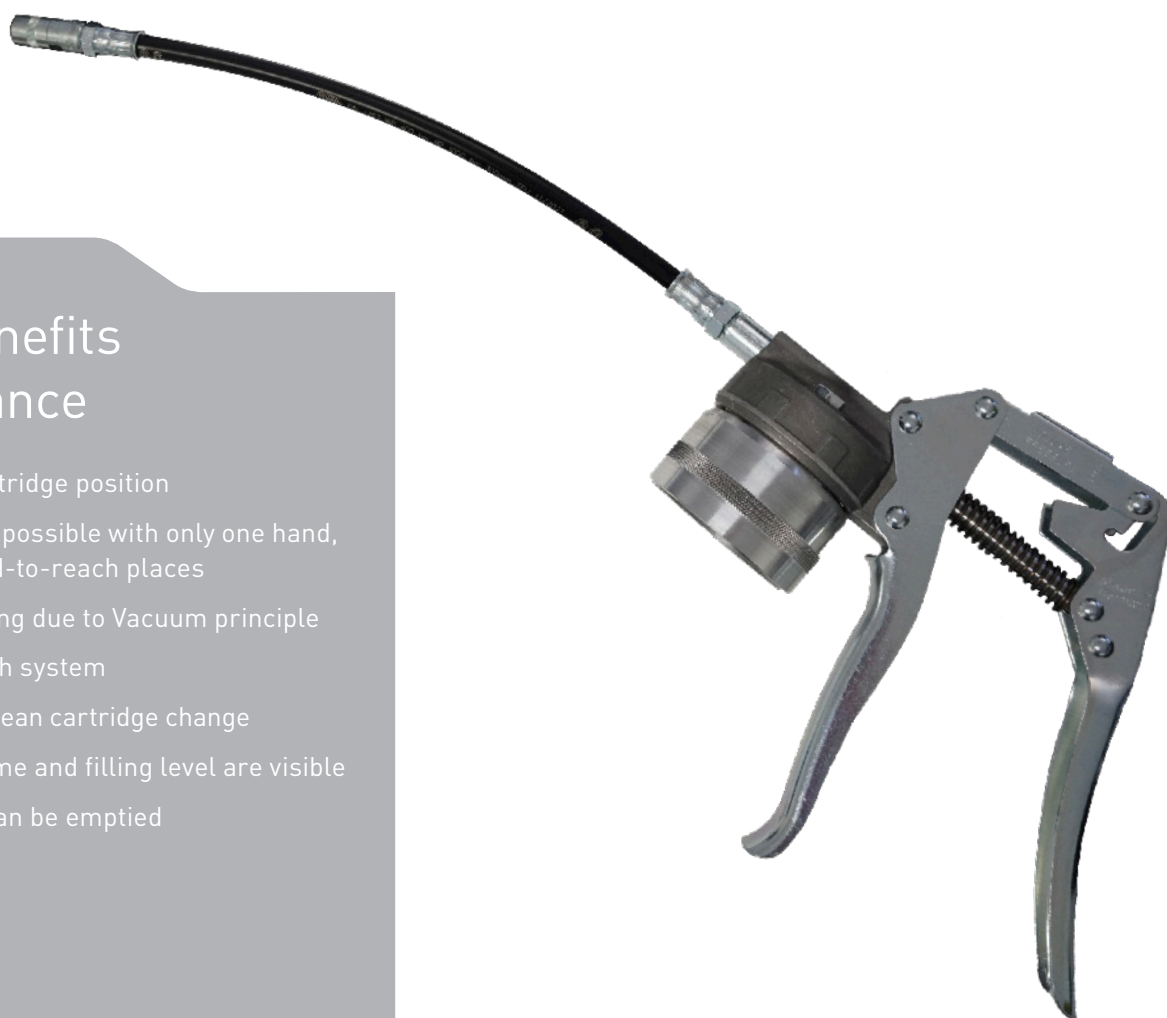


## VPS-One hand grease gun

For the clean processing of greases

### The benefits at a glance

- Vertical cartridge position
- Lubrication possible with only one hand, e.g. for hard-to-reach places
- Easy handling due to Vacuum principle
- Powerswitch system
- Quick and clean cartridge change
- Product name and filling level are visible
- Cartridge can be emptied



## The system



### VPS-One hand grease gun - Operation

Unscrew the cap - vent the cartridge. Some air may have remained in the thread area due to filling. Press lightly on the centre of the cartridge piston to deflate the cartridge until grease comes out.

Allow the grease that escapes during bleeding to drip into the high-pressure cylinder. This prepares the function of the non-return valve.

With the grease gun open, screw it carefully/hand-tight into the press head. Mount the armoured pipe\* on the press head. Then operate the press until grease comes out of the mouthpiece. The press is now ready for use.

The piston chamber of the grease gun is filled via the vacuum generated by the piston, not as conventionally via spring pressure. Therefore, the hand lever must not be opened jerkily. The opening must be carried out evenly, quickly and, if possible, completely with each stroke. Attention vacuum principle: In order to fill the piston chamber sufficiently with grease, a dwell time must be observed after actuation. This is variable and depends on the consistency/flowability (NLGI class) and the temperature of the grease. Depending on the filling quantity, resistance sets in sooner or later when the hand lever is pressed together.

### Economy

The development of a special piston shape ensures complete residual emptying of the cartridge

\*) Smallest permissible bending radius: 100 mm

## Special function

Grease gun with Powerswitch system.

With this function you can switch from high volume to high pressure grease delivery at any time on the handle and thus achieve an optimal result.

Setting to:	Volume	Pressure
Working pressure	ca. 200 bar	ca. 250 bar
Conveying capacity	ca. 1,1 cc/stroke	ca. 0,7 cc/stroke

### General instructions for use

- **Before greasing:** Ensure cleanliness of nipple and grip coupling
- **During greasing:** The grip coupling/tank hose must sit straight on the nipple. If the gripping coupling is held at an angle, the seal at the nipple is not guaranteed. Lubricate/check grease outlet
- **After greasing:** Do not pull the nozzle/grip coupling off the nipple, but bend it sideways. Defective, stiff nipples must be replaced in good time

### Technical data

- **Cartridge connection:** acme thread: 20 x 2,5

### Important security advice

The press is designed according to DIN 1283 for an operating pressure of 400 bar and calculated with a considerable safety margin. Due to the design, you need less force than with conventional grease guns.

### Accessories

Sliding coupling with 7-fold ball locking, for connection to the high-pressure hose. Secure hold on conical grease nipple according to DIN 71412 and SAE, no slipping of the coupling from the grease nipple.

Further accessories can be found in our [accessories brochure](#).

