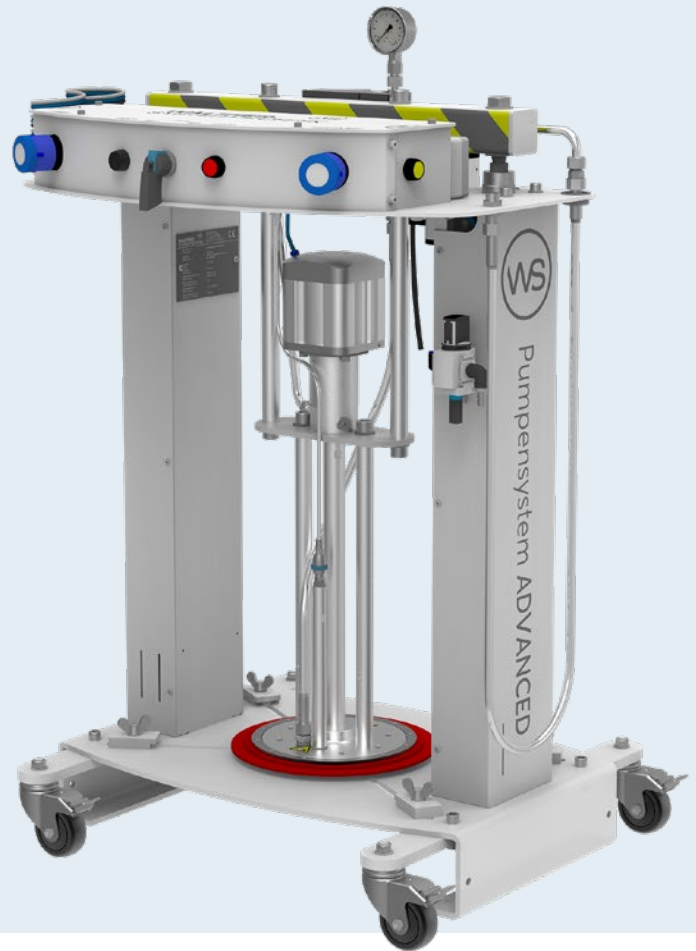


Available as
**Single and
Double Barrel
Model**

WPS Advanced

A supply system with
remote control for emptying
original containers

WPS-A



Highlights / Benefit

- Cost-efficient pump system for professional use
- Almost complete emptying of containers due to adapted follower plates
- As a standard, with integrated filter system and automatic pressure relief
- Pump system automatically turn off after complete emptying of containers
- Remote control through digital I/O's

The powerful beginner model for a medium supply with SPS/PLC control

WPS Advanced: Process-safe supplying directly from manufacturer containers.

A reliable medium supply is the basis for any dosing application. With the WPS Advanced, you have a powerful, versatile piston system at your disposal which meets all requirements. Supply medium to highly viscous media directly from the manufacturer's container. In this case, the piston is a displacer which performs a lifting movement in a cylinder and supplies medium in both lifting positions with the desired pressure. At the same time, the follower plate exercises a light pressure on the medium. Together with the constant suction of the pump, this guarantees that the medium will be taken from the container without air inclusions. The follower plate pressure can be adjusted so that you can flexibly adapt the suction of the WPS to any viscosity and prevent the blocking of the follower plate by corrugations. The design of the WPS-System allows an almost complete emptying of the containers. When the filling level is slow, the pump stops the supply process and optionally signals the status with a warning tone. An automatic stop of the pump when the container is empty will prevent the intake of air. Via digital I/O's, the pneumatic control can be remote controlled and allows the integration into automated systems. Above that, this interface provides the filling level of the container and the operating status.

Follow the QR-Code for additional product info



Technical Data

Inlet pressure (pneumatic)
4 to 8 [bar]

Outlet pressure (medium)
max. 200 [bar]

Ratio
25:1

Supply capacity
max. 1500 [cm³/min]
depending on viscosity, medium
and inlet air pressure

Container sizes
14 to 180 [l]

Follower plate pressure
max. 6 [bar]

Optional / Accessories



Acoustic
Empty signal



Follower plate
Complete emptying



Wheel set
Mobile version



SAVE
Pressure setting lock



Filter cartridge
Mesh insert



Barrel hood
Medium protection