

WALTHER PILOT



varnishing



to mark



adherence



conveying



extraction by suction

CATALOGUE 154

Components and Complete Systems



Die Beschichtungs-Experten

Information on WALTHER PILOT Application Technology

Pressure versions for air-atomising spray guns: High-pressure (HD), medium-pressure (MD), low-pressure (HVL = ND)

In high-pressure systems, the spraying material is atomised at pressures of between 1.5 bar and 8 bar.

In medium-pressure systems, the spraying material is atomised at pressures of between 0.7 bar and 1.5 bar.

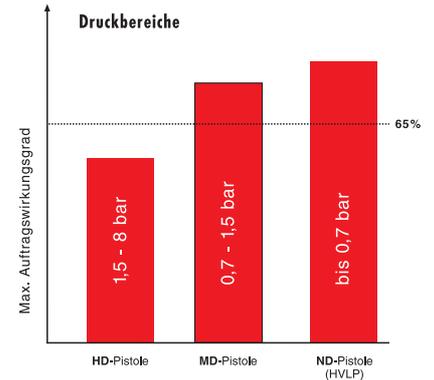
In low-pressure systems, the spraying material is atomised at pressures of up to 0.7 bar.

The air input pressure in medium-pressure and low-pressure systems is approx. 3.5 bar.

Slow and medium-pressure systems allow you to achieve a particularly high transfer efficiency, thus saving material (see chart).



Many spray gun models are available in all three versions.



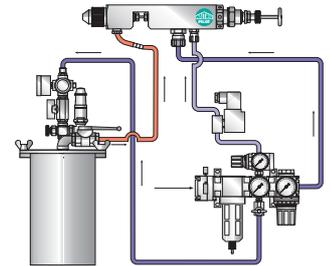
Automatic spray guns with internal control

In automatic spray guns with internal control, the spraying air is controlled by an integrated valve. When the spray gun is activated, the spraying air is first switched on and then the paint supply is opened. Closing takes place in the reverse order. The quantity of round-jet and wide-jet spraying air can be adjusted at the gun.

Automatic spray guns for external control

In automatic spray guns without internal control, the spraying air is not automatically activated by the control air. The control air is merely used to open the material duct. Round-jet and wide-jet air need to be externally activated and controlled. This allows easy adaptation of the spraying jet geometry to different surface dimensions.

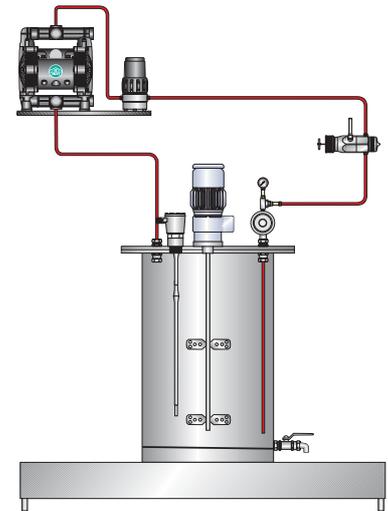
It is also possible to use the spraying air to cool the gun after the spraying process or to use the spraying air to air-blast the object.



Connection diagram for an automatic spray gun

Spray guns for circulation systems

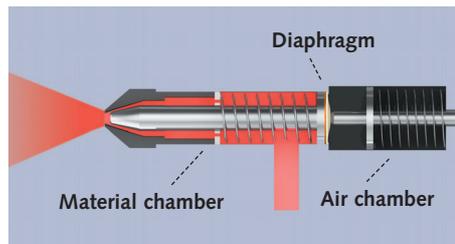
The material is pumped from the container to the automatic spray guns via ring circuits. After the last spray gun, the material returns to the container via a backpressure controller. This means that the material is constantly in circulation and does not settle in the lines.



Connection diagram: low-pressure circulation system

Automatic spray guns with a diaphragm

The diaphragm spray gun is an alternative to spray guns with a needle. Due to the diaphragm, the material-carrying parts of the gun are hermetically separated from the air-side components. There is no needle going through the gun. The gun is opened by a pneumatic pulse. This relieves the pressure from the rear spring located in the air chamber. This special design operates without wear and is the ideal choice for problematic materials (e.g. abrasive or moisture-curing materials).



Nozzle inserts

A nozzle insert consists of an air cap, a material and a needle. When ordering spare parts, it is generally advisable to order the entire nozzle insert. We will be happy to advise you.

Repair kits

A repair kit consists of all wearing parts.



Guaranteed parts availability for 10 years.



WALTHER PILOT offers plant and equipment, comprehensive expertise, advice and service. You are certain to have quality that lasts, e.g. with our 10-year availability guarantee for spare parts.

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Low-pressure manual spray guns (HVLP)



PILOT Vario-ND
(HVLP system)



Model

PILOT Vario-ND (HVLP system)

*Low-pressure spray gun for excellent surface finish results.
All wetted parts made of stainless steel.
The front body can be quickly exchanged.
Gun body: high-grade plastic material.
Ergonomically designed.
Weight: only 390 g.*

Wide-to-round jet nozzle insert, sizes available:
0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 /
2.0 / 2.2 / 2.5 mm ø

with asymmetric 450 ccm plastic gravity-feed cup

with suspended 800 ccm pressure cup

Material connection version for link up to tanks and pumps 3/8"

Part No.

V 11 721 04 . . 3

V 11 723 04 . . 3

V 11 722 04 . . 3



PILOT Maxi-ND
(HVLP system)



Model

PILOT Maxi-ND (HVLP system)

*Low-pressure spray gun for excellent surface finish results.
All wetted parts made of stainless steel.
Gun body TEFLON®-coated.
Weight: 440 g.*

Wide-to-round jet nozzle insert, sizes available:
0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 /
2.0 / 2.2 / 2.5 mm ø

mit asymmetrischem Kunststoff-Fließbecher 450 ccm

with suspended 800 ccm pressure cup

Material connection version for link up to tanks and pumps 3/8"

V 11 633 04 . . 3

V 11 635 04 . . 3

V 11 634 04 . . 3



PILOT XIII-ND
(HVLP system)



Model

PILOT XIII-ND (HVLP system)

*Low-pressure spray gun for a wide variety of spraying jobs.
Front body: stainless steel. Weight: 760 g.*

Wide-to-round jet nozzle insert, sizes available:
0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 mm ø

with pressurized gravity-feed cup 450 ccm

with suspended pressure cup

Material connection version for link up to tanks and pumps 3/8"

V 11 336 03 . . 3

V 11 338 03 . . 3

V 11 332 03 . . 3

Medium-pressure manual spray guns

Modell	Part No.	
<p>PILOT Vario-MD <i>Medium-pressure spray gun for excellent surface finish results. All wetted parts made of stainless steel. The front body can be quickly exchanged. Gun body: high-grade plastic material. Weight: only 390 g. Air-pressure range: 0.7 to 1.5 bar.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>with suspended 800 ccm pressure cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 711 04 . . 3</p> <p>V 11 713 04 . . 3</p> <p>V 11 712 04 . . 3</p>	 <p>PILOT Vario-MD with material connection</p>  <p>PILOT Maxi-MD with suspended pressure cup</p>
<p>PILOT Maxi-MD <i>Medium-pressure spray gun for excellent surface finish results. All wetted parts made of stainless steel. Weight: 440 g. Air-pressure range: 0.7 to 1.5 bar.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>with suspended 800 ccm pressure cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 615 05 . . 3</p> <p>V 11 617 05 . . 3</p> <p>V 11 616 05 . . 3</p>	 <p>PILOT III F-MD with material connection</p>
<p>PILOT III F-MD <i>Medium-pressure spray gun for a wide variety of spraying jobs. Gun body TEFLON®-coated for ease of cleaning. Air-pressure range: 0.7 to 1.5 bar. Weight: 600 g.</i></p> <p>with 450 ccm plastic gravity-feed cup (optional aluminum)</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 10 310 02 . . 1</p> <p>V 10 311 02 . . 1</p>	 <p>PILOT Mini-MD</p>
<p>PILOT Mini-MD <i>Lightweight spray gun made of high-grade plastic material. All wetted parts made of stainless steel. With air volume regulation. Wide choice of nozzles with only two air cap sizes. Weight: 290 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm ø</p> <p>with gravity-feed cup 125 ccm and sieve in plastic</p> <p>Material connection version for link up to tanks and pumps 1/4"</p>	<p>V 10 141 02 . . 3</p> <p>V 10 142 02 . . 3</p>	 <p>PILOT Rapid-MD</p>
<p>PILOT Rapid-MD <i>Lightweight spray gun with sturdy aluminum body. With air volume regulation. Wide choice of nozzles with only two air cap sizes. Weight: 440 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm ø</p> <p>Material connection version for link up to tanks and pumps 1/4"</p>	<p>V 10 174 04 . . 3</p>	 <p>PILOT Trend-MD</p>
<p>PILOT Trend-MD <i>Medium-pressure spray gun. Ergonomically-design. Nozzle and needle made of stainless steel. All seals are solvent-resistant. PTFE quick-change packing, adjustable from the outside. Weight: 450 g. Air-pressure range: 0.7 to 1.5 bar.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 mm ø</p> <p>with gravity-feed cup</p>	<p>V 10 611 04 . . 3</p>	 <p>PILOT Trend-MD</p>

High-pressure manual spray guns



PILOT Vario-HD
syphon-feed cup



Model	Part No.
<p>PILOT Vario-HD <i>High-performance spray gun for superb surface results. All wetted parts made of stainless steel. Weight: only 390 g. The front body can be quickly exchanged. Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø</i></p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>with 1000 ccm syphon-feed cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 701 03 . . 3</p> <p>V 11 703 03 . . 3</p> <p>V 11 702 03 . . 3</p>
<p>PILOT Maxi-HD <i>High-performance spray gun for superb surface results. All wetted parts made of stainless steel. Gun body TEFLON®-coated. Weight: 440 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>mit 1000 ccm syphon-feed cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 613 03 . . 3</p> <p>V 11 619 03 . . 3</p> <p>V 11 614 03 . . 3</p>
<p>PILOT Mini-HD <i>Lightweight spray gun made of high-grade plastic material. All wetted parts made of stainless steel. With air volume regulation. Wide choice of nozzles with only two air cap sizes. Weight: 290 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm ø</p> <p>with gravity-feed cup 125 ccm and sieve in plastic</p> <p>with 600 ccm syphon-feed cup</p> <p>Material connection version for link up to tanks and pumps 1/4"</p> <p>Version with rotary jet nozzle insert for highly viscous materials available on request.</p>	<p>V 10 151 02 . . 3</p> <p>V 10 152 80 . . 3</p> <p>V 10 152 02 . . 3</p>
<p>PILOT Rapid-HD <i>Lightweight spray gun with body made of aluminum. With air volume regulation. Wide choice of nozzles with only two air cap sizes. Weight: 440 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm ø</p> <p>with 600 ccm syphon-feed cup</p> <p>Material connection version for link up to tanks and pumps 1/4"</p> <p>Version with rotary jet nozzle insert for highly viscous materials available on request.</p>	<p>V 10 173 04 . . 3</p> <p>V 10 172 04 . . 3</p>



PILOT Maxi-HD



PILOT Mini-HD



PILOT Rapid-HD



High-pressure manual spray guns

Model	Part No.
<p>PILOT III F <i>High-performance spray gun for a wide variety of spraying jobs. Features two material inlets permitting the use of gravity- or syphon-feed cups, material pressure tanks or pumps. Gun body TEFLON®-coated for ease of cleaning. Weight: 600 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø</p> <p>with 450 ccm plastic gravity-feed cup (optional aluminum) with 1000 ccm syphon-feed cup Material connection version for link up to tanks and pumps 3/8" with material feed pipe</p> <p>Version with rotary jet nozzle insert for highly viscous materials: Gravity-feed cup version. Nozzle sizes: 1.0 - 3.5 mm ø</p> <ul style="list-style-type: none"> - for round jet head. Nozzle sizes: 1.0 - 3,5 mm ø - for wide jet head. Nozzle sizes: 1.0 - 2,5 mm ø <p>Material connection version. Nozzle sizes: 1,0 - 3,5 mm ø</p> <ul style="list-style-type: none"> - for round jet head. Nozzle sizes: 1.0 - 3.5 mm ø - for wide jet head. Nozzle sizes: 1.0 - 2,5 mm ø 	<p>V 10 301 02 . . 1</p> <p>V 10 303 72 . . 1</p> <p>V 10 302 02 . . 1</p> <p>V 10 307 02 . . 1</p>
<p>PILOT Trend-HD <i>Ergonomically-designed high-performace spray gun. Nozzle and needle are made of stainless steel. All seals are solvent-resistant. PTFE quick-change packing, adjustable from the outside. Weight: 450 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 mm ø</p> <p>with gravity-feed cup</p>	<p>V 10 601 03 . . 3</p>
<p>PILOT IV - the classic spray gun <i>Spray gun in nostalgic design with wooden handle and 450 ccm gravity-feed cup (optional aluminum). Gun body: nickel-plated brass. Weight: 630 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø</p>	<p>V 11 401 02 . . 1</p>
<p>PILOT XIII <i>High performance spray gun for industrial heavy-duty applications. Front body: stainless specialty steel. Weight: 760 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø</p> <p>with gravity-feed cup 450 ccm with 1000 ccm syphon-feed cup Material connection version for link up to tanks and pumps 3/8"</p> <p>Rotary jet nozzle insert for highly viscous materials available on request.</p>	<p>V 11 301 03 . . 3</p> <p>V 11 303 73 . . 3</p> <p>V 11 302 03 . . 3</p>
<p>PILOT XIII-U <i>Like PILOT XIII, but recirculation version (special front body)</i></p>	<p>V 11 312 03 . . 3</p>
<p>PILOT XIII-50 bar <i>with rotary jet nozzle insert for highly viscous materials Max. operating pressure up to 50 bar</i></p> <p>Rotary jet nozzle insert with wide-horn air cap 1,0 / 1,5 / 2,0 / 2,5 mm ø</p>	<p>V 11 342 43 . . 3</p>



PILOT III F

PILOT IV



PILOT Trend-MD



PILOT XIII



PILOT XIII-U



PILOT XIII-50 bar

Airless / AirCoat

Model

Part No.

