



P-22017

SLIPFORM JACK TYPE R72

Web version manual

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1. SLIPFORM EQUIPMENT

Specification	Jack R72
Lifting capacity, kN (m.tons)	220 (22)
Working pressure, Mpa (kg/cm ²)	10 (110)
Stroke, mm	27
Jack rod, dia mm	70-72
connection, BSP male	1/2"
Size: height, mm	440
width, mm	230 x 230
Net weight, basic set, kg	84

Description	Article No
Basic set	01-JR41
1 No Slipform Jack only	R72 01-JR40
1 No Levelling Control	R72 08-0186
1 No Stop Ring	R72 08-0187
1 No Adjustable Shaft	R72 08-0190
1 No Ball Valve	1/2"-601 21-CH10
1 No Ball Joint	3*R72 02-0166
1 No Support Plate	2*R72 02-0165



2. GENERAL DESCRIPTION OF THE JACK

The jack type R72 is like the standard slipform jacks type 601 (3 tons lifting capacity) and type 604 (6 tons lifting capacity) of hydraulic type with mainly the same function and stroke (lifting step) as these. In the first place it is meant for use at slipform operations where at the same time very heavy and in the final building permanently integrating construction elements (i.e. roof- or other framework structures) are to be lifted and supported. Moreover it is also used at such slipform operations where the slipforms require bearing help structures of such a size and weight that the minor standard jacks type 601 and 604 cannot practically give enough lifting force. The jack type R72 is consequently designed for a lifting capacity of nominally 22 tons and can be used together with the jacks type 601 and/or type 604.

The jack data:

Hydraulically acting climbing jack.

Normal working load: 22.000 kgs at a hydraulic pressure of 100 kg/cm². A

100 % overload can be allowed when the circumstances in other respects so admit.

Stroke: 27 mm.

Jack rod diameter: Max dia 72 mm, min dia 70 mm.

Jack tube: dia 71 x 56 mm. Standard. Quality required ST52.

Joined jack rods shall always have the same diameter.

The jack comprises the following main components:

4 pcs hydraulic cylinder with pistons, spring returned

2 pcs grip jaw heads with grip jaws

1 pc support plate with ball- and socket joint

The hydraulic cylinder (02-JC01) house each a piston rod (02-0179) with the piston (02-0178), U-type gasket (14-0177) and spring (07-0071). On the cylinders there are connections for a firm oil tube (02-0001) between the cylinders.

The grip jaw heads (02-0170) house each a set of eight grip jaws (02-0169) being held in position by the springs (07-0067) resting against the guiding washer (02-0172) and by the aligning pins (02-0013) and springs (07-0171) between the separate grip jaws. The grip jaw heads are fastened to the cylinders respectively the pistons by the bolts (09-0001). The load is transferred onto the top grip jaw head via the support plate (02-0165) and ball-and-socket joint (02-0166).



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