

Modular System for More Flexibility

System design with benefits

The new generation of nozzle extensions is designed as a modular system. All parts are screwed together. A standard range of extension lengths (100 – 1000 mm) covers virtually all requirements. The modular system allows tailor-made solutions to be put together for the most varied applications. This reduces the number of spare parts required and simplifies cleaning and maintenance.

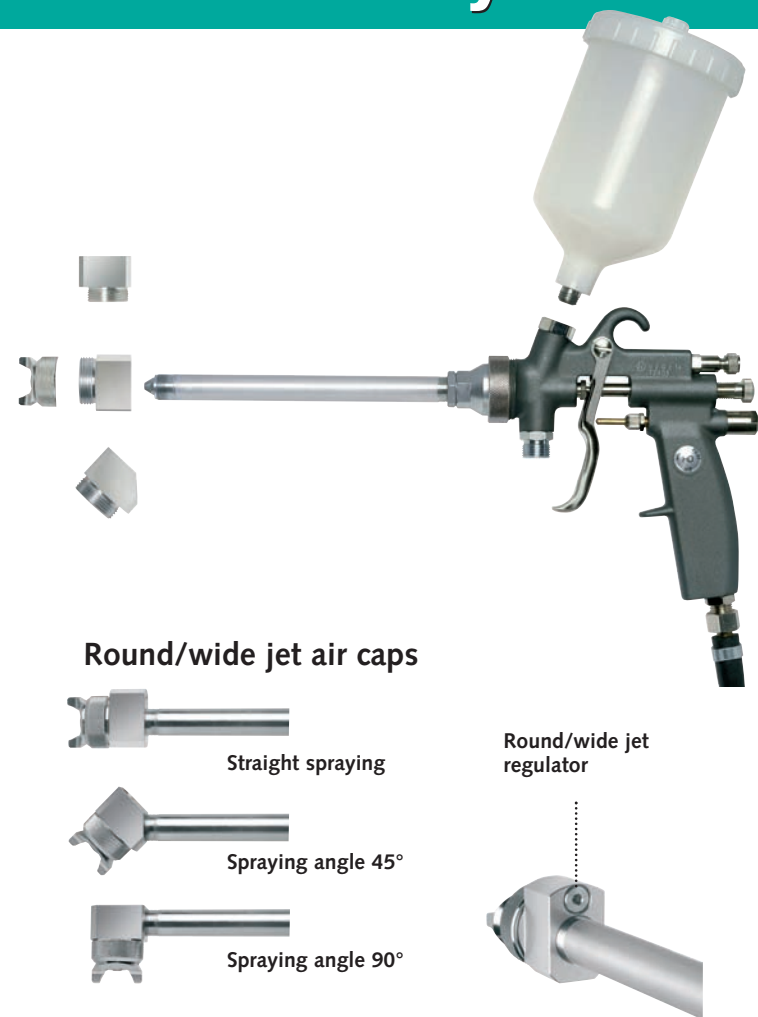
As a rule, all materials – including water-based materials – can be sprayed, as the needle, nozzle and material pipe are made of stainless steel. This also ensures that the extensions are tough and resistant to wear.

Precise spraying finishes

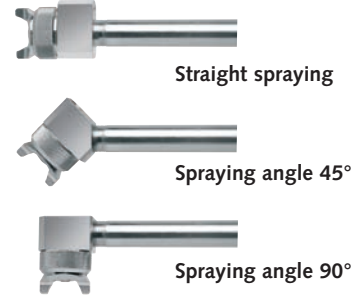
The new air caps with a round/wide jet adjustment have a very compact design and can fit into even the smallest openings. The required jet width can be infinitely adjusted with an adjuster screw. This is integrated into the spraying cap to ensure that it is protected and cannot be changed by mistake. The spraying pattern can be quickly adjusted to suit the application using an Allen key. In order to cover as many requirements and object geometries as possible, the system not only offers straight-spraying caps but also caps that spray the material at an angle of 45° or 90°. Furthermore, the wide range of nozzle sizes ensures that spraying can be performed precisely while at the same time saving material. The new range is rounded off by round jet caps without an adjuster screw as well as extensions with internal mixing.