Wagner G 15



WAGNER airless spray gun AG 14 F

- Standard airless spray gun
- Material presser up to 270 bar
- Material filter integrated
- Swivelling material connection 1/4"

Nozzle: all conventional airless nozzles

AE 20 025 70 15

WAGNER-Airless-Pistole G 15

- Standard airless spray gun
- Material presser up to 530 bar
- Material filter integrated in the handle
- Swivelling material connection 1/4"

Nozzle: all conventional airless nozzles

AE 20 034 70 01



Wagner GM 3000 AC

WAGNER-AirCoat Pistole GM 3000 AC

- with HV air cap for water-borne coatings or LV air cap for solvent-based coatings
- Reverse nozzle for fast cleaning
- Material filter integrated
- Swivelling air and material connection
- Air pressure up to 8 bar - Material pressure up to 250 bar

Nozzle: all conventional AirCoat nozzles

AE 20 036 40 02
AE 20 036 40 06

Spray guns for delicate work

PILOT I



PILOT I

Spray gun with gravity-feed cup 100 ccm for delicate spraying-jobs.
Weight: 260 g.

Round jet nozzle insert, sizes available:
0.2 / 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm ø
Wide jet nozzle insert, sizes available
0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm ø

V 10 101 51 . . 3

V 10 101 02 . . 3

PILOT VII BN



PILOT VII B N

Airbrush spray gun with 6 ccm paint container
Gun body: nickel-plated brass. Weight: 85 g.

Nozzle size: 0.3 mm

V 10 080 00 031

Compact-size automatic spray guns

Model	Part No.
<p>PILOT WA 50</p> <p><i>Compact-size automatic spray gun for delicate spraying jobs. The gun is made entirely of stainless specialty steel.</i></p> <p>Round jet nozzle inset, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm \varnothing</p> <p>Wide jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm \varnothing</p>	<p>V 20 305 51 . . 3</p> <p>V 20 305 01 . . 3</p>
<p>PILOT WA 80</p> <p><i>Spray gun for internal spraying, especially suitable for the coating of tubes. The circular-shaped spray jet is produced by a special disk nozzle. The spray gun is made entirely of acid-resistant stainless steel.</i></p> <p>Nozzle sizes available: 1.0 mm / 1.5 mm \varnothing</p>	<p>V 20 380 51 . . 3</p>
<p>PILOT WA 100</p> <p><i>This compact-size automatic spray gun is ideally suited for the use with robots. The hard-coated gun body is ideal for applications in the food processing industry. Flat jet and round jet can be externally controlled. Wide choice of nozzle sizes. Nozzle and needle: stainless specialty steel.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm \varnothing</p> <p>with gun body entirely made of stainless specialty steel</p>	<p>V 20 310 02 . . 3</p> <p>V 20 312 02 . . 3</p>
<p>PILOT WA 600-HD</p> <p><i>Fully automatic spray gun for the perfect surface finish. Internal control for opening and closing the atomising air. Standard version with pull-bar for manual cleaning operation. Material regulation via notch-type fine adjustment.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.2 mm \varnothing</p>	<p>V 20 600 02 . . 3</p>
<p>PILOT WA 610-HD-U</p> <p><i>Automatic spray gun - recirculation version</i></p>	<p>V 20 601 02 . . 3</p>



PILOT WA 50



PILOT WA 80



PILOT WA 100



PILOT WA 600

Medium-pressure spray gun versions are available on request.

Universal automatic spray guns



PILOT WA 400-HD

PILOT WA 400-HD

Automatic spray gun, round and wide jet can be separately controlled. Material-volume regulation through notch-type fine adjustment. With pull-bar for manual cleaning operation.

Wide-to-round jet nozzle insert, sizes available:

0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 /
2.0 / 2.2 / 2.5 mm \varnothing

with stainless steel body

V 20 540 06 . . 3

V 20 540 16 . . 3

PILOT WA 410-HD-U

Automatic spray gun, recirculation version

V 20 541 06 . . 3

PILOT WA 420-ND (HVLP system)

HVLP-type automatic spray gun

V 20 542 03 . . 3

PILOT WA 430-ND-U (HVLP system)

HVLP-type automatic spray gun, recirculation version

V 20 543 03 . . 3

PILOT WA 425-MD

Medium-pressure automatic spray gun

V 20 550 04 . . 3

PILOT WA 435-MD-U

Medium-pressure automatic spray gun, recirculation version

V 20 551 04 . . 3



PILOT WA 450-HD

PILOT WA 450-HD

Automatic spray gun together with quick-change adapter plate.

- recirculation version available -

V 20 545 06 . . 3

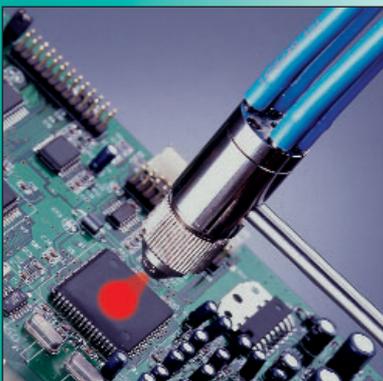
PILOT WA 452-ND (HVLP system)

Low-pressure automatic spray gun with quick-change adapter plate.

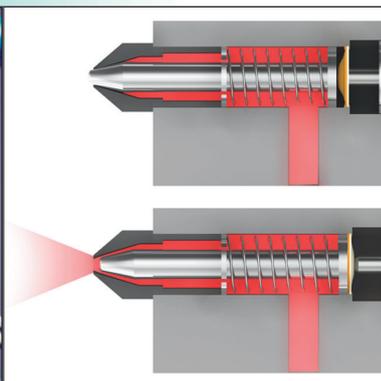
- recirculation version available -

V 20 547 03 . . 3

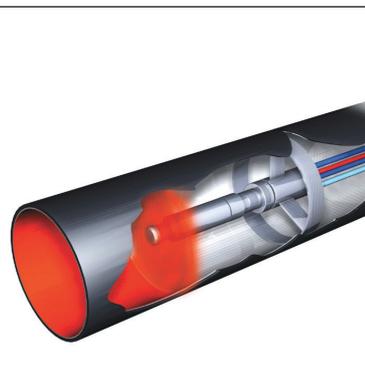
Automatic spray guns for a multitude of applications



Small size guns
for dot-marking



Diaphragm spray gun versions
for abrasive materials



Special automatic gun for the
inner coating of pipe and tubes



Version with adapter-plate
for use with robots

Model	Part No.
<p>PILOT WA 500-HD <i>Fully automatic spray gun for superb surface results. Internal control for opening and closing. Material-volume regulation through notch-type fine adjustment. With pull-bar for manual cleaning operation.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø Gun body: stainless steel</p>	<p>V 20 500 06 . . 3 V 20 502 06 . . 3</p>
<p>PILOT WA 510-HD-U <i>Automatic spray gun - recirculation version</i></p>	<p>V 20 510 06 . . 3</p>
<p>PILOT WA 520-ND (HVLP System) <i>HVLP-type automatic spray gun</i></p>	<p>V 20 520 03 . . 3</p>
<p>PILOT WA 530-ND-U (HVLP System) <i>HVLP-type automatic spray gun for connection to recirculation systems</i></p>	<p>V 20 530 03 . . 3</p>
<p>PILOT WA 515 Membrane <i>Diaphragm version for use with abrasive or moisture-curing media</i></p>	<p>V 20 515 02 . . 3</p>
<p>PILOT WA 525-MD <i>Medium-pressure automatic spray gun</i></p>	<p>V 20 503 04 . . 3</p>
<p>PILOT WA 535-MD-U <i>Medium-pressure automatic spray gun for connection to recirculation systems</i></p> <p>Versions with gun body made of stainless steel on request.</p>	<p>V 20 504 04 . . 3</p>



PILOT WA 500-HD



PILOT WA 510-HD-U



PILOT WA 515 Membrane -
Front body: stainless steel

We have the solution!



Spray guns mounted on lifting device to carry out spot repair



A wide range of extensions



Spray booths complete with material supply, spray gun and filter system



Universal automatic spray guns



PILOT WA 800

PILOT WA 800

The automatic spray guns of the PILOT WA 800 series are fitted with an adapter plate. This allows the guns to be quickly exchanged for maintenance purposes. The front body is made entirely of stainless steel. The large material cross-sections allow almost all types of material to be sprayed.

Wide-to-round jet nozzle insert, sizes available:
0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 /
2.0 / 2.2 / 2.5 mm \varnothing

Model	Part No.
PILOT WA 800-HD: Standard version High-pressure with internal control	V 20 800 06 . . 3
PILOT WA 805-HD: Standard version High-pressure with external control	V 20 805 06 . . 3
PILOT WA 810-HD-U: High-pressure version with internal control and connections for material recirculation	V 20 810 06 . . 3
PILOT WA 815-HD-U: High-pressure version with external control and connections for material recirculation	V 20 815 06 . . 3
PILOT WA 820-ND: Low-pressure with internal recontrol	V 20 820 03 . . 3
PILOT WA 825-ND: Low-pressure with external recontrol	V 20 825 03 . . 3
PILOT WA 830-ND-U: Low-pressure with internal control and connections for material recirculation	V 20 830 03 . . 3
PILOT WA 835-ND-U: Low-pressure with external control and connections for material recirculation	V 20 835 03 . . 3
PILOT WA 840-MD: Medium-pressure with internal control	V 20 840 04 . . 3
PILOT WA 845-MD: Medium-pressure with external control	V 20 845 04 . . 3
PILOT WA 850-MD-U: Medium-pressure with internal control and connections for material recirculation	V 20 850 04 . . 3
PILOT WA 855-MD-U: Medium-pressure with external control and connections for material recirculation	V 20 855 04 . . 3



PILOT WA XV, pull-bar

PILOT WA XV

Automatic spray gun for a wide variety of spraying jobs. Front body: stainless steel. Internal control for opening and closing.

Wide-to-round jet nozzle insert, sizes available:
0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 /
2.2 / 2.5 / 3.0 / 3.5 mm \varnothing

Version with pull-bar for manual cleaning

V 20 662 03 . . 3
V 20 642 03 . . 3

PILOT WA XV-U

Automatic spray gun for connection to recirculation systems.

V 20 612 03 . . 3



PILOT WA XV-ND

PILOT WA XV-ND (HVLP system)

Low-pressure automatic spray gun, with pull-bar

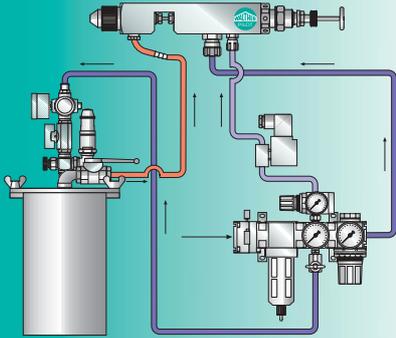
Wide-to-round jet nozzle insert, sizes available:
0.8 / 1.0 / 1.2 / 1.3 / 1.5 / 1.8 / 2.0 mm \varnothing

V 20 672 03 . . 3

Airless - Air-assisted airless

Model	Part No.	
<p>PILOT WA 20 <i>Extremely compact airless automatic spray gun, nozzle not included, max. allowable overpressure: 120 bar.</i> <i>Gun body: stainless steel</i></p> <p>Nozzle: all conventional airless nozzles</p>	<p>V 20 950 00 003</p>	 <p>PILOT WA 20</p>
<p>PILOT WA 30 <i>Airless automatic spray gun, nozzle not included, max. allowable overpressure: 350 bar</i></p> <p>Gun body: stainless steel</p> <p>Nozzle: all conventional airless nozzles</p>	<p>V 20 900 00 000 V 20 900 00 003</p>	 <p>PILOT WA 30</p>
<p>PILOT WA 30-U <i>Airless automatic spray gun - recirculation version.</i> <i>Nozzle not included, max. allowable overpressure: 350 bar.</i></p> <p>Gun body: stainless steel</p> <p>Nozzle: all conventional airless nozzles</p>	<p>V 20 900 00 100 V 20 900 00 103</p>	 <p>PILOT WA 30 - Gun body: stainless steel</p>
<p>Metering Valve PILOT WA 30 <i>(see page 39)</i></p>		
<p>WAGNER AirCoat automatic GA 3000 AC IC <i>Internal control circuits</i></p>	<p>AE 20 038 0001</p>	
<p>WAGNER AirCoat automatic GA 3000 AC EC <i>external control circuits</i></p>	<p>AE 20 038 0010</p>	<p>WAGNER AirCoat automatic</p>

