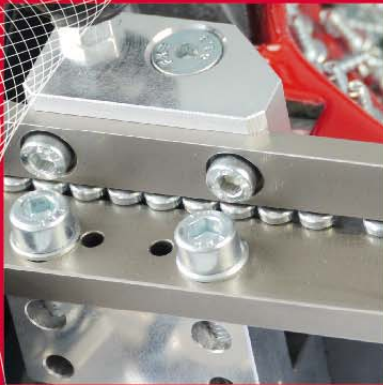


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Pistol-grip screwdriver PHS16

Overview

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- Compact design for difficult to access screwdriving positions, eg
 - Window construction
 - Sheet metal panelling
 - Assembly of washing machines, refrigerators etc.
- Work direction: horizontal
- Type of drive: pneumatic or electric
- Tightening screws, meeting exact depth or torque values

The PHS can be easily positioned due to the standard use of a cartridge. Thus, the feed head will be retracted automatically. Optionally, the PHS can also be operated without cartridge.

Optionally available:

- Suspension bracket with adjusting bar
- Depth stopper
- Cylinder switch for depth control
- Pneumatic depth control switch



How the system works

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The screw is fed into the PHS. When the screw has reached its position it is firmly protruding from the nose piece. Thus it is held in position and can't be pushed back into the nose piece.

The operator positions the PHS with the firmly protruding screw exactly above the desired screw location.



The operator presses the PHS onto the screw location and pushes the release button.

The screw is inserted and tightened.

The drive stops upon reaching the required depth or torque. The next screw is singled and the pressure taken off the cylinder.



The operator pulls the PHS back. The next screw is immediately blown into position.

As soon as the next screw is positioned in the nose piece the screw head is automatically retracted. Again the screw is protruding firmly from the nose piece. The cycle is completed.



Technical Data

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Possible control functions:

Electronic/pneumatic depth control
Hose sensor
IO Signal transmitter, eg. from the drive controller,
upon reaching the set torque or from a depth sensor

Feed bore:

Screw head \varnothing max. 12mm
Head/Shaft ratio 1:1,5

Tool stroke:

60 mm

Weight:

approx. 1-1,5 kg, depending on the type of drive

Dimensions:

Length 300-400mm

Operation temperature:

- 10°C up to + 50°C

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