

HYDRAULIC DOOR OPENER

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HOLMATRO HDR 50 ST HYDRAULIC DOOR OPENER

Description

Door opener designed for use on inward opening doors with multiple locking devices. Consists of a spreading cylinder to fix the door opener between the door posts and a pushing cylinder to push the door open. Various accessories with quick-lock connection system are available for optimal grip on different types of door frames. To switch between operation of the spreading cylinder and pushing cylinder you simply pull over a handle on the hand pump.



Features

- Low visibility
- Quiet operation with hand pump
- High spreading and pushing forces
- Low ready for use weight
- Adaptable to every door width
- Spreading jack manually extendible in 4 positions over 200 mm
- Hydraulically extendible with another 125 mm
- Can also be used with extension piece of 275 mm
- Quick installation and operation



Technical Specifications

- Max. working pressure - 720 bar/10,443 psi
- Capacity (spreading jack) - 47 kN/10,566 lbf
- Capacity (pushing jack) - 51 kN/11,465 lbf
- Return of plunger (spreading jack) - spring return
- Return of plunger (pushing jack) - gravity return
- Hydraulic system - 2 x single hose / single acting
- Min. length incl. grip heads (spreading jack) - 720 mm/28.3 in
- Mechanically extendible in 4 steps of 50 mm
(spreading jack) - 50 / 100 / 150 / 200 mm/1.9 / 3.9 / 5.9 / 7.9 in
- Stroke spreading cylinder - 125 mm/4.9 in
- Max. length excl. extension piece (spreading jack) - 1045 mm/41.1 in
- Length extension piece (spreading jack) - 275 mm/10.8 in
- Max. length incl. extension piece (spreading jack) - 1320 mm/52.0 in
- Stroke pushing cylinder - 300 mm/11.8 in
- Weight, ready for use - 14.7 kg/32.4 lb
- Weight, incl. case - 18.2 kg/40.1 lb
- Required oil content - 295 cc/10.0 oz
- Temperature range - -20°C - + 55°C/-4°F to 131°F



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