Spray-marking systems



Non-contact marking systems

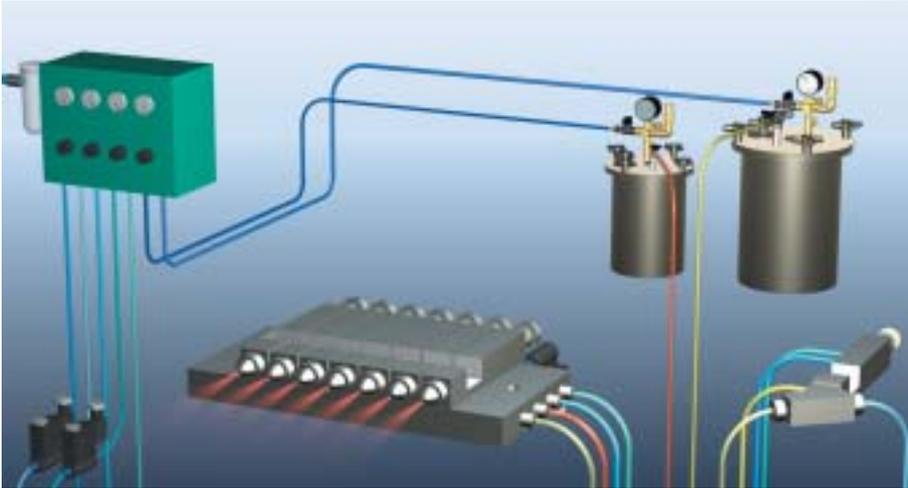
All important components are available:

- Marking gun
- Air conditioning assembly
- Hoses
- Pressure tanks

Automatic spray-marking systems

	Model	Part No.
 <p>PILOT Signier</p>	<p>PILOT Signier <i>Fully automatic spray gun for a wide range of fine spraying jobs, especially dot-marking operations. Extremely short switching times. With pull-bar for manual cleaning operation.</i></p> <p>Round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm \varnothing</p> <p>Recirculation version with wide jet nozzle insert</p>	<p>V 20 360 51 . . 3 V 20 361 51 . . 3 V 20 360 02 . . 3</p>
 <p>PILOT Signier-Membrane</p>	<p>PILOT Signier-Membrane <i>Diaphragm version. Especially suitable for use with abrasive and moisture-curing spray media.</i></p>	<p>V 20 357 51 . . 3</p>
 <p>PILOT WA 200</p>	<p>PILOT WA 200 <i>Fully automatic spray gun for a wide range of fine spraying jobs, especially in the pharmaceutical and food industry. All wetted parts are made of stainless specialty steel. Extremely short switching times.</i></p>	<p>V 20 330 51 . . 3</p>
 <p>PILOT WA 210</p>	<p>PILOT WA 210 <i>Same as PILOT WA 200, but with special lubrication feature to reduce needle-seal packing wear.</i></p>	<p>V 20 331 51 . . 3</p>
 <p>PILOT WA 50</p>	<p>PILOT WA 50 <i>Compact-size automatic spray gun for the finest spraying jobs, made entirely of stainless steel.</i></p> <p>Round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm \varnothing</p> <p>Wide jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm \varnothing</p>	<p>V 20 305 51 . . 3 V 20 305 01 . . 3</p>
 <p>PILOT Block</p>	<p>PILOT Block <i>Small semi-automatic spray gun. Extremely short switching times.</i></p> <p>Round jet nozzle insert, sizes available: 0.3 / 0.5 / 0.8 / 1.0 mm \varnothing</p>	<p>V 20 332 51 . . 3</p>

Complete spray-coding systems

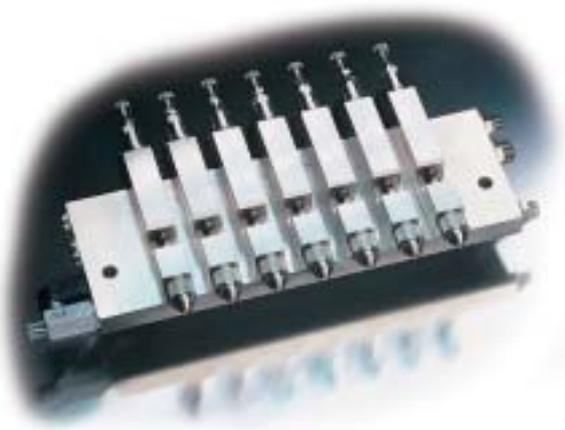


Dot-matrix application on steel tubes

Alphanumerical identification codes can be sprayed onto strips, panels, plates, pipes, tubes, etc. in a continuous throughflow process. The character size and the throughflow rate can be individually set at the guns. A special flushing gun is provided for the removal of residual paint material from the nozzle upon completion of a job.

Available components:

- Marking block
- Flushing gun
- Solenoid valves
- Pressure tanks for paint and diluant
- Pneumatic switch cabinet
- Marking paint



Marking block

Including:
7 spray guns and flushing installation
as well as solenoid valves.
Voltage: 24 V

Part No.

V 20 353 BL 075

Further versions on request.

Marking Systems / Systems for Precision Spraying

We offer the optimum overall solution:

- control cabinet (pneumatic or electro-pneumatic)
- with level measurement if required
- high-quality automatic spray gun
- suitable pressure tank version and agitator if required
- mounting frame
- Marking paint



WALTHER PILOT offers solutions for a wide range of precision spraying applications:

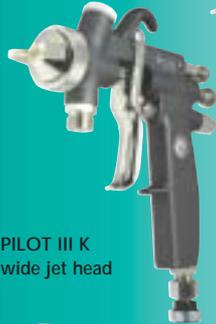
- spraying with precise edge definition
- application of sealing coating
- coating small parts
- application of adhesive to edges

Spray guns for solvent-based adhesives

PILOT III K
round jet head



PILOT III K
wide jet head



PILOT Maxi-HD-K



PILOT XIII



PILOT WA XV, pullbar



PILOT WA 470



PILOT WA 870



Model

Part No.

PILOT III-K

Adhesive application gun. Gun body TEFLON®-coated for ease of cleaning. Weight: 600 g.

Rotary jet nozzle insert, sizes available:
1.0 / 1.5 / 1.8 / 2.0 mm ø

with 450 ccm plastic gravity-feed cup

Material connection version for link up to tanks and pumps 3/8"

with wide jet head (gravity-feed cup version)

with wide jet head (material connection version)

V 10 351 21 . . 1

V 10 352 21 . . 1

V 10 351 33 . . 1

V 10 352 33 . . 1

PILOT Maxi-K

Adhesive application gun.

Gun body TEFLON®-coated for ease of cleaning.

Weight: 440 g.

Wide-to-round jet nozzle insert, sizes available:

0.5 / 0.8 / 1.0 / 1.2 / 1.4 /

1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø

with 450 ccm plastic gravity-feed cup

Material connection version for link up to tanks and pumps 3/8"

V 11 626 02 . . 3

V 11 618 02 . . 3

PILOT XIII

Heavy-duty spray gun for solvent-based, non-flammable adhesives. Weight: 760 g.

Nozzle insert, sizes available:

0.5 / 0.8 / 1.0 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø

with 450 ccm plastic gravity-feed cup

Material connection version for link up to tanks and pumps 3/8"

V 11 301 33 . . 3

V 11 302 33 . . 3

PILOT WA XV

Automatic spray gun with internal control for solvent-based adhesives. Pullbar version.

Rotary jet nozzle insert, sizes available:

1.0 / 1.5 / 1.8 / 2.0 mm ø

with wide jet head (material connection version)

with rotary jet head (material connection version)

V 20 662 33 . . 3

V 20 662 21 . . 3

PILOT WA 470-K

Automatic spray gun with external control for adhesive application.

V 20 580 02 . . 3

PILOT WA 471-U-K

Automatic spray gun – recirculation version – with external control for adhesive application.

V 20 581 02 . . 3

PILOT WA 570-K

Automatic spray gun with internal control for adhesive application

V 20 570 02 . . 3

PILOT WA 571-U-K

Automatic spray gun – recirculation version – with internal control for adhesive application.

V 20 571 02 . . 3

PILOT WA 870-K

Automatic spray gun for adhesive applications

V 20 870 02 . . 3

PILOT WA 871-U-K

Automatic spray gun – recirculation version –

V 20 871 02 . . 3

Spray guns for dispersion adhesives

Model	Part No.
<p>PILOT Vario-ND-K (HVLP system) <i>HVLP spray gun model for dispersion adhesives. Gun body: high-quality plastic. All wetted parts made of stainless steel. Weight: 390 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 726 02 . . 3</p> <p>V 11 727 02 . . 3</p>
<p>PILOT Maxi-ND-K (HVLP system) <i>HVLP spray gun model for dispersion adhesives. Gun body TEFLON®-coated for ease of cleaning. All wetted parts made of stainless steel. Weight: 440 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.4 / 1.5 / 1.8 / 2.0 / 2.2 / 2.5 mm ø</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 623 03 . . 3</p> <p>V 11 620 02 . . 3</p>
<p>PILOT XIII-ND (System HVLP) <i>Heavy-duty spray gun for adhesives. All wetted parts made of stainless steel. Weight: 760 g.</i></p> <p>Wide-to-round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 mm ø</p> <p>with asymmetric 450 ccm plastic gravity-feed cup</p> <p>Material connection version for link up to tanks and pumps 3/8"</p>	<p>V 11 331 33 . . 3</p> <p>V 11 332 33 . . 3</p>
<p>PILOT WA 472-ND-K <i>HVLP spray gun with external control for adhesive applications</i></p>	<p>V 20 582 02 . . 3</p>
<p>PILOT WA 473-ND-U-K <i>HVLP spray gun with external control for adhesive applications – recirculation version –</i></p>	<p>V 20 583 02 . . 3</p>
<p>PILOT WA 572-ND-K <i>HVLP spray gun with internal control for adhesive applications</i></p>	<p>V 20 572 02 . . 3</p>
<p>PILOT WA 573-ND-U-K <i>HVLP spray gun with internal control for adhesive applications – recirculation version –</i></p>	<p>V 20 573 02 . . 3</p>
<p>PILOT WA 872-ND-K <i>Automatic HVLP spray gun with adapter plate</i></p>	<p>V 20 872 02 . . 3</p>
<p>PILOT WA 873-ND-U-K <i>Automatic HVLP spray gun with adapter plate – recirculation version –</i></p>	<p>V 20 873 02 . . 3</p>



PILOT Vario



PILOT Maxi



PILOT XIII-ND



PILOT WA 572-ND-K.



PILOT WA 872

Spray guns for 2-component dispersion adhesives



PILOT III-2K



PILOT WA 560 2-K

Model

Part No.

PILOT III-2K

Spray gun for two-component adhesive materials.
Gun body TEFLON®-coated for ease of cleaning.

Rotary jet nozzle insert for component A, sizes available:
0.8 / 1.0 / 1.2 mm \varnothing

Spray hole for component B, sizes available:
0.3 / 0.4 / 0.5 mm \varnothing

V 24 531 21 . . 3

PILOT WA 560 2-K

Automatic spray gun for applying
2-component adhesive compounds
The mixing takes place in the spray jet..

V 24 560 05 . . 3

Extrusion spray guns



PILOT Vario
Extrusion gun



PILOT
Extrusion gun

PILOT Vario Extrusion gun

Ideally suited for the application of white glue (PVA),
putty and other viscous materials.
All wetted parts are made of stainless steel.
Max. material pressure: 8 bar.
Nozzle sizes: 0.3 mm - 2.5 mm \varnothing

V 10 252 00 000

PILOT Extrusion gun

with tapered nozzle,
max. operating pressure: 350 bar (old ref.-no. G6748106000)
same as above, but gun body TEFLON®-coated
(Special versions on request)

V 10 250 00 000

V 10 250 40 000

PILOT WA 95

Extrusion gun for automatic operation
max. operating pressure: 50 bar

V 20 395 00 000

PILOT WA 96

Automatic extrusion gun with diaphragm.
Max. material pressure: 4 bar.
Nozzle size: 3 mm \varnothing .
Further nozzle sizes on request.

V 20 396 00 . . 3

PILOT Pinsel

Brush-type applicator for use with adhesive and other media.
Material supply: material pressure tank or pumping system.

with 11 mm hair brush
with 15 mm hair brush
with 16 mm hair brush
with 20 mm hair brush
with 40 mm hair brush

V 24 630 00 011

V 24 630 00 015

V 24 630 00 016

V 24 630 00 020

V 24 630 00 040

PILOT WG

with nozzle pipe 150 mm - slotted nozzle, bent version
with round nozzle, straight version

V 24 620 15 1 . .

V 24 620 15 0 . .