Special lengths available on request.

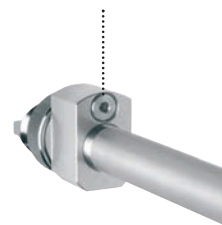
We regret that extensions cannot be supplied on approval.



Round/wide jet air caps



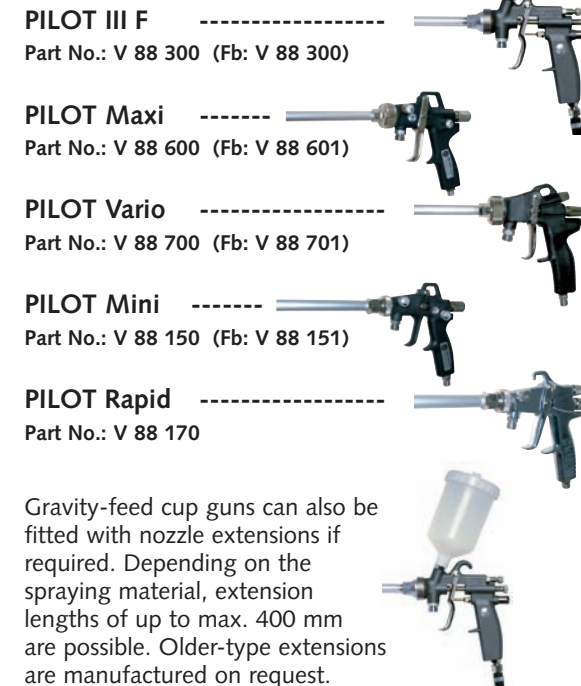
Round/wide jet regulator



The Right Choice

PILOT manual spray guns designed for use with extensions

The Part Number indicated can be selected only for spray gun models with an extension.)

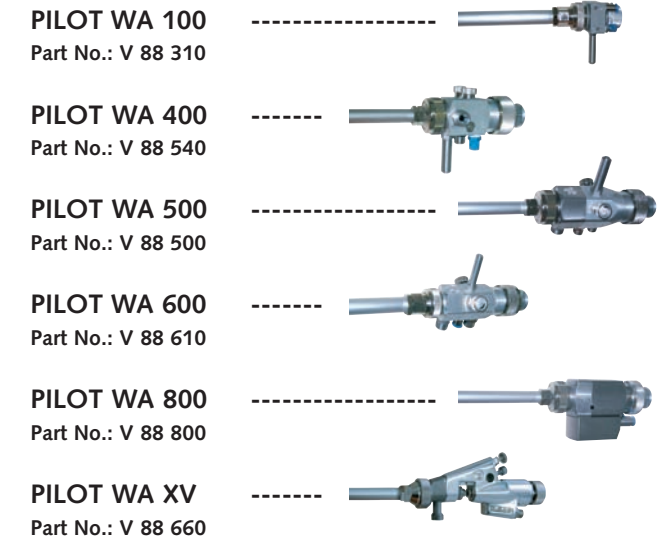


Gravity-feed cup guns can also be fitted with nozzle extensions if required. Depending on the spraying material, extension lengths of up to max. 400 mm are possible. Older-type extensions are manufactured on request.

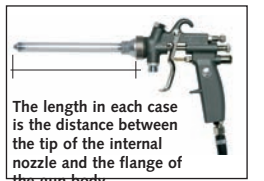
We will be happy to advise you.

PILOT automatic spray guns that can be fitted with extensions

(The Part Number indicated can be selected only for spray gun models with an extension.)



The circulation system versions of these automatic spray guns can also be fitted with extensions..



The length in each case is the distance between the tip of the internal nozzle and the flange of the gun body.

Complete Systems with Material Transfer

Fine atomisation and good spray results are best achieved by using pressure tanks or pump systems.

