



P22014

SLIPFORM JACK TYPE 604-BU-02

Web version manual

For complete version
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1. **BRIEF SPECIFICATION**

1.1.	Lifting capacity	6 tons
1.2.	Lifting stroke	25 mm
1.3.	Piston area	62,6 sq.cm.
1.4.	Swept volume	0,157 litres
1.5.	Working hydraulic pressure	100 bar
1.6.	To be operated with Bygging-Uddemann pump type:	HP. 8.3.200, HP 20.200 or similar
1.7.	Jack tube or Jack rod	33,7 mm dia x 4,05/4,25 cold rolled 32,0 mm drawn axle

2. **APPLICATION**

- 2.1. **Lifting of slipforms.**
Lifting of temporary or permanent structures in combination with slipforms (e.g. roof steelwork).
- 2.2. **Connection of jack to the slipform.**
The jack is connected to the slipform yoke through a tubular jack holder connected to the Fixed blocking head assembly (02-GR08) of the jack.



3 PRINCIPLE COMPONENTS

- 2.2. **Level control guide (08-0004)**
- 2.3. **Cylinder assembly (02-JC06)**
- 2.4. **Fixed blocking head assembly (02-GR08)**
- 2.5. **Jack case assembly (02-JR18)**

3. DESCRIPTION

The jack is a single-acting climber.

- 3.1. **Level control guide (08-0004)**
Arrests climb of jack at 500 mm intervals or at any pre-set level. (See chapter 10)
- 3.2. **Cylinder assembly (02-JC06)**
The pressure chamber of the jack comprises Cylinder (02-0098), Wiper (14-0095), Piston, Piston rod (02-3845), Piston rod seal (14-0062) and Piston seal (14-0061).
- 3.3. **Fixed blocking head assembly (02-GR08)**
Comprises Blocking head body, fixed (02-0114), Bottom ring (02-0124), Pin ring (02-0125) with six Nos Jack tooth segments (02-0112) and six Nos spring for jack tooth (07-0122).
- 3.4. **Jack case assembly (02-JR18)**
Comprises Jack case (02-3945), movable Blocking head assembly (02-GR09), Connection (02-3946), Stop ring (02-0064) and Return spring (07-0071).



- 3.4.1. The movable Blocking head assembly (02-GR09) comprises Blocking head, movable (02-0110), Pin ring (02-0125), six Nos Jack tooth segments (02-0112) and six Nos spring for jack tooth (07-0122), Spring guide (02-3947) and Spacer (02-3948).

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