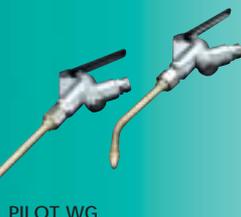
PILOT WA 95



PILOT WA 96



PILOT Pinsel



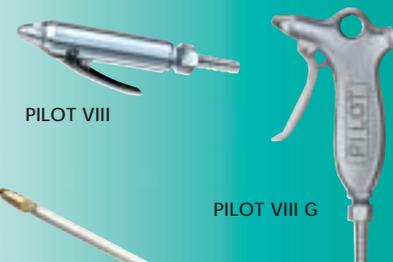
PILOT WG

Spezial spray guns

Model	Part No.
<p>PILOT IV EM <i>Spray gun for spraying viscous materials with 450 ccm gravity-feed cup.</i></p> <p>Round jet nozzle insert, sizes available: 1.5 / 2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 5.5 mm ø</p> <p>Rotary jet nozzle insert, sizes: 1.5 - 5.5 mm ø</p>	<p>V 11 411 51 . . 1</p> <p>V 11 411 21 . . 1</p>
<p>PILOT VIII <i>Air-blow gun</i> <i>Gun body: brass. Nozzle: brass, nickel-plated</i></p>	<p>V 10 850 00 000</p>
<p>PILOT VIII G <i>Air-blow gun</i> <i>Gun body: light alloy. Nozzle: brass, nickel-plated</i></p>	<p>V 10 831 00 000</p>
<p>PILOT IX <i>Spray gun for use with oil, petrol and kerosene mixes.</i> <i>Suspended 700 ccm plastic cup.</i> <i>Adjustable spray head.</i></p>	<p>V 10 874 00 010</p>
<p>PILOT Misch-N <i>Two-component spray gun</i></p>	<p>V 24 320 00 . . 3</p>
<p>PILOT SIL 22 <i>Mirror-silvering gun with 2 nozzles</i></p>	<p>V 24 233 51 . . 3</p>
<p>PILOT SIL 23 <i>Mirror-silvering gun with 3 nozzles</i></p>	<p>V 24 232 51 . . 3</p>
<p>PILOT SIL-M <i>Automatic mirror-silvering gun with two single spraying elements</i></p> <p><i>Automatic mirror-silvering gun with one single spraying element</i></p>	<p>V 36 073 03 003</p> <p>V 36 072 03 . . 3</p>
<p>PILOT WP <i>Water atomisation gun</i> Nozzle sizes available: 1.0 / 1.2 / 1.5 / 1.8 / 2.0 mm ø</p>	<p>V 24 602 00 0 . .</p>
<p>PILOT WS <i>Blast-cleaning gun</i> Nozzle sizes available: 5.0 / 6.0 / 7.0 mm ø</p>	<p>V 24 603 00 . . 2</p>
<p>PILOT II <i>Round jet spray gun with wooden handle and 350 ccm gravity-feed cup. Gun body: nickel-plated brass.</i></p> <p>Round jet nozzle insert, sizes available: 0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 3.5 mm ø</p>	<p>V 10 201 51 . . 3</p>



PILOT IV EM



PILOT VIII

PILOT VIII G



PILOT IX



PILOT Misch-N



PILOT SIL 22



PILOT WS



PILOT II

Spray gun accessories: extensions



The new generation of nozzle extensions is designed as a modular system. All parts are screwed together.

with round jet head

DV 10 - straight spraying

Inlet opening: ø 19 mm

DV 20 - sideways spraying 45°

Inlet opening: ø 19 mm

with round jet head

DV 70 - sideways spraying 90°

Inlet opening: ø 36 mm

DV 60 - sideways spraying 45°

Inlet opening: ø 48 mm

with round-to-wide jet head

DV 30 - straight spraying

Inlet opening: ø 34 mm

with round-to-wide jet head

DV 50 - sideways spraying 90°

Inlet opening: ø 52 mm

DV 40 - sideways spraying 45°

Inlet opening: ø 47 mm

with disc nozzle

DV 80 - internal mix

Inlet opening: ø 19 mm

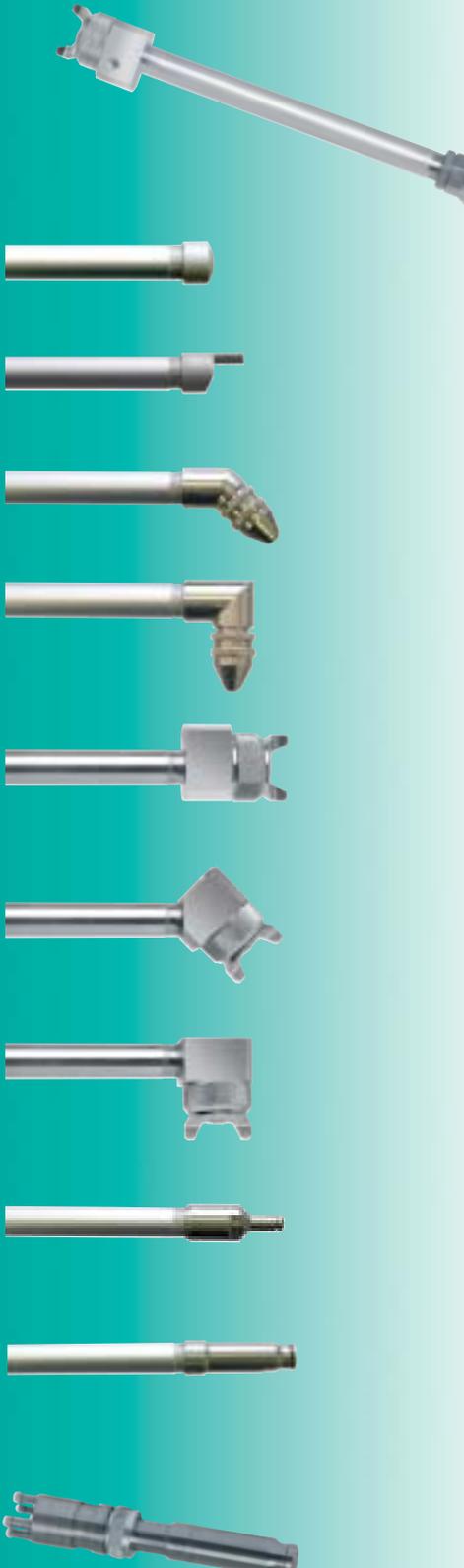
(only for use with spray guns linked up to pressure tanks or pumps)

with disc nozzle

DV 90 - internal mix

Inlet opening: ø 18 mm

*All wetted parts made of stainless steel.
(only for use with spray guns linked up to pressure tanks or pumps)*



PILOT WA 80 - automatic spray gun for internal spraying. See page 9.



Special extensions tubes (small external diameter, stainless steel version, etc.) available on request.

Extension tubes are specially manufactured to order and can not be supplied on a trial basis or returned.

Spray gun accessories: miscellaneous

Version	Part No.
Gravity-feed cups: size 0 = 50 ccm light alloy	V 00 130 00 000
size 1 = 100 ccm light alloy	V 00 130 00 010
size 1 = 125 ccm plastic, with sieve	V 00 130 00 200
size 2 = 250 ccm light alloy	V 00 130 00 020
size 3 = 350 ccm light alloy	V 00 130 00 030
size 4 = 450 ccm light alloy	V 00 130 00 040
size 4 = 450 ccm plastic	V 00 130 00 041
size 5 = 750 ccm light alloy	V 00 130 00 050
Asymmetric gravity-feed cup, size 4, plastic, with drip stop (for PILOT 90/PILOT 93-ND, Maxi/Vario)	V 00 150 00 000
Drip stop for plastic gravity-feed cup	V 00 150 04 000
Sieve for asymmetric gravity-feed cup	V 00 150 05 000
Syphon-feed cup, complete, 125 ccm, 1/4"	V 11 352 75 000
Syphon-feed cup, complete, 600 ccm, 1/4"	V 11 352 00 600
Syphon-feed cup, complete, 1,000 ccm, 3/8"	V 11 354 00 000
Suspended pressure-feed cup 800 ccm	V 11 352 70 000
Pressurized gravity-feed cup	V 00 138 00 000
Pressure tank 2 l, 2.5 bar	V 44 002 25 015
Cup sieve	V 94 210 66 001
Sieve for plastic gravity-feed cup size 1, 125 ccm	V 00 130 00 140
Material-feed container, volume 5 l, stainless steel	V 50 310 00 003
Material-feed container, volume 20 l, stainless steel	V 50 330 00 003
Material filter 1/4" stainless steel incl. sieve	V 33 153 00 003
Material filter 3/8" stainless steel incl. coarse sieve	V 33 152 00 003
Material filter 3/8" stainless steel incl. fine sieve	V 33 152 00 013
Swivel joint nipple 1/4"	V 00 001 02 005
Micrometic air control	V 35 120 00 000
Micrometic air control – new version	V 35 120 10 000
Material feed pipe for model I	V 10 107 10 000
Material feed pipe for model II, IV	V 11 407 00 000
Material feed pipe for model III F, material connection version	V 10 307 10 000
Material feed pipe for model XIII, stainless steel	V 11 307 00 000

PPS paint preparation system

Unique, closed paint system for speeding up, simplifying and improving paint preparation. Especially suitable for frequent colour changes.

Basis components:

- Adapter for WALTHER spray guns
- Reusable plastic mixing cup and plastic sealing ring
- Disposable plastic lid with integrated filter and plastic filter bag

PPS feed cup, approx. 0.7 l with screw ring

AFR 030 40 400

PPS Kits:

50 lids (filter 200µ) 50 filter bags and 25 sealing caps

AFR 030 40 401

50 lids (filter 125µ) 50 filter bags and 25 sealing caps

AFR 030 40 402

PPS stainless steel adapter for WALTHER manual spray guns

AFR 030 40 405

PPS stainless steel adapter for other brands available on request

AFR 030 40 41X



The WALTHER PILOT programme includes a wide range of attachments for automatic spray guns suitable for every application: clamping bolts, cross clamp attachments, angular clamp attachments, etc.

Also available: lifting devices for horizontal and vertical position alignment.

Nozzle inserts for manual spray guns

consisting of: air cap, material nozzle and material needle



Blank spaces in part no.:

Ex.: V 15 001 51 . . 4

If the desired nozzle size is known, please insert into blanks when placing orders.

Spray gun	Type	Part No.
PILOT I	Round jet nozzle insert Wide jet nozzle insert	V 15 001 51 . . 3 V 15 001 01 . . 3
PILOT II	Round jet nozzle insert	V 15 002 51 . . 3
PILOT III-F	Wide-to-round jet nozzle insert air head 4-/6-/or 2-hole	V 15 003 02 . . 1
PILOT III-F	Rotary jet nozzle insert with round jet head	V 15 003 21 . . 1
PILOT III-F	Rotary jet nozzle insert with wide jet head	V 15 003 33 . . 1
PILOT III-F	Dividing line nozzle insert	V 15 003 61 . . 2
PILOT III-K	Rotary jet nozzle insert with wide jet head	V 15 023 33 . . 1
PILOT III-F-MD	Wide-to-round jet nozzle insert, air head 8-hole	V 15 003 05 . . 1
PILOT IV + IV GM	Wide-to-round jet nozzle insert air head 4-/6-/or 2-hole	V 15 004 02 . . 1
PILOT IV-EM	Round jet nozzle insert	V 15 044 51 . . 1
PILOT IV-EMM	Rotary jet nozzle insert Dividing line nozzle insert	V 15 044 21 . . 1 V 15 054 61 . . 2
PILOT VII N/ VII BN / B5N	Round jet nozzle insert	V 15 007 51 . . 1
PILOT XIII PILOT XIII-N	Wide-to-round jet nozzle insert, Nozzle and needle: stainless specialty steel	V 15 013 03 . . 3 V 15 014 03 . . 3
PILOT Trend-HD PILOT Trend-MD	Wide-to-round jet nozzle insert "	V 15 060 03 . . 3 V 15 061 04 . . 3
Misch-N	Wide jet nozzle insert	V 15 019 02 . . 3
PILOT Mini-HD (gravity-feed cup) PILOT Mini-HD (material connection) PILOT Mini-MD (gravity-feed cup) PILOT Mini-MD (material connection)	Wide-to-round jet nozzle insert " " "	V 15 098 NA . . 3 V 15 152 NA . . 3 V 15 141 NA . . 3 V 15 142 NA . . 3
PILOT Rapid-HD PILOT Rapid-MD	Wide-to-round jet nozzle insert "	V 15 152 NA . . 3 V 15 142 NA . . 3
PILOT Maxi-HD (gravity-feed cup) PILOT Maxi-HD (material connection) PILOT Maxi-ND (gravity-feed cup) PILOT Maxi-ND (material connection) PILOT Maxi-MD (gravity-feed cup) PILOT Maxi-MD (material connection)	Wide-to-round jet nozzle insert " " " " "	V 15 613 03 . . 3 V 15 614 03 . . 3 V 15 633 04 . . 3 V 15 634 04 . . 3 V 15 615 04 . . 3 V 15 616 04 . . 3
PILOT Vario-HD (gravity-feed cup) PILOT Vario-HD (material connection) PILOT Vario-ND (gravity-feed cup) PILOT Vario-ND (material connection) PILOT Vario-MD (gravity-feed cup) PILOT Vario-MD (material connection)	Wide-to-round jet nozzle insert " " " " "	V 15 701 03 . . 3 V 15 703 03 . . 3 V 15 721 04 . . 3 V 15 722 04 . . 3 V 15 711 04 . . 3 V 15 712 04 . . 3

