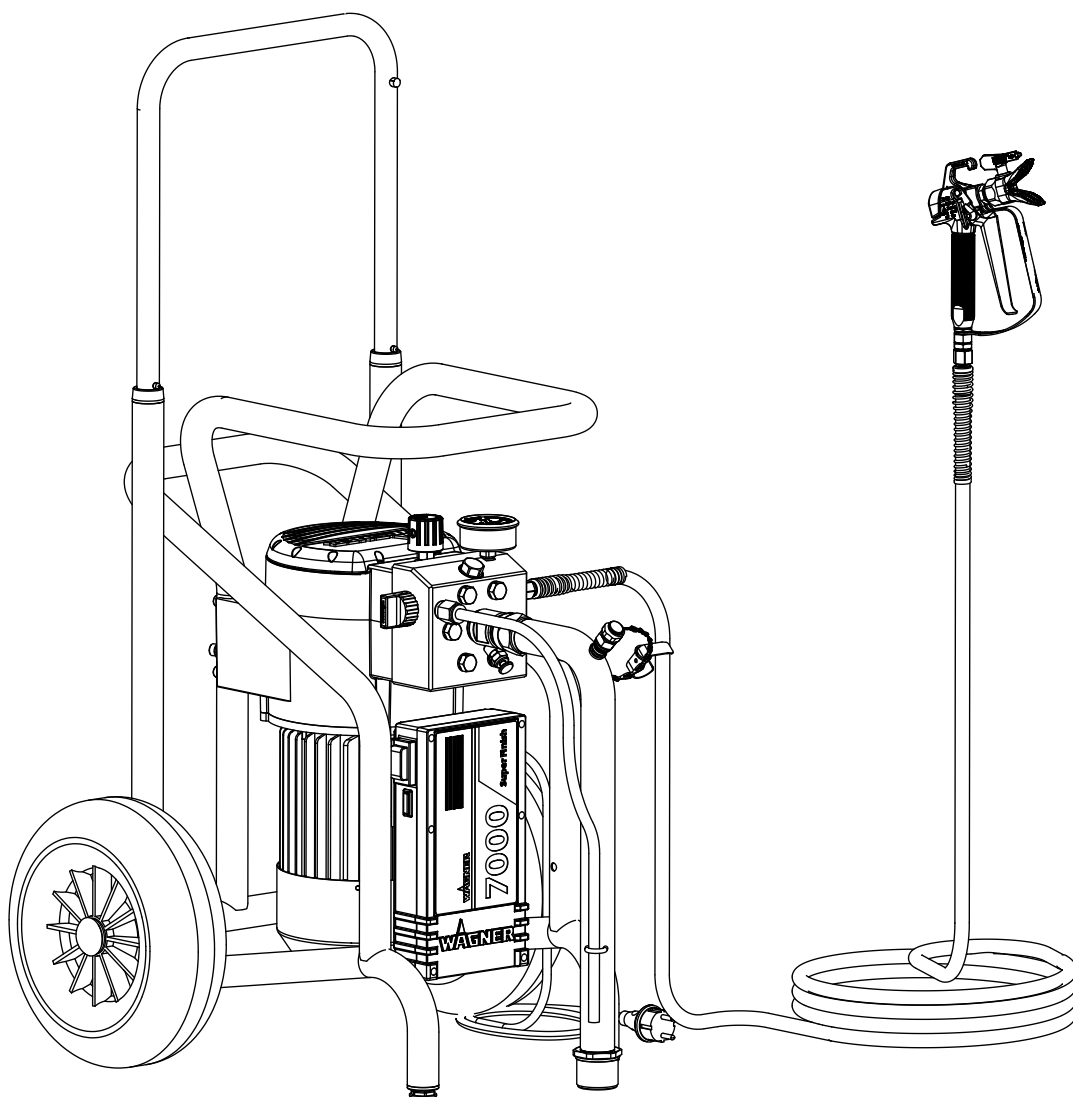




Airless – Hochdruck Spritzgerät
Airless high-pressure spraying unit
Appareil de pulvérisation à haute
pression Airless
Apparecchio di verniciatura a spruzzo
Airless ad alta pressione
Super Finish 7000

Originalbetriebsanleitung

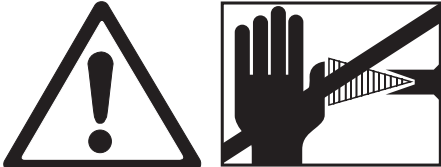
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WARNING!

