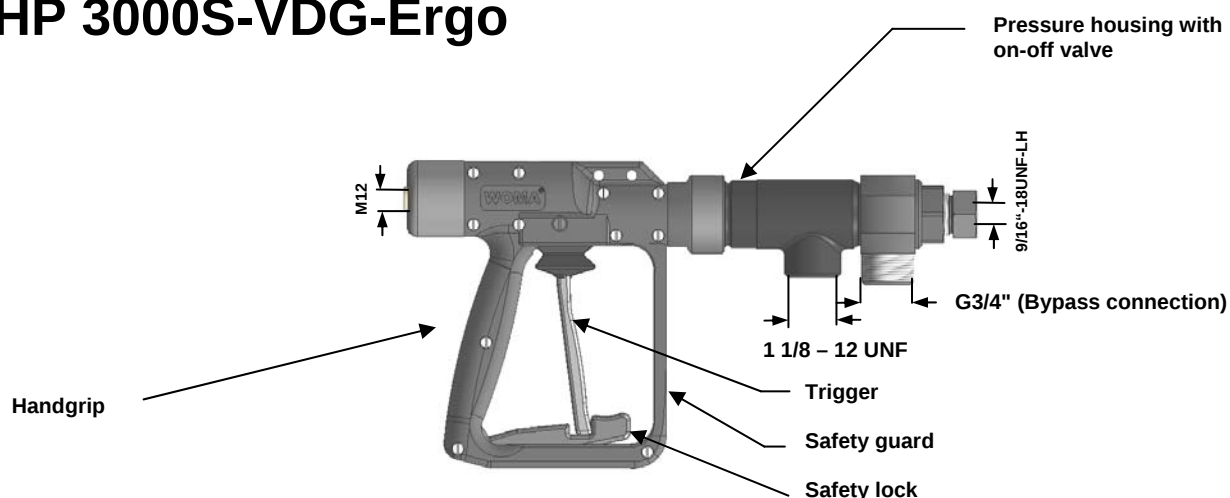


# High Pressure Gun

## HP 3000S-VDG-Ergo



### Description:

The HP 3000S-VDG-Ergo is a positive shutoff type high pressure jetting gun which incorporates an internal on / off valve and a bypass for a max. operating pressure of 3000 bar.

A patented power transfer mechanism prevents premature fatigue of the operator's hand and has a positive effect on the service life of the gun.

In non actuating trigger position, the flow medium will be lead through the bypass line and the high pressure aggregate becomes pressureless.

Standard equipment includes; a trigger safety guard and latching trigger lock to prevent unintentional use, forget steel pressure housing and light weight polymerized hand grip.

### Advantages:

- High safety standard
- Patented power transfer mechanism.
- Quick switching operation
- Turnable hand grip for easy operation
- Full encapsulated polymerized hand grip offers high tensile strength and excellent resistant to most chemicals.
- All functional parts are protected from dirt and water invasion.

### Technical Data:

|                                                    |                |
|----------------------------------------------------|----------------|
| Material-No.:                                      | 9.871-351.0    |
| Operating pressure:                                | max. 3000 bar  |
| Medium temperature:                                | max. +100°C    |
| Recoil force perm.<br><b>without</b> body support: | max. 150 N     |
| Recoil force perm.<br><b>with</b> body support:    | max. 250 N     |
| Weight:                                            | approx. 3,0 kg |
| Length:                                            | approx. 400 mm |
| Height:                                            | approx. 200 mm |
| Width:                                             | approx. 50 mm  |

# HP 3000S-VDG-Ergo – Components

| Nozzle connection |    |                                |
|-------------------|----|--------------------------------|
| Material No.      |    | for nozzle form                |
| 9.873-090.0       | 1  | Round jet nozzle max. 3000 bar |
| 9.873-090.0       | 8  | Flat jet nozzle max. 3000 bar  |
| 9.878-291.0       | 21 | Round jet nozzle max. 3000 bar |

Orbimaster

Turbo nozzle

Speedy 3000

E02

E03

E05

E09

E24

M14x1.5

| Nozzle carrier head |                          |          | Weight |
|---------------------|--------------------------|----------|--------|
| Material No.        | Number of nozzle form 21 | Type-bar | kg     |
| 9.886-774.0         | 2                        | E02-3000 | 0,45   |
| 9.886-775.0         | 3                        | E03-3000 | 0,45   |
| 9.886-772.0         | 3 or 6                   | E05-3000 | 0,47   |
| 9.886-773.0         | 3 or 6                   | E09-3000 | 0,85   |
| 9.886-645.0         | 3 or 6                   | E24-3000 | 0,85   |

| Nozzle pipe  |        | Weight |
|--------------|--------|--------|
| Material No. | L (mm) | kg     |
| 9.891-225.0  | 300    | 0,34   |
| 9.891-226.0  | 500    | 0,55   |
| 9.891-227.0  | 800    | 0,87   |
| 9.891-228.0  | 1000   | 1,09   |
| 9.891-229.0  | 1500   | 1,64   |
| 9.891-230.0  | 2000   | 2,17   |
| 9.891-231.0  | 3000   | 3,24   |
| 9.891-232.0  | 4000   | 4,32   |
| 9.892-859.0  | 5000   | 5,40   |
| 9.892-860.0  | 6000   | 6,47   |

9/16"–18UNF

Ø14.3

9/16"–18UNF

Hand grip  
Mat.-No.: 9.871-675.0

Hand grip  
Mat.-No.: 6.025-300.0

Bypass tube  
Mat.-No.: 9.887-970.0  
Weight: 0,6 kg  
Length: 1,5 m

Turnable hose connection  
9/16" UNF-LH  
Mat. -No.: 9.872-640.0  
Weight: 0,9 kg

Hose connection  
9/16" UNF-LH  
Mat.-No.: 9.872-023.0  
Weight: 0,2 kg

Gun housing cpl.  
HP 3000S-VDG-Ergo  
Mat.-No.: 9.871-351.0  
Weight: approx. 3,0 kg

Body support  
Mat.-No.: 6.025-301.0  
Weight: approx. 0,73 kg