Nozzle inserts for automatic spray guns

Spray gun	Type	Part No.
WA 50	Wide jet nozzle insert	V 15 305 02 . . 3
	Round jet nozzle insert	V 15 305 51 . . 3
WA 100	Wide-to-round jet nozzle insert	V 15 310 02 . . 3
WA 400, 410, 450 WA 420-ND, 430-ND, 452-ND	Wide-to-round jet nozzle insert	V 15 400 06 . . 3
	Wide-to-round jet nozzle insert	V 15 420 03 . . 3
WA 500, 510 WA 520-ND, 530-ND	Wide-to-round jet nozzle insert	V 15 500 06 . . 3
	Wide-to-round jet nozzle insert	V 15 520 03 . . 3
WA 800	Wide-to-round jet nozzle insert	V 15 800 03 . . 3
	Round jet nozzle insert	V 15 120 51 . . 3
PILOT Signier	Wide jet nozzle insert	V 15 120 02 . . 3
	Round jet nozzle insert	V 15 121 51 . . 3
PILOT Domino	Wide jet nozzle insert:	
	two-hole air head, up to 1.5 mm	V 15 121 01 . . 3
	four-hole air head, up to 1.0 mm	V 15 121 02 . . 3
WA 600	Wide-to-round jet nozzle insert	V 15 600 02 . . 3
WA XV	Wide-to-round jet nozzle insert, Nozzle and needle stainless steel	V 15 115 03 . . 3
	manual pull-bar version	V 15 116 03 . . 3
	Dividing line nozzle	V 15 115 61 . . 2
WA XV-ND	Wide-to-round jet nozzle insert, Nozzle and needle stainless steel	V 15 117 03 . . 3

Repair kits for manual guns

for automatic guns

Spray gun	Part No.	Spray gun	Part No.
PILOT I PILOT II	V 16 001 51 . . 3	PILOT WA XV PILOT WA XV pull-bar PILOT WA XV-ND	V 16 115 03 . . 3
	V 16 002 51 . . 3		V 16 116 03 . . 3
PILOT III F PILOT III F-MD PILOT III K PILOT III 2-K	V 16 003 02 . . 1		PILOT WA 30
	V 16 003 05 . . 1	V 16 130 00 010	
	V 16 023 33 . . 1	PILOT WA 100	V 16 310 00 . . 3
	V 16 024 00 . . 3		V 16 330 51 . . 3
PILOT Rapid-HD PILOT Rapid-MD	V 16 152 NA . . 3	PILOT WA 200	V 16 400 06 . . 3
	V 16 142 NA . . 3		V 16 545 06 . . 3
PILOT Trend-HD PILOT Trend-MD	V 16 060 03 . . 3	PILOT WA 400 PILOT WA 410	V 16 420 03 . . 3
	V 16 061 04 . . 3		V 16 547 03 . . 3
PILOT Mini-HD - gravity-feed cup version - material connection version PILOT Mini-MD - gravity-feed cup version - material connection version	V 16 098 NA . . 3	PILOT WA 450	V 16 500 06 . . 3
	V 16 152 NA . . 3		V 16 520 03 . . 3
	V 16 141 NA . . 3	PILOT WA 420 PILOT WA 430	V 16 547 03 . . 3
	V 16 142 NA . . 3		V 16 500 06 . . 3
PILOT IV / IV GM	V 16 004 02 . . 1	PILOT WA 500 PILOT WA 510	V 16 520 03 . . 3
PILOT XIII PILOT XIII-N	V 16 013 03 . . 3		PILOT WA 520 PILOT WA 530
	V 16 014 03 . . 3	V 16 300 00 000	
PILOT Maxi-HD - gravity-feed cup version - material connection version PILOT Maxi-ND - gravity-feed cup version - material connection version PILOT Maxi-MD - gravity-feed cup version - material connection version	V 16 613 03 . . 3	PILOT WAA 300	V 16 120 51 . . 3
	V 16 614 03 . . 3		V 16 120 02 . . 3
	V 16 633 04 . . 3	PILOT Signier for round jet head PILOT Signier for wide jet head	V 16 357 00 000
	V 16 634 04 . . 3		V 16 600 02 . . 3
PILOT Vario-HD - gravity-feed cup version - material connection version PILOT Vario-ND - gravity-feed cup version - material connection version PILOT Vario-MD - gravity-feed cup version - material connection version	V 16 615 04 . . 3	PILOT Signier Membrane	V 16 800 06 . . 3
	V 16 616 04 . . 3		V 16 820 03 . . 3
	V 16 701 03 . . 3	PILOT WA 600	V 16 840 04 . . 3
	V 16 703 03 . . 3		V 16 800 06 . . 3
PILOT Vario-ND - gravity-feed cup version - material connection version PILOT Vario-MD - gravity-feed cup version - material connection version	V 16 721 04 . . 3	PILOT WA 800 HD PILOT WA 820 ND PILOT WA 840 MD	V 16 800 06 . . 3
	V 16 722 04 . . 3		V 16 820 03 . . 3
	V 16 711 04 . . 3		V 16 840 04 . . 3
	V 16 712 04 . . 3		

Standard spray-coating systems



The basic components of a standard spray-coating systems

1. Material pressure tank. The pressure tanks may be equipped with manually operated, air-powered or electric agitators.
2. Spray gun with connection to material pressure tank
3. Filter/pressure control unit type H2 with 2 air outlets
4. Air hose (2 m): filter/pressure control unit - pressure tank
5. Air hose (7 m): filter/pressure control unit - spray gun
6. Material hose (5 m): pressure tank - spray gun

Material filter with sieve (not included with systems for adhesive)

Special systems combinations can also be supplied. Please contact us for information.

High-pressure coating systems for lacquers, paints, primers

consisting of:

- pressure tank type MDG 22, galvanised, with manual agitator, for euro-containers up to 15 l
- material filter with sieve 100 mesh
- high-pressure spray gun PILOT Maxi-HD
- Filter/pressure control unit type H2
- 5 m set of hoses

or: with MDG 45, galvanised, 4 bar, manual agitator for euro-containers up to 30 litres

High-pressure coating systems for water-based materials

same as high-pressure coating systems for lacquers, paints, primers
but with MDG 22, stainless steel

or: with MDG 45, stainless steel

Medium-pressure coating systems for lacquers, paints, primers

same as high-pressure (MDG 22): but with medium-pressure spray gun PILOT Maxi-MD

or: with MDG 45, galvanised, 4 bar, manual agitator for euro-containers up to 30 litres

Medium-pressure coating systems for water-based materials

same as medium-pressure coating systems for lacquers, paints, primers
but with MDG 22, stainless steel

or: with MDG 45, stainless steel

Low-pressure coating systems for lacquers, paints, primers

same as high-pressure (MDG 22): but with low-pressure spray gun PILOT Maxi-MD

or: with MDG 45, galvanised, 4 bar, manual agitator for euro-containers up to 30 litres

Low-pressure coating systems for water-based materials

same as low-pressure coating systems for lacquers, paints, primers
but with MDG 22, stainless steel

or: with MDG 45, stainless steel

More systems are available on request.

Spray-coating systems for lightweight material pressure tanks

Spray-coating system for water-based or solvent-based materials

consisting of:

- lightweight material pressure tank type LDG 5 or 10, stainless steel, without agitator
- high-pressure spray gun PILOT Vario-HD Part No.: V 55 702 03 153

alternative:

Medium-pressure spray gun PILOT Vario-MD Part No.: V 55 712 04 153
HVLP-type spray gun PILOT-Vario-ND Part No.: V 55 722 04 153

- 5 m set of hoses

Optionally available:

- material filter with sieve 100 mesh
- manual agitator, air-powered agitator, electric agitator
- filter/pressure control unit type H2



Adhesive spraying systems for pressure tanks MDG

PILOT Klebond L (solvent-based adhesive)

consisting of:

- material pressure tank type MDG 22, galvanised, without agitator, for euro-containers up to 15 litres
- spray gun PILOT III K
- compressed air inlet fitting with an additional compressed air reduction valve for the spray gun
- 5 m set of hose

same as above, but with MDG 45, galvanised, 4 bar, without agitator, for euro-containers up to 30 litres



PILOT Klebond D (dispersion adhesive)

consisting of:

- material pressure tank type MDG 22, stainless steel, without agitator, for euro-containers up to 15 litres
- spray gun PILOT XIII-ND (PILOT Maxi-ND, PILOT Vario)
- compressed air inlet fitting with an additional compressed air reduction valve for the spray gun
- additional micrometer for extra-fine regulation
- 5 m set of hoses

same as above, but with MDG 45, stainless steel, 4 bar, without agitator, for euro-containers up to 30 litres

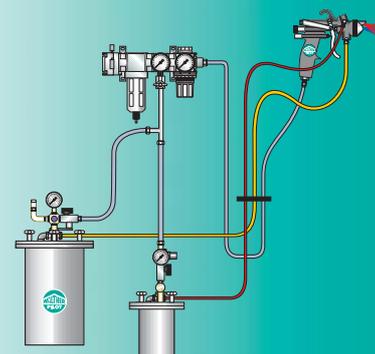


Application system for two-component PILOT Klebond 2-K

consisting of:

- material pressure tank type MDG 22, stainless steel, without agitator, for euro-containers up to 15 litres for component A
- material pressure tank type MDG 4, stainless steel for component B
- Spray gun PILOT III 2-K
- filter/pressure control unit type H2
- Set of hoses

Special systems combinations on request.



Adhesive spraying systems for pumps



Adhesive spraying system Pump for use with 200-litre barrels

Manual or automatic spray gun (PILOT III K or WA XV)
"Vesir" with fitted compressed air reduction valve
Hose set including all connection fittings



Adhesive spraying system with diaphragm pump (30-litre barrels and containers)

The adhesive transfer system with a diaphragm pump and a surge tank optimally suited for a spraying shear-sensitive materials. All wetted parts are made of stainless steel or plastic.

Manual or automatic spray gun (HVLP-Model)
Diaphragm pump Type MBP 8034 (polypropylene)
Surge suppressor
Compressed air unit Type A
Hose set

Application system for two-component water-based adhesive

The application system PILOT RatioMaster ensures constant mixing ratio accuracy. This constancy is crucial to the performance of the adhesive. The system - which is particularly easy to operate - is switched on by the activation of the spray gun.

consisting of:

PILOT RatioMaster 1 with connection to one spray gun
1 spray gun PILOT III 2-K
1 Compressed air unit H1
1 Set of hoses

Part No.: V 87 005 54 500

PILOT RatioMaster 2 with connection to two spray guns
see PILOT RatioMaster 1, but with 2 spray guns
and 2 sets of hoses

Part No.: V 87 005 54 600



PILOT RatioMaster

Spraying systems with material heating



PILOT IV HW

PILOT IV HW

Hot wax spraying system. The wax is carefully heated in the feed cup and applied with low spraying pressure. High coating capacity

Part No.: V 87 960 00 000

PILOT AIRTHERM

For spraying solvent-free and solvent-based coating materials. The heating of the atomising air is infinitely variable between 20 und 95 °C.

*High transfer efficiency.
Short drying times.*

Airtherm atomising air heat
hose length: 7.5 m.

Part No.: V 87 980 00 000

Airtherm atomising air heat
- with explosion protection
hose length: 7.5 m.

Part No.: V 87 981 00 000

- with explosion protection and
PILOT Maxi-ND (gravity-feed cup version)
hose length: 7.5 m.

Part No.: V 87 981 11 633

Optional accessory:
double universal joint for more freedom of motion

Part No.: V 00 001 04 000



PILOT AIRTHERM

Diaphragm pumps / Spray-coating systems

Diaphragm pump 2812

Sturdy, powerfull, reliable - highly versatile for all applications.

- Delivery rate: max. 28 l/min
- Fluid connection: 1/2"
- Pump ratio: 1:1
- Air input-pressure: max. 8 bar

Ball and ball seat in stainless steel, diaphragms TEFLON®-coated

Housing:	Conductive Polypropylene (PPc)	A 28 122 45 230
	Polypropylene (PP)	A 28 124 45 230
	Stainless steel (SS)	A 28 127 45 230

Diaphragm pump MBP 5212

Sturdy, powerfull, reliable - highly versatile for all applications.

- Delivery rate: max. 52 l/min
- Fluid connection: 1/2"
- Pump ratio: 1:1
- Air input-pressure: max. 8 bar

Ball and ball seat in stainless steel, diaphragms TEFLON®-coated. Other versions available on request.

Housing:	Aluminum (AL)	A 52 121 45 230
	Conductive Polypropylene (PPc)	A 52 122 45 230
	Polypropylene (PP)	A 52 124 45 230
	Ryton (PPS)	A 52 126 45 230
	Stainless steel (SS)	A 52 127 45 230

Diaphragm pump MBP 8034

Sturdy, powerfull, reliable - highly versatile for all applications.

- Delivery rate: max. 80 l/min
- Fluid connection: 3/4"
- Pump ratio: 1:1
- Air input-pressure: max. 8 bar

Ball and ball seat in stainless steel, diaphragms TEFLON®-coated. Other versions available on request.

Housing:	Aluminum (AL)	A 80 341 45 230
	Conductive Polypropylene (PPc)	A 80 342 45 230
	Polypropylene (PP)	A 80 344 45 230
	Ryton (PPS)	A 80 346 45 230
	Stainless steel (SS)	A 80 347 45 230

SprayPak A – Compact spraying unit with diaphragm pump MBP 5212

The pneumatically actuated filter pressure regulation ensures absolutely smooth material flow and an even spray pattern on all parts. The compact design saves spaces and guarantees simple and clear operation.

consisting of:

- Diaphragm pump type MBP 5212 at console
- three pressure adjustment valves with pressure gauge
- pneumatically actuated filter pressure regulation
- Suction set for 30 l wreath
- SET of hoses: air hose 7.5 m, material hose 7.5 m
- Spray gun PILOT Maxi (optional HP, MP or LP)

Part No. must be completed: x: support =1; trolley =2; wall bracket =4.

