



## **SLIPFORM JACK TYPE T3-100**

***Web version manual***

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## **1. BRIEF SPECIFICATION**

<b>1.1</b>	<b>Lifting capacity</b>	<b>30 kN (3 tons)</b>
<b>1.2</b>	<b>Length of stroke</b>	<b>25 mm</b>
<b>1.3</b>	<b>Piston area</b>	<b>31,6 cm<sup>2</sup></b>
<b>1.4</b>	<b>Swept volume</b>	<b>0,08 litres</b>
<b>1.5</b>	<b>Working pressure</b>	<b>100 bar</b>
<b>1.6</b>	<b>To be operated with pump type</b>	<b>HP.20.200</b>
<b>1.7</b>	<b>Climb tube</b>	<b>Dia 26,9 mm</b>

## **2. MAIN COMPONENTS**

<b>2.1</b>	<b>Cylinder Assembly</b>	<b>(02-JC05)</b>
<b>2.2</b>	<b>Jack casing</b>	<b>(02-JR05)</b>
<b>2.3</b>	<b>Fixed Blocking head</b>	<b>(02-0039)</b>
<b>2.4</b>	<b>Movable Blocking head</b>	<b>(02-0038)</b>



### **3. DESCRIPTION OF FUNCTION**

**3.1 The cylinder (02-JC05) is single-acting (spring return) and contains the piston (02-0045) with U-type seal (14-0035).**

**3.2 The jack casing (02-JR05) encloses the movable blocking head (02-0038) and the return spring (07-0042).**

**3.3 Fixed blocking head (02-0039) encloses one set of 6 Nos toothed jaw segments (02-0199) and springs (07-0041).**

**3.4 Movable blocking head (02-0038) encloses an identical set of jack teeth as the fixed one, and is locked in the jack case with the lock nut (02-0037).**

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