Attention, danger of injury by injection!

Airless units develop extremely high spray pressures.

	 <p>Danger</p>
①	<p>Never bring fingers, hands or other body parts into contact with the spray jet! Never point the spray gun at yourself, other persons or animals. Never use the spray gun without spray jet safety guard.</p> <p>Do not treat a spray injury as a harmless cut. In case of injury to the skin by coating material or solvents, consult a doctor for quick and correct treatment. Inform the doctor about the coating material or solvent used.</p>
②	<p>The following points are to be observed in accordance with the operating manual before every start-up:</p> <ol style="list-style-type: none"> 1. Faulty units may not be used. 2. Secure a Wagner spray gun with the securing lever at the trigger guard. 3. Ensure earthing. 4. Check the permissible operating pressure of the high-pressure hose and spray gun. 5. Check all the connecting parts for leaks.
③	<p>Instructions for regular cleaning and maintenance of the unit are to be observed strictly.</p> <p>Observe the following rules before any work on the unit and at every working break:</p> <ol style="list-style-type: none"> 1. Relieve the pressure from the spray gun and high-pressure hose. 2. Secure a Wagner spray gun with the securing lever at the trigger guard 3. Switch the unit off.

Ensure safety!

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1 SAFETY REGULATIONS FOR AIRLESS SPRAYING

The safety-specific requirements for Airless spraying are specified in:


- The European Standard „Spray equipment for coating materials – safety regulations „ (EN 1953: 1998).
- The regulations of the German employer's liability insurance association („Berufsgenossenschaft“) „Using liquid jets“ (BGV D15) and „Processing coating materials „ (BGV D25).
- Guidelines for construction and implementation requirements for liquid jets (spraying units) of the German industrial employer's liability insurance association (ZH1/406).

The following safety regulations are to be observed in order to ensure safe handling of the Airless high-pressure spraying unit.


1.1 FLASH POINT

 <p>Danger</p>	<p>Only spray coating materials with a flash point of 21 °C or higher.</p> <p>The flash point is the lowest temperature at which vapors develop from the coating material. These vapors are sufficient to form an inflammable mixture over the air above the coating material.</p>
--	--



1.2 EXPLOSION PROTECTION

 <p>Danger</p>	<p>Do not use the unit in work places which are covered by the explosion protection regulations.</p> <p>The unit is not designed to be explosion protected.</p>
--	---

1.3 DANGER OF EXPLOSION AND FIRE FROM SOURCES OF IGNITION DURING SPRAYING WORK

 <p>Danger</p>	<p>There must be no sources of ignition such as, for example, open fires, lit cigarettes, cigars or tobacco pipes, sparks, glowing wires, hot surfaces, etc. in the vicinity.</p>
--	---


1.4 DANGER OF INJURY FROM THE SPRAY JET

 <p>Danger</p>	<p>Attention, danger of injury by injection! Never point the spray gun at yourself, other persons or animals.</p>
	<p>Never use the spray gun without spray jet safety guard.</p>
	<p>The spray jet must not come into contact with any part of the body.</p> <p>In working with Airless spray guns, the high spray pressures arising can cause very dangerous injuries. If contact is made with the spray jet, coating material can be injected into the skin. Do not treat a spray injury as a harmless cut. In case of injury to the skin by coating material or solvents, consult a doctor for quick and correct treatment. Inform the doctor about the coating material or solvent used.</p>

1.5 SECURE SPRAY GUN AGAINST UNINTENDED OPERATION

Always secure the spray gun when mounting or dismounting the tip and in case of interruption to work.

1.6 RECOIL OF SPRAY GUN


 <p>Danger</p>	<p>When using a high operating pressure, pulling the trigger guard can effect a recoil force up to 15 N.</p> <p>If you are not prepared for this, your hand can be thrust backwards or your balance lost. This can lead to injury.</p>
--	--

1.7 BREATHING EQUIPMENT AS PROTECTION AGAINST SOLVENT VAPORS

Wear breathing equipment during spraying work.

A breathing mask is to be made available to the user (regulations of the German employer's liability insurance association („Berufsgenossenschaft“) „Rules for the use of breathing masks“ (BGR 190), „Using liquid jets“ (BGV D15) and „Processing coating materials „ (BGV D25).