Housing:	Aluminum (AL)	A 52 121 45 21X
	Polypropylene (PP)	A 52 122 45 21X
	Stainless steel (SS)	A 52 127 45 21X

SprayPak B

Same as above, but with spray gun and without hoses.

Part No. must be completed: x: support =1; trolley =2; wall bracket =4.

Housing:	Aluminum (AL)	A 52 121 45 22X
	Conductive Polypropylene (PPc)	A 52 122 45 22X
	Stainless steel (SS)	A 52 127 45 22X



MBP 5212 aluminum

MBP 5212 PPc



MBP 5212 stainless steel



MBP 8034 aluminum



MBP 8034 PPc

PILOT SprayPak with wall bracket



PILOT SprayPak with trolley



Material pressure tanks

WALTHER PILOT material pressure tanks meet highest demands in terms of quality and product safety.



- ✓ Pressure Equipment Directive
- ✓ Chinese Safety Quality License

No Problem!

The Pressure Equipment Directive 97/23/EC regulates the design, approval and use of pressure vessels and other pressure equipment in all member states of the EU. As a leading manufacturer of pressure tanks, WALTHER PILOT has implemented the Pressure Equipment Directive over its entire product range. This applies not only to standard vessels but also to special or custom-made vessels.

The Conformity Assessment procedure chosen by us in compliance with Directive 97/23/EC ensures that we can react to special customer requests with a high level of flexibility.

Furthermore, we are certified to manufacture and approve pressure vessels in accordance with the Chinese regulations.



Vessel manufacturing also meets the strict requirements of the EN 9001 quality norm.



Components of a standard material pressure tank

- 1 Pipe to material outlet
- 2 Material outlet ball valve
- 3 Material inlet (MDG 12 and above)
- 4 Agitator (optional)
- 5 Air inlet fitting assembly complete with safety valve
- 6 Star grip screws (MDG 1, 2 and 3: wing screws)

Small material pressure tanks (stainless steel)



Type	Max. pressure	Version	Part No.
MDG 1	3 bar	without agitator	V 40 121 30 013
MDG 1	6 bar	without agitator	V 40 121 60 013
MDG 2	3 bar	without agitator	V 44 021 30 013
MDG 2	6 bar	without agitator	V 44 021 60 013
MDG 3	3 bar	without agitator with 1-litre-bottle for hazardous goods	V 44 131 30 013
MDG 3	6 bar	without agitator	V 44 131 60 013

Material pressure tanks (galvanised)

MDG 4 with air-powered agitator



Type	Max. pressure	Version	Part No.
MDG 4	4 bar	without agitator	V 40 251 40 012
		with manual agitator	V 40 251 40 112
		with air-powered agitator	V 40 251 40 212
<i>Stainless steel versions are available on request.</i>			
MDG 8	4 bar	without agitator	V 44 211 40 012
		with manual agitator	V 44 211 40 112
		with air-powered agitator	V 44 211 40 212
		with electric agitator	V 44 211 40 312
<i>Stainless steel versions are available on request.</i>			

Material pressure tanks (galvanised)

Type	Max. pressure	Version	Part No.
MDG 12	6 bar	without agitator	V 44 221 60 012
		with manual agitator	V 44 221 60 112
		with air-powered agitator	V 44 221 60 212
		with electric agitator	V 44 221 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 22	6 bar	without agitator	V 44 321 60 012
		with manual agitator	V 44 321 60 112
		with air-powered agitator	V 44 321 60 212
		with electric agitator	V 44 321 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 24	6 bar	without agitator	V 44 231 60 012
		with manual agitator	V 44 231 60 112
		with air-powered agitator	V 44 231 60 212
		with electric agitator	V 44 231 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 45	4 bar	without agitator	V 44 241 40 012
		with manual agitator	V 44 241 40 112
		with air-powered agitator	V 44 241 40 212
		with electric agitator	V 44 241 40 312
		<i>Stainless steel versions are available on request.</i>	
MDG 45	6 bar	without agitator	V 44 241 60 012
		with manual agitator	V 44 241 60 112
		with air-powered agitator	V 44 241 60 212
		with electric agitator	V 44 241 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 60	3 bar	without agitator	V 44 251 30 012
		with manual agitator	V 44 251 30 112
		with air-powered agitator	V 44 251 30 212
		with electric agitator	V 44 251 30 312
		<i>Stainless steel versions are available on request.</i>	
MDG 60	6 bar	without agitator	V 44 251 60 012
		with manual agitator	V 44 251 60 112
		with air-powered agitator	V 44 251 60 212
		with electric agitator	V 44 251 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 90	2 bar	without agitator	V 44 261 20 012
		with manual agitator	V 44 261 20 112
		with air-powered agitator	V 44 261 20 212
		with electric agitator	V 44 261 20 312
		<i>Stainless steel versions are available on request.</i>	
MDG 90	6 bar	without agitator	V 44 261 60 012
		with manual agitator	V 44 261 60 112
		with air-powered agitator	V 44 261 60 212
		with electric agitator	V 44 261 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 120	1.5 bar	without agitator	V 44 271 15 012
		with manual agitator	V 44 271 15 112
		with air-powered agitator	V 44 271 15 212
		with electric agitator	V 44 271 15 312
		<i>Stainless steel versions are available on request.</i>	
MDG 120	6 bar	without agitator	V 44 271 60 012
		with manual agitator	V 44 271 60 112
		with air-powered agitator	V 44 271 60 212
		with electric agitator	V 44 271 60 312
		<i>Stainless steel versions are available on request.</i>	
MDG 250	6 bar	without agitator	V 44 281 60 012
		with manual agitator	V 44 281 60 112
		with air-powered agitator	V 44 281 60 212
		with electric agitator	V 44 281 60 312
		<i>Stainless steel versions are available on request.</i>	



MDG12 with air-powered agitator



MDG 22



MDG 45



MDG 60 with electric agitator



MDG 250 with level indicator (accessory)

Lightweight material pressure tanks (stainless steel)



LDG 20 with electric agitator



LDG 5 with air-powered agitator

Type LDG

The thin-walled, lightweight tanks are made entirely of stainless steel (1.4571). The tanks can be opened easily and quickly through the hinged cross grip locks.

Type	Max. pressure	Version	Part No.
LDG 5	6 bar	without agitator	V 44 051 60 013
		with manual agitator	V 44 051 60 113
		with air-powered agitator	V 44 051 60 213
LDG 10	6 bar	without agitator	V 44 101 60 013
		with manual agitator	V 44 101 60 113
		with air-powered agitator	V 44 101 60 213
		with electric agitator	V 44 101 60 313
LDG 20	6 bar	without agitator	V 44 201 60 013
		with manual agitator	V 44 201 60 113
		with air-powered agitator	V 44 201 60 213
		with electric agitator	V 44 201 60 313

LDG 10

Inliner for LDG 5 and 10 (with upper material outlet)

Inliners effectively protect the inner walls of the tank against soiling. At the same time, they ensure that the entire volume of the tank can be used. Inliners are made of thin but very strong polypropylene. They can be used without difficulties for all common water-based and solvent-based materials. To prevent the discharge of electrostatic charge, the material is electrically conductive $\Omega < 10^6$. This guarantees maximum operating safety for the user.



Inliner for LDG 10

Package unit: 5 pieces

Part No.: V 43 001 00 000

Inliner for LDG 5

Package unit: 5 pieces

Part No.: V 43 000 50 000



All LDG 5 and LDG 10 pressure tanks (with upper material outlet) are supplied as standard with an integrated inliner.

Material pressure tanks - lightweight

MDG 5



MDG 5	6 bar	without agitator	V 55 801 21 013
MDG 10	6 bar	without agitator	V 55 810 21 013
MDG 19	6 bar	without agitator	V 55 821 21 013

Accessories

Insert bucket, stainless steel, for

LDG 5
LDG 10
LDG 20

V 43 000 50 013
V 43 001 00 013
V 43 002 00 013

Insert bucket, galvanised, for

MDG 12
MDG 22
MDG 24
MDG 45
MDG 60
MDG 90
MDG 120

V 43 001 20 002
V 43 002 20 002
V 43 002 40 002
V 43 004 50 002
V 43 006 00 002
V 43 009 00 002
V 43 012 00 002

Insert buckets in stainless steel are available on request.

Trolley, galvanised

MDG 12 und 24
MDG 22
MDG 45 und 60
MDG 90 und 120

V 43 102 40 000
V 43 102 20 000
V 43 104 50 000
V 43 109 00 000

Material filter stainless steel 3/8"
Material filter stainless steel 1/4"

Standard: 50 Mesh
Standard: 50 Mesh

V 33 238 05 003
V 33 214 05 003

Filter elements:

30 Mesh (green)
50 Mesh (white)
100 Mesh (yellow)
200 Mesh (red)

V 33 214 05 030
V 33 214 05 050
V 33 214 05 100
V 33 214 05 200



trolley



Fluid level indicators are available

A wide range of accessories, including level indicators, silicagel filter, agitators for special voltages / speeds, heating jackets, inspection glasses (also illuminated) etc., are available on request.

Lift for pressure tank covers

The new pneumatic lift is particularly useful when heavy parts such as agitators, level sensing equipment, etc. make manual lifting difficult. The lifting system also ensures that sensitive components (e.g. level sensors) are effectively protected against mishandling.

The lift is suitable for the following tank sizes:

- MDG 45
- MDG 60
(further tank sizes on request)



Agitators

Air-powered agitators

The agitators (0.36kW) are fully assembled and consist of a motor, gears, fitting for the tank lid, shaft and impeller. The speed and power can be easily regulated according to the viscosity. The oil-free air vane motor requires no lubrication. Their compact and space-saving design allows them to be used anywhere.

Agitator bores for use with potentially explosive materials are explosion-protected in accordance with 94/9/EC (ATEX) and approved for use in Zones 0 and 1.



Electric agitators

The agitators are fully assembled and consist of a gear motor, clutch, fitting for the tank lid, shaft and impeller.

Agitator bores for use with potentially explosive materials are explosion-protected in accordance with 94/9/EC (ATEX) and approved for use in Zones 0 and 1.

Various power categories are available:

0,12 kW 0,37 kW
0,18 kW 0,55 kW
0,25 kW 0,75 kW



Magnetic agitators

WALTHER PILOT also supplies agitators with a magnetic clutch for hermetic sealing. The agitators are certified in accordance with 94/9/EC (ATEX) and certified for use in Zone 0/1.

WALTHER PILOT also supplies a wide range of non-explosion-protected agitators. Special agitators in various power categories are also available.

Mixing tanks



Mixing tank FMB 35



Mixing tank in electropolished design with electric agitator



FMB-application with circulation system

Model		Part No.
WALTHER Mixing tanks type FMB galvanised		
<i>Tank with sloping base, 1 lower outlet without stopcock, lid with 1/3 opening, with leather seal. Lid without additional screw threads or cut-outs.</i>		
FMB 35	without agitator	V 60 003 50 002
FMB 35	with electric agitator 0.12 kW	V 60 003 53 002
FMB 60	without agitator	V 60 006 00 002
FMB 60	with electric agitator 0.12 kW	V 60 006 03 002
FMB 125	without agitator	V 60 012 50 002
FMB 125	with electric agitator 0.37 kW	V 60 012 53 002
FMB 250	without agitator	V 60 025 00 002
FMB 250	with electric agitator 0.55 kW	V 60 025 03 002
FMB 350	without agitator	V 60 035 00 002
FMB 350	with electric agitator 0.55 kW	V 60 035 03 002
FMB 500	without agitator	V 60 050 00 002
FMB 500	with electric agitator 0.75 kW	V 60 050 03 002

WALTHER Mixing tanks type FMB stainless steel 1.4301 pickled

Tank with sloping base, 1 lower outlet without stopcock, lid with 1/3 opening, with leather seal. Lid without additional screw threads or cut-outs.

FMB 35	without agitator	V 60 003 50 003
FMB 35	with electric agitator 0.12 kW	V 60 003 53 003
FMB 60	without agitator	V 60 006 00 003
FMB 60	with electric agitator 0.12 kW	V 60 006 03 003
FMB 125	without agitator	V 60 012 50 003
FMB 125	with electric agitator 0.37 kW	V 60 012 53 003
FMB 250	without agitator	V 60 025 00 003
FMB 250	with electric agitator 0.55 kW	V 60 025 03 003
FMB 350	without agitator	V 60 035 00 003
FMB 350	with electric agitator 0.55 kW	V 60 035 03 003
FMB 500	without agitator	V 60 050 00 003
FMB 500	with electric agitator 0.75 kW	V 60 050 03 003

Pneumatic lifts for drum covers

Double-acting pneumatic lifting cylinder with footplate, chromium-plated piston rod and flow control valve outlet regulators, piston rod traverse with anti-torsion locking rod and location borings for drum lid support arm, lid support arm with three-point lid holder, 5/3-way valve with plug-type screw connection and silencers.



