



P-22064

LOAD EQUALIZER WITH SLIDING CHAIR EQ-400

Web version manual

For complete version
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1. **BRIEF SPECIFICATION**

SWL pressure	285 bar at 400 ton
Stroke	300 mm
Piston area	1414 cm ² plus side
Volume	42,5 litres plus side
Weight	1163 kg

2. **MAIN COMPONENTS**

The load equalizer consists of two single acting cylinders connected with the seat for EQ and ball joint. The assembled EQ is placed on top of the lift climber.

2.1 **Cylinder (11-JC85)**

2.2 **Seat for EQ (11-0871)**

2.3 **Ball joint (11-0872)**

3. **DESCRIPTION OF FUNCTION**

The load equalizer is to be used at lowering operation of stiff objects such as steel tanks when equalizing is needed because of the differences in the switch operation and lowering stroke in the lift climber.

The function is to protect the lift climber from loads exceeding the load capacity.

The principle of load equalizing is that the load equalizers are divided in three or four groups. All load equalizers in the group are connected to each other.

Each group is connected to the special valve panel for 3- or 4-point suspension configuration. The individual pressure gauge in the panel will tell you in real time that the system is in OK-mode.



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