



P-22060

HYDRAULIC CLIMBER 2510-50-UD

Web version manual

For complete version
contact Bygging-Uddemann:
info@bygging-uddemann.se



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1. **BRIEF SPECIFICATION**

1.1 **Lifting/lowering capacity:**

Climb-rod jointed by screw dowels	Max 18 ton
Climb-rod jointed by welds	Max 25 ton

1.2 **Length of stroke:**

	100 mm
Effective climbing length at lifting	95 mm each stroke
Effective climbing length at lowering	80 mm each stroke

1.3 **Piston area:**

At cylinder pressure side (plus side)	157 cm ²
At cylinder return side (minus side)	100 cm ²

1.4 **Cylinder volume:**

At cylinder pressure side (plus side)	1,5 litres
At cylinder return side (minus side)	1,0 litres

1.5 **Static hydraulic pressure at plus side:**

At a load of 18 ton	115 bar
At a load of 25 ton	160 bar

1.6 **The climber to be connected to pump:**

HP 2.17.160
HP 2.32.160
HP 2.55.160

See manual for respective pump.

1.7 **Climb rod: 50 x 50 mm**

At screw-dowel joints E335
At welded joints S355JR
Tolerances: See manual 50-0007



2. APPLICATION FIELD OF THE CLIMBER

2.1 Lifting and lowering of heavy loads.

2.2 Horizontal movement of heavy loads.

2.3 The climber can lift or lower a load, which is hanging in a climb-rod. The climber can also climb up stationarily anchored climb-rod and lift or lower a load, which is applied to the climber.

3. MAIN COMPONENTS OF THE CLIMBER

3.1 Branch pipes (11-0016).

3.2 Two parallel double-acting hydraulic cylinders (11-JC45) with pistons (11-0478).

3.3 Movable grip-jaw head (11-GR19) fixed to the pistons (11-0478).

3.4 Firm grip-jaw head (11-GR19) fixed to the cylinder bottoms (11-JC45).

3.5 Grip-jaws (11-3801).

3.6 Switch Mechanism (11-0030)

3.7 Top-Bottom plate (11-0586).

3.8 Catches (11-0522) with operating shafts (11-0447).

3.9 Springs (07-0308).



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