Lift for drum cover

Type PHV 550	for 30-litre container stroke 550 mm, max. stroke load 50 kg	AE 400550000
Type PHV 700	for 60-litre container stroke 700 mm, max. stroke load 75 kg	AE 400700000
Type PHV 1000	for 200-litre container stroke 1.000 mm, max. stroke load 75 kg	AE 401000000

Accessories, e.g. lid blank, drum adjustment stop, available on request.

Piston pumps / low-pressure pumps

Model	Version
PILOT Vesir low-pressure piston pumps	
<i>Available versions:</i> <i>PILOT Vesir N (all wetted parts in normal steel)</i> <i>PILOT Vesir R (all wetted parts in stainless steel)</i>	
Amount supplied per double stroke: 200 ccm	
Vesir 200.01 N Pressure ratio: 1 : 1	short version long version
Vesir 200.01 R Pressure ratio: 1 : 1	short version long version
Amount supplied per double stroke: 100 ccm	
Vesir 100.02 N Pressure ratio: 2 : 1	short version long version
Vesir 100.02 R Pressure ratio: 2 : 1	short version long version
PILOT Vesir low-pressure pumps	
<i>Available versions:</i> <i>PILOT Vesir N (all wetted parts in normal steel)</i> <i>PILOT Vesir R (all wetted parts in stainless steel)</i>	
Amount supplied per double stroke: 150 ccm	
Vesir 150.03,5 N Pressure ratio: 3.5 : 1	short version long version
Vesir 150.03,5 R Pressure ratio: 3.5 : 1	short version long version
Vesir 150.05,5 N Pressure ratio: 5.5 : 1	short version long version
Vesir 150.05,5 R Pressure ratio: 5.5 : 1	short version long version
Vesir 150.08 N Pressure ratio: 8 : 1	short version long version
Vesir 150.08 R Pressure ratio: 8 : 1	short version long version
Vesir 150.015,5 N Pressure ratio: 15 : 1	short version long version
Vesir 150.015,5 R Pressure ratio: 15 : 1	short version long version
Amount supplied per double stroke: 375 ccm	
Vesir 375.03 N Pressure ratio: 3 : 1	short version
Vesir 375.03 R Pressure ratio: 3 : 1	short version
Vesir 375.05 N Pressure ratio: 5 : 1	short version
Vesir 375.05 R Pressure ratio: 5 : 1	short version
Vesir 375.09,5 N Pressure ratio: 9.5 : 1	short version
Vesir 375.09,5 R Pressure ratio: 9.5 : 1	short version
Amount supplied per double stroke: 600 ccm	
Vesir 600.03 N Pressure ratio: 3 : 1	short version
Vesir 600.03 RS Pressure ratio: 3 : 1	short version
Vesir 600.06 N Pressure ratio: 6 : 1	short version
Vesir 600.06 R Pressure ratio: 6 : 1	short version
Vesir 600.12 N Pressure ratio: 12 : 1	short version
Vesir 600.12 R Pressure ratio: 12 : 1	short version



Piston pumps - long and short version



Complete installations with pneumatic lift, pumps and agitators are available

Airless – air-assisted airless equipment

PILOT Gordon

Small equipment - great efficiency

Available versions:

PILOT Gordon N (all wetted parts in normal steel)

PILOT Gordon R (all wetted parts in stainless steel)

PILOT Gordon RS (all wetted parts in acid-resistant stainless steel)

Includes: High-pressure pump fully mounted on frame, high-pressure filter with standard sieve including a reducing valve, pressure regulation unit, safety valve, direct air inlet connection with suction sieve or feed tank with material sieve.

High-pressure hose and spray gun are not included in the price.



PILOT Gordon with wall bracket and with tank



PILOT Gordon with tripod

Model	Version
Airless equipment	
Gordon 3033 N Amount supplied per double stroke: 14 ccm Pressure ratio: 33 : 1	with tank with tripod with trolley with feed tank
Gordon 3033 R Amount supplied per double stroke: 14 ccm Pressure ratio: 33 : 1	with tank
Gordon 3033 RS Amount supplied per double stroke: 14 ccm Pressure ratio: 33 : 1	with tripod with trolley with feed tank with wall bracket
Gordon 4233 N Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tank with tripod with trolley with feed tank with wall bracket
Gordon 4233 R Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tank
Gordon 4233 RS Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tripod with trolley with feed tank with wall bracket
Air-assisted airless equipment*	
Gordon 4233 N Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tank with tripod with trolley with feed tank with wall bracket
Gordon 4233 R Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tank
Gordon 4233 RS Amount supplied per double stroke: 27 ccm Pressure ratio: 32 : 1	with tripod with trolley with feed tank with wall bracket

* Included in delivery: Set of hoses 7.5 m, but without spray gun.

Airless – air-assisted airless equipment

PILOT Bestwin

The standard for crafts and industry

These high-performance units allow you to pump almost any spraying medium.

The equipment is also suitable for thermal spraying.

Available versions:

PILOT Bestwin N (all wetted part in normal steel)

PILOT Bestwin R (all wetted parts in stainless steel)

PILOT Bestwin RS (all wetted parts in acid-resistant stainless steel)

Includes: High-pressure tank completely mounted on stand, high pressure filter with standard sieve, including a reducing valve, pressure regulation unit, safety valve, direct air inlet connection with suction valve or a feed tank connection with material valve.

High-pressure hose and spray gun are not included in the price.

Model	Version
Bestwin 6530 N Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 6530 R Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 6530 RS Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 6552 N Max. capacity 6.5 l / min. Pressure ratio 52 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 6552 R Max. capacity 6.5 l / min. Pressure ratio 52 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 6552 RS Max. capacity 6.5 l / min. Pressure ratio 52 : 1	with tripod with trolley with feed tank with wall bracket
Bestwin 11018 N Max. capacity 11.0 l / min. Pressure ratio 18 : 1	with tripod with trolley with wall bracket
Bestwin 11018 R Max. capacity 11.0 l / min. Pressure ratio 18 : 1	with tripod with trolley with wall bracket
Bestwin 11018 RS Max. capacity 11.0 l / min. Pressure ratio 18 : 1	with tripod with trolley with wall bracket
Bestwin 11032 N Max. capacity 11.0 l / min. Pressure ratio 32 : 1	with tripod with trolley with wall bracket
Bestwin 11032 R Max. capacity 11.0 l / min. Pressure ratio 32 : 1	with tripod with trolley with wall bracket
Bestwin 11032 RS Max. capacity 11.0 l / min. Pressure ratio 32 : 1	with tripod with trolley with wall bracket



PILOT Bestwin with trolley



PILOT Gordon or Bestwin – both models as pumps only are available on request.



Material heater (3.5 kW) for thermal spraying operation:
operating pressure: 0 - 450 bar.
Two versions
• 230 V
• 380 V

Airless – air-assisted airless equipment



PILOT Bestwin – mobile version for air-assisted airless

Model	Version
Air-assisted airless equipment*	
Bestwin 6530 N Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with wall bracket
Bestwin 6530 R Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with wall bracket
Bestwin 6530 RS Max. capacity 6.5 l / min. Pressure ratio 30 : 1	with tripod with trolley with wall bracket

* Included: Set of hoses 7.5 m, but without spray gun
More Bestwin equipment for air-assisted airless on request.
Bestwin equipment with material heater on request.

PILOT Wodan

These units are designed for robust industrial operations and allow easy pumping of high-viscosity material such as anti-corrosion products.

The PILOT Wodan is also the optimum choice for use with extra-long hoses.

Available versions: PILOT Wodan N (all wetted parts in normal steel)
PILOT Wodan R (all wetted parts in stainless steel)

Includes: High-pressure tank completely mounted on stand, high pressure filter with standard sieve, including a reducing valve, pressure regulation unit, safety valve, direct air inlet connection with suction valve or a feed tank connection with material valve. High-pressure hose and spray gun not included in the price.



PILOT Wodan with trolley

Wodan 24026 N Max. capacity 24.00 l / min. Pressure ratio 26 : 1	with trolley with wall bracket
Wodan 24026 R Max. capacity 24.00 l / min. Pressure ratio 26 : 1	with trolley with wall bracket
Wodan 24053 N Max. capacity 24.00 l / min. Pressure ratio 53 : 1	with trolley with wall bracket with lifting trolley
Wodan 24053 R Max. capacity 24.00 l / min. Pressure ratio 53 : 1	with trolley with wall bracket with lifting trolley
Wodan 24071 N Max. capacity 24.00 l / min. Pressure ratio 71 : 1	with trolley with wall bracket with lifting trolley
Wodan 24071 R Max. capacity 24.00 l / min. Pressure ratio 71 : 1	with trolley with wall bracket with lifting trolley
Wodan 28023 N Max. capacity 28.00 l / min. Pressure ratio 23 : 1	with trolley with wall bracket
Wodan 28023 R Max. capacity 28.00 l / min. Pressure ratio 23 : 1	with trolley with wall bracket
Wodan 28048 N Max. capacity 28.00 l / min. Pressure ratio 48 : 1	with trolley with wall bracket with lifting trolley
Wodan 28048 R Max. capacity 28.00 l / min. Pressure ratio 48 : 1	with trolley with wall bracket with lifting trolley
Wodan 28064 N Max. capacity 28.00 l / min. Pressure ratio 64 : 1	with trolley with wall bracket with lifting trolley

Airless – air-assisted airless equipment

Model	Version
PILOT Wodan	
Wodan 28064 R Max. capacity 28.00 l / min. Pressure ratio 64 : 1	with trolley with wall bracket with lifting trolley
Wodan 38032 N Max. capacity 38.00 l / min. Pressure ratio 32 : 1	with trolley with wall bracket with lifting trolley
Wodan 38032 R Max. capacity 38.00 l / min. Pressure ratio 32 : 1	with trolley with wall bracket with lifting trolley
Wodan 38042 N Max. capacity 38.00 l / min. Pressure ratio 42 : 1	with trolley with wall bracket with lifting trolley
Wodan 38042 R Max. capacity 38.00 l / min. Pressure ratio 42 : 1	with trolley with wall bracket with lifting trolley
Wodan 44024 N Max. capacity 44.00 l / min. Pressure ratio 24 : 1	with trolley with wall bracket with lifting trolley
Wodan 44024 R Max. capacity 44.00 l / min. Pressure ratio 24 : 1	with trolley with wall bracket with lifting trolley
Wodan 44032 N Max. capacity 44.00 l / min. Pressure ratio 32 : 1	with trolley with wall bracket with lifting trolley
Wodan 44032 R Max. capacity 44.00 l / min. Pressure ratio 32 : 1	with trolley with wall bracket with lifting trolley



PILOT Wodan or Praetor – both models as pumps only are available on request.

PILOT Praetor

Suitable for high-viscosity or very high-viscosity coating materials, with high pumping rates. Permits the use of several spray guns even with long hose lengths.

Available version: PILOT Wodan R (all wetted parts in stainless steel)

Includes: High-pressure tank completely mounted on stand, high pressure filter with standard sieve, including a reducing valve, pressure regulation unit, safety valve, direct air inlet connection with suction valve or a feed tank connection with material valve. High-pressure hose and spray gun not included in the price.

Model	Version
Praetor 35061 R Max. capacity 35.00 l / min. Pressure ratio 61 : 1	with trolley with wall bracket with lifting trolley
Praetor 35075 R Max. capacity 35.00 l / min. Pressure ratio 75 : 1	with trolley with wall bracket with lifting trolley
Praetor 48046 R Max. capacity 48 l / min. Pressure ratio 46 : 1	with trolley with wall bracket with lifting trolley
Praetor 48057 R Max. capacity 48 l / min. Pressure ratio 57 : 1	with trolley with wall bracket with lifting trolley
Praetor 60028 R Max. capacity 60 l / min. Pressure ratio 28 : 1	with trolley with wall bracket with lifting trolley
Praetor 60036 R Max. capacity 60 l / min. Pressure ratio 36 : 1	with trolley with wall bracket with lifting trolley



PILOT-Praetor with lifting trolley

Accessories



Air-powered agitator



Air-powered agitator for use with small-size containers



HP air-powered agitator for use with small-size containers



Air hoses



Material hoses



High-pressure nylon material hoses



High-pressure PTFE material hoses

Agitators

Air-powered agitator (stainless steel) with two handholds

V 46 322 00 100

Air-powered agitator shaft and blade made of stainless steel, especially suitable for 30 l Euro-containers

V 46 322 00 200

Air-powered paint mixing agitator with gear motor, Speed adjustable between 0 and 140 1/min. With swivelling and height adjustable stand, shaft and propeller made of stainless steel, especially suitable for 30-litre Euro drums

V 46 322 00 210

Air-powered agitator (stainless steel) for use with small-size containers with shaft 330 mm
with shaft 440 mm
with shaft 550 mm

V 46 060 00 000
V 46 060 00 002
V 46 060 00 001

HP air-powered agitator for use with small-size containers with stand; shaft 440 mm
without stand; shaft 440 mm
with stand; shaft 550 mm
without stand; shaft 550 mm

V 46 504 44 013
V 46 504 44 003
V 46 504 55 013
V 46 504 55 003

Hoses / Hose accessories

Pressure air hose, inside \varnothing 8 mm, electroconductive, per metre

V 20 008 30 144

Air hose blue PU 6 per metre
Air hose blue PU 4 per metre
Air hose blue PU 3 per metre

V 66 100 09 159
V 66 100 06 204
V 66 100 05 732

Material hose, inner \varnothing 8 mm, per metre
Material hose, FEP, inner \varnothing 6 mm, per metre
Material hose, FEP, inner \varnothing 8 mm, per metre