As a full system supplier, we can supply all the components you need:

- Spray guns with extensions
- Diaphragm and piston pumps
- Material pressure tanks
- Compressed air supply systems
- Control cabinets
- Overspray extraction systems



Information on the air caps

A wide variety of air caps and nozzle sizes ensures economical spraying for almost all requirements.

Air cap	Jet	Inlet opening	Choice of nozzle sizes
DV-10	Round Straight spraying	ø 19 mm	ø 0,3 - ø 2,5 mm
DV-20	Round approx. 45°	ø 19 mm	ø 0,3 - ø 2,5 mm
DV-30	Round/Wide Straight spraying	ø 34 mm	ø 0,3 - ø 2,2 mm
DV-40	Round/Wide 45°	ø 52 mm	ø 0,3 - ø 2,2 mm
DV-50	Round/Wide 90°	ø 47 mm	ø 0,3 - ø 2,2 mm
DV-60	Round 45°	ø 36 mm	ø 0,2 - ø 1,5 mm
DV-70	Round 45°	ø 48 mm	ø 0,2 - ø 1,5 mm
DV-80*	Internal mixing plate	ø 19 mm	ø 1,5 mm
DV-90*	Internal mixing plate	ø 18 mm	ø 1,0 + ø 1,5 mm

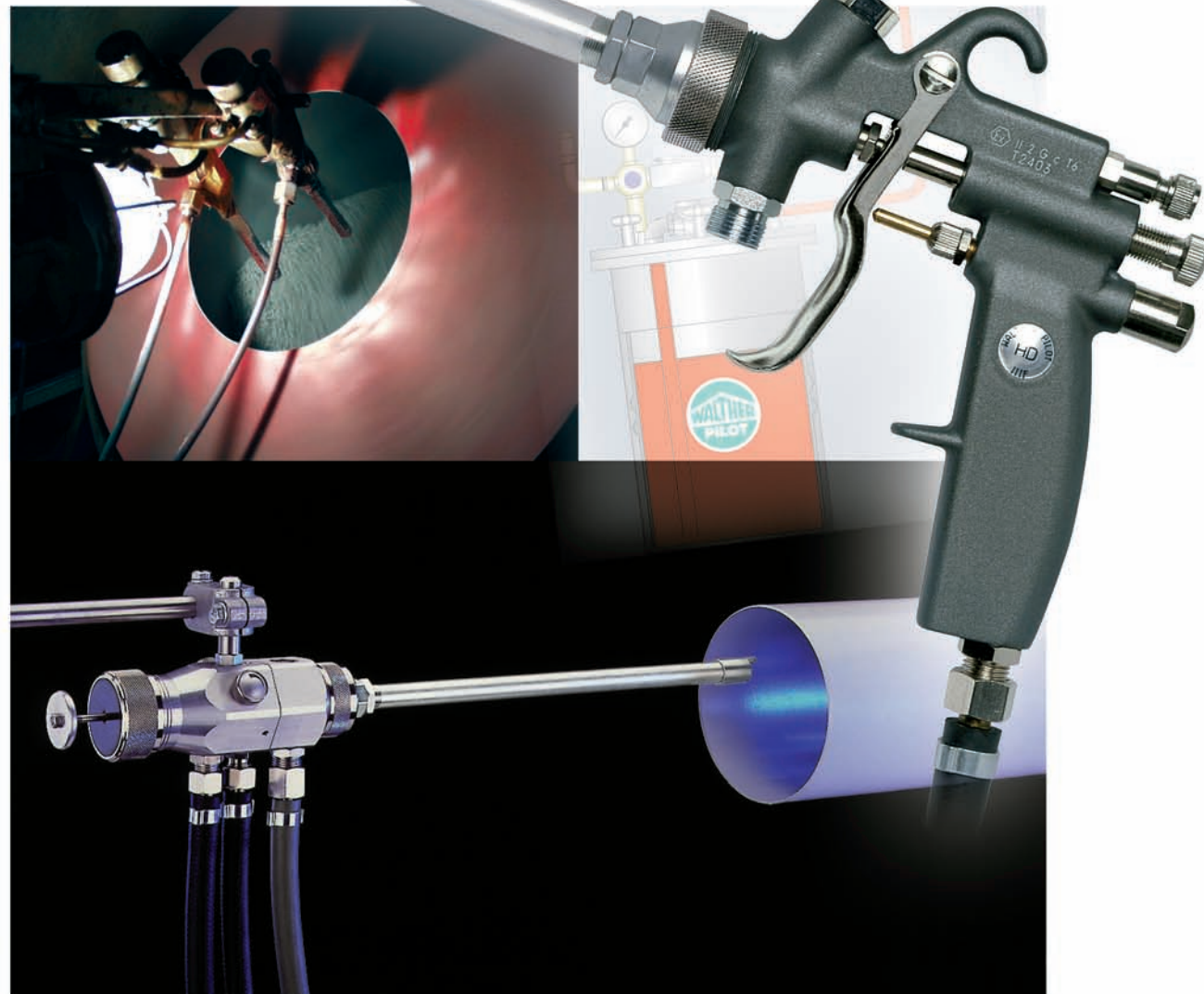
*The spray guns DV-80 and DV-90 with internal mixing plate are suitable only for guns with a material connection.