1.8 NOISE PROTECTION

	<p>Wear suitable ear protection when working.</p>
---	---

SAFETY REGULATIONS

1.9 PREVENTION OF OCCUPATIONAL ILLNESSES

Protective clothing, gloves and possibly skin protection cream are necessary for the protection of the skin.


Observe the regulations of the manufacturer concerning coating materials, solvents and cleaning agents in preparation, processing and cleaning units.

1.10 MAX. OPERATING PRESSURE


The permissible operating pressure for the spray gun, spray gun accessories, unit accessories and high-pressure hose must not fall short of the maximum operating pressure of 25 MPa (250 bar or 3625 psi).

1.11 HIGH-PRESSURE HOSE (SAFETY INSTRUCTIONS)

An electrostatic charging of spray guns and the high-pressure hose is discharged through the high-pressure hose. For this reason the electric resistance between the connections of the high-pressure hose must be equal to or lower than 1 MΩ.

	Only use WAGNER original-high-pressure hoses in order to ensure functionality, safety and durability.
--	---

1.12 ELECTROSTATIC CHARGING (FORMATION OF SPARKS OR FLAMES)

 Danger	Electrostatic charging of the unit may occur during spraying due to the flow speed of the coating material. These can cause sparks and flames upon discharge. The unit must therefore always be earthed via the electrical system. The unit must be connected to an appropriately-grounded safety outlet.
---	---

1.13 USE OF UNITS ON BUILDING SITES AND WORKSHOPS

The unit may only be connected to the mains network via a special feeding point with a residual-current device with INF ≤ 30 mA.

In the 400 volt version, a CEE 16A-6h socket with appropriate fusing must be used for connection to the mains supply.

1.14 VENTILATION WHEN SPRAYING IN ROOMS

Adequate ventilation to ensure removal of the solvent vapors has to be ensured.


1.15 SUCTION INSTALLATIONS

The are to be provided by the unit user in accordance with the corresponding local regulations.


1.16 EARTHING OF THE OBJECT

The object to be coated must be earthed.
(Building walls are usually earthed naturally)

1.17 CLEANING THE UNIT WITH SOLVENTS

 Danger	When cleaning the unit with solvents, the solvent should never be sprayed or pumped back into a container with a small opening (bunghole). An explosive gas/air mixture can arise. The container must be earthed.
--	---

1.18 CLEANING THE UNIT

 Danger	Danger of short-circuits caused by water ingress! Never spray down the unit with high-pressure or high-pressure steam cleaners.
--	--


1.19 WORK OR REPAIRS AT THE ELECTRICAL EQUIPMENT

These may only be carried out by a skilled electrician. No liability is assumed for incorrect installation.

1.20 WORK AT ELECTRICAL COMPONENTS

Unplug the power plug from the outlet before carrying out any repair work.

1.21 WORKING WITH A NUMBER OF GUNS

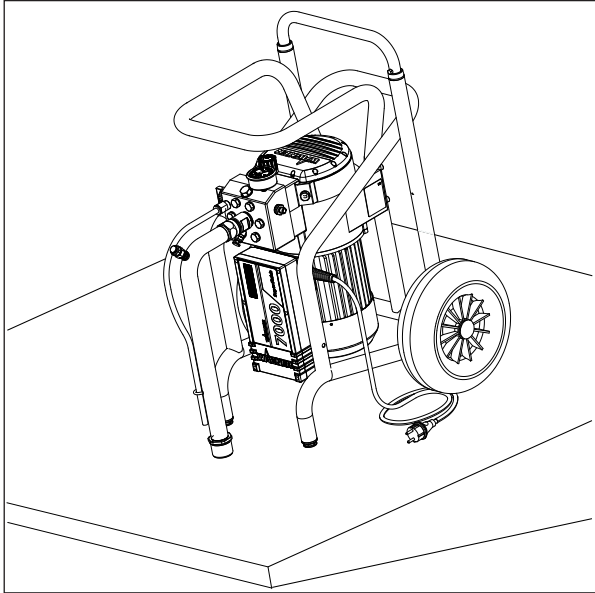
 Danger	Changes to the device will affect all connected guns. Sudden pressure increases (activation/