V 20 009 35 644
V 20 006 32 100
V 20 008 32 100

TEFLON® hose, inner \varnothing 4 mm, per metre
TEFLON® hose, inner \varnothing 6 mm, per metre
TEFLON® hose, inner \varnothing 8 mm, per metre

V 20 064 00 000
V 20 086 00 000
V 20 010 80 000

Hoses for adhesive:

Polyamide hose, inner \varnothing 6 mm, per metre
Polyamide hose, inner \varnothing 8 mm, per metre

V 08 040 00 008
V 08 041 00 010

Hose clip 9/11 for hose 08-041
Hose clip 13/15 for air hose
Hose clip 15/18 for air hose
Hose clip 17/20 for material hose

V 70 091 10 000
V 70 131 50 000
V 70 151 80 000
V 70 172 00 000

High-pressure hoses:

Nylon hoses, inner \varnothing 3 mm - 12.7 mm
PTFE hoses, inner \varnothing 6 mm - 9

on request
on request

	Part No.
Air filtration/pressure regulation	
Air filter/pressure control unit type A, for automatic spray gun, pressure tank or pump	V 33 375 00 000
Air filter/pressure control unit type A	V 33 375 00 001
Air filter/pressure control unit type H2, for manual spray gun, pressure tank or pump	V 33 375 00 010
Air filter/pressure control unit type H1, for manual spray gun with cup	V 33 375 00 020
Lubricator 1/2"	V 33 375 01 000
Manifold block 1/2" with 3 ball valves connecting up to 3 spray guns to an air filter/pressure control units	V 33 375 03 003
Shutoff valve 1/2" for air filter/pressure control units	V 33 375 09 000
Clamping set	V 33 375 05 000
Couplings for compressed air / nipple on request Compressors	on request
Thread plug nipple 1/4" (only be in line with EWO-coupling)	V 00 001 05 000
PILOT colour change system <i>in modular design for any number of colours, with flushing valve Max. material pressure 350 bar</i>	on request
Metering valve PILOT WA 30 <i>aperture 5.0 mm Max material pressure: 100 bar</i>	V 20 901 00 000 V 20 902 00 000
same as above, but spray gun body in stainless steel	
Miscellaneous parts	
Flow cup DIN 53211 / ISO 2421	V 35 000 30 000
DIN immersion-type viscosity cup 4 mm	V 35 000 20 000
DIN immersion-type viscosity cup 6 mm	V 35 000 20 001
Funnel with strainer	V 33 999 00 000
Strainer for flow cup, plastic	V 00 150 05 000
Folding filter with nylon fabric insert, mesh width 0.21mm, pack of 100 filters	AFR 030 40 300
Nipple 3/8"	V 71 030 05 138
Material coupling 3/8"	V 71 030 05 000
Shut-off valve G 1/4" with external thread on both sides	V 03 200 20 000
Shut-off valve G 3/8" with external thread on both sides	V 03 200 00 000
Spray gun holder for gravity-feed cup gun	W 15 000 00 033



Air filter/pressure control unit type A



Air filter/pressure control unit type H 2



Air filter/pressure control unit type H 1
right side: with manifold block

Colour change system
for 4 colours and
flushing valve



Metering valve PILOT WA 30



Material coupling

Nipple



Mask 250, together with combination filter A1/P2

Respiratory protection

Pilot 250 respiratory protection, without filter

Pilot 550 special protection hood

Combination filter A1/P2 for masks 250 and 550

Dust protection mask Pilot 10 FFP2,
pack of 20 masks

Dust protection mask Pilot 20 FFP3 with exhalation valve,
pack of 5 masks

Part No.

V 77 250 00 000

V 77 550 00 000

V 77 250 00 100

AFR 010 30 100

AFR 010 30 200



Half-mask

Disposable half-mask with double filter

Ultra-lightweight complete mask, for protection from gases, vapours and particles. Easy handling.

AFR 010 50 100



Air hoods
Pilot 600

Air hoods with compressed air input

Pilot 600 air hood, for compressed air supply

Activated carbon filter unit for Pilot 600

V 77 600 00 000

V 77 200 00 100



ProFlow 2 Ex Scott

Fan-type powered-air respirator mask

Powered-air respirator for working in tight or confined spaces. The mask feature excellent sealling, high wearing comfort and a generous field of vision With combination filters for gases, vapours and particles.

Powered-air respirator mask 3M „Jupiter“
with 8-hour rechargeable battery and filter

Powered-air respirator Scott „ProFlow 2 Ex“, complete

Powered-air respirator Scott „ProFlow 2“, complete

AFR 010 10 100

AFR 010 10 300

AFR 010 10 310

Protective overall
„Allround“



Protective overalls and gloves

Protective overalls „Allround“, white, size „L / XL / XXL / XXXL“

Protective overall „Lucky“, white/grey, size „L / XL / XXL / XXXL“

Protective gloves „Leon“, coated, yellow

AFR 010 20 100

AFR 010 20 200

AFR 010 40 100

Cleaning systems

	Part No.	
<h2>Distillation units</h2> <p><i>Ideally suited for the recycling of used solvents</i></p>		
Distillation unit D12; 12 l volume, cooler: cooper	GD 012 A0 0000	 <p>Distillation unit D12</p>
Distillation unit D12; 12 l volume, cooler: stainless steel	GD 012 AX 0000	
Distillation unit D25; 25 l volume, cooler: cooper	GD 025 A0 0000	
Distillation unit D25; 25 l volume, cooler: stainless steel	GD 025 AX 0000	
Distillation unit D60; 60 l volume, cooler: stainless steel	GD 060 AX 0000	
Distillation unit D120; 120 l volume, cooler: stainless steel	GD 120 AX 0000	
Further sizes on request.		
<h2>Strippable coating</h2>		
Strippable coating, white, water-based, 10 litres	AFR 030 10 101	 <p>Dust-Control</p>  <p>Protective sheeting</p>  <p>Cleaning set „Airless“</p>  <p>Thread protectors</p>  <p>Protective stopper</p>
Strippable coating, white, water-based, 20 litres	AFR 030 10 102	
Strippable coating, transparent, water-based, 5 litres	AFR 030 10 201	
Strippable coating, transparent, water-based, 10 litres	AFR 030 10 202	
Strippable floor coating, white, water-based, 20 litres	AFR 030 10 300	
Dust Control, green, water-based, 5 litres	AFR 030 20 100	
<i>for application on the floor only.</i>		
Dust control coating, 10 litres, water-based	AFR 030 10 310	
Dust control coating, 25 litres, water-based	AFR 030 10 325	
<i>Binds airborne dust particles and spray mist.</i>		
<i>For application on walls, doors and lamps in the spray booth.</i>		
Protective sheeting 1.4 x 33 m	AFR 030 40 100	
<h2>Cleaning sets for spray guns:</h2>		
„Airless“ (for 5 different sizes), comprising 2 nylon brushes, nylon brushes with fine brush, 12 cleaning needles	AFR 030 40 201	
„Conventional“, comprising 2 nylon brushes, nylon brushes with fine brush, brush for nozzle and air cap	AFR 030 40 200	
Tack cloth	V 94 210 66 002	
Protective stopper for internal threads and bores, material LDPE, sizes 1/8" - 1 1/2"	on request	
Thread protectors for external threads, material LDPE, sizes 1/8" - 1 1/2"	on request	
Colad-mixing cup 350 ml, with scale	AFR 030 40 301	
Colad-mixing cup 700 ml, with scale	AFR 030 40 302	
Wide mouth bottle, plastic HDPE 0.5 litres	AFR 030 10 005	
Wide mouth bottle, plastic HDPE 1.0 litres	AFR 030 10 010	

Complete material supply systems



Custom-made material supply systems designed by us

We install all the components required, such as mixing tanks, pumps, agitators, level monitoring equipment and ring circuits.

Simply contact our sales representatives for individual consultation.



For pumping liquid materials, in particular paints, laquers, oil, adhesives and separating agents, WALTHER PILOT supplies drum cover fittings that offer a perfect fit and excellent operational safety. The lift for drum covers, which are available for all standard drum sizes, are torsion-resistant and designed to withstand the highest loads. Agitator, pumps or level measuring equipment, etc. can be integrated without difficulty.



We also supply two-column installations and pumping equipment for viscous materials such as sealants, adhesives, printing inks, mastics and lubricants.

The extrusion pumps are available with various pump ratios.

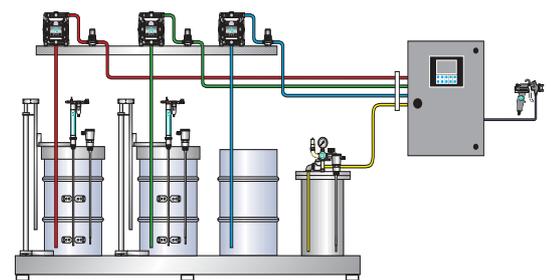
Multi-component dosing systems

Electronic systems:

Electronically controlled systems offer maximum accuracy for the mixing ratio. This ensures maximum reliability and optimum product quality.



Intellimix 3:
Electronically controlled
two-component dosing system



Left:
Two-component system for
solvent-based materials

Cabinet for enclosure
of a two-component
system.



Spray booths

The WALTHER PILOT product range includes spray tables, spray panels and spray booths with dry filtration or water-wash function. Combined spraying and drying booths are also available.

WALTHER PILOT supplies the ideal system for all common spraying media (paint, varnish, adhesive, ceramic glaze, separation agent): user friendly, as a standard or specially designed solution and with accessories that are perfectly matched to the requirements of the job in hand.

The systems are manufactured on our own state-of-the-art machines. You can be sure that all health and safety regulations are fully complied with.

The standard spray booths range:

Dry filtration systems:

- PILOT Unit mobile spray box
- PILOT 700 small spray tables
- PILOT 77 small spray tables
- PILOT 900 series spray panels in modular design
- 90 K series spray booths
- 90 W and WS series spray panels

Water-wash systems:

- Type 5658 spray booths
- Type 5950 and 5990 spray booths
- Type 6022 and 6850 spray booths
- TWIN 2200 paint sludge remover

Combined spraying and drying booths

A wide range of standard and special sizes (modular principle) provides complete solutions for all requirement profiles.

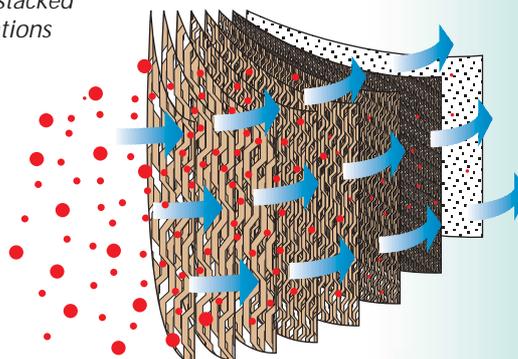
Please ask for your special brochure.

Filter systems for spraying equipment with dry filtration

In addition to the usual paintstop mats, WALTHER PILOT also supplies multi-layer filter mats. These consist of stacked paper filter layers with a large number of perforations to allow the exit air to pass through.

Advantages:

- Optimum filtration properties
- Long service life
- No need for pre-filter plates



The WALTHER PILOT product range also includes: ovens, ventilation systems, pipe systems.



Small spray table
Typ 700



PILOT Unit mobile spray box



90 WS series spray panels



Water-wash spray booths

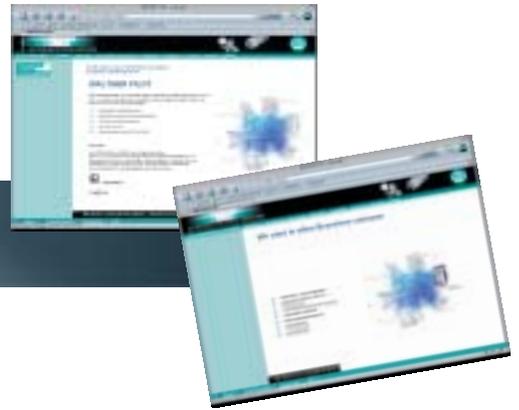


Combined spraying and drying booths
PILOT TRENDLINE

WALTHER PILOT

Always up-to-date:
the WALTHER PILOT website

www.walther-pilot.de



WALTHER PILOT – the Systematic Product Range



Spraying technology

- Manual spray guns
- Automatic spray guns
- Airless equipment
- Electrostatic spray guns

Tanks and material supply systems

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

Multi-component technology

- Mechanical mixing and dosing systems
- Electronically controlled mixing and dosing systems

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

Filter technology

- Multi-layer paper filters
- Labyrinth filter
- Glass fibre filter mats
- Andreae filters
- Bag filters

Dryers

- Chamber dryers
- Continuous dryers

Environmental protection

- Spray gun cleaning equipment
- Solvent distillation systems

Safety at work

- Filter technology
- Cleaning technology

Compressed air supply

- Air filters/regulators

Dot-matrix systems

- Alphanumerical marking
- Marking systems

Complete range of accessories



Die Beschichtungs-Experten

www.walther-pilot.de



WALTHER Spritz- und Lackiersysteme GmbH · Kärtner Str. 18-30 · D-42327 Wuppertal · Postfach 11 06 41 · D-42306 Wuppertal
Tel. D-(0) 202 / 787-0 · Fax D-(0) 202 787-217 · info@walther-pilot.de