Internal mixing plate DV-90

This stainless steel air cap is especially suitable for the internal coating of pipes. It ensures a high-quality finish with an even spray pattern.



Please contact us if you do not know your nozzle size.



Nozzle Extensions

for spraying paint, oil, separating agents, etc.



Die Beschichtungs-Experten

Special Solutions

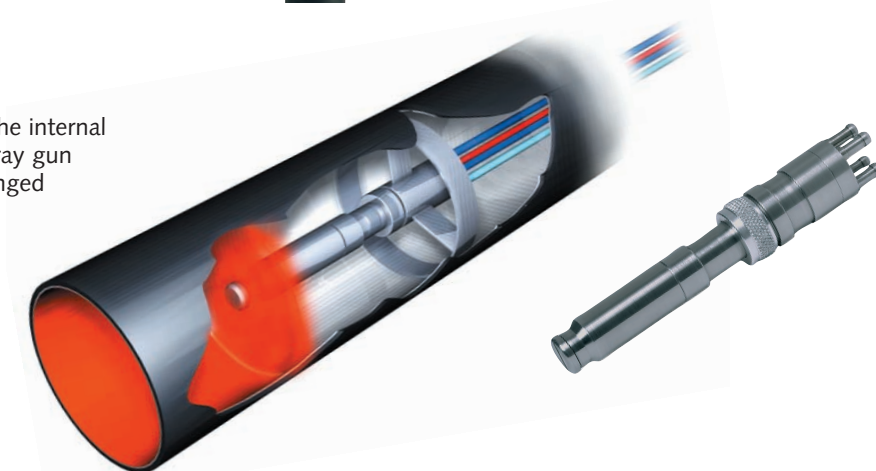


Extensions with a small outer diameter

Special extensions with an outer diameter of only 8 mm for coating surfaces that are particularly difficult to access can be made to your specifications. We will be happy to advise you on tailor-made solutions for your business

The Pipe Crawler

The "pipe crawler" is ideally suited for the internal coating of long pipes. The automatic spray gun has its air and material connections arranged axially, allowing it to be drawn through the pipe on a special carriage.



WALTHER PILOT – the Systematic Product Range

Spraying technology

Manual spray guns
Automatic spray guns
HVLP spray guns
Airless equipment
Electrostatic spray guns

Compressed air supply

Air filters/regulators

Spray booths and ventilation systems

Combined spraying and drying booths
Spray booths with filter mats
Spray booths with water-wash function
Paint sludge removers
Ventilation systems

Safety at work, filter technology, cleaning technology

Material supply systems

Material pressure tanks
Non-pressurised containers
Material delivery equipment
Agitator systems
Level measuring equipment
Fluid pumps

Complete range of accessories



Die Beschichtungs-Experten

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