mm | 70 mm | 100 mm |

sound pressure level SLP in 10 m distance from the post is 85 – 107 dB depending on the guide sleeves and posts. EN 996 appendix F.

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Attention – Account

Working with pneumatic pile drivers only by authorized personnell

Use only ecologically desirable lubrication!

Don't stay in the drive in area – keep away of the dangerous area!

1. Blow out the air hose before connecting the pile driver!
2. Pile drivers must be continuously lubricated with lubricant (ecologically desirable) for pneumatic devices. Use a hose oiler!
3. Do not use more than 8 bar air pressure to operate!
4. Servicing regularly with normal pneumatic products (ecologically oil).
5. Use only undamaged hoses!
6. Use only clean air within ecologically lubricant!
7. Use only well fitting sleeves (3)!
8. The surface of the posts and piles must be plane.
9. To store the pile driver you have to clean and lubricant it and place it with the sleeve down in a dry and clean room.

Working Method

- Put the pile driver (guide sleeve) on the top of the sloping post
- Set upright the post within the pile driver
- Fix the post in the vertical
- Push the starting grip (6) to start the impact mechanism
- The pile driver drives in the post
- Stop driving by take off the grip (6)
- After drive in the post the pile driver is removed from the top of the post
- Changing the guide sleeve 3 by opening the screws 7. The screws must be fixed with loctite 577

The machine code is a document, it is not allowed to change this code.

Use only original parts and spare parts

The whole warranty is ending by using parts and spare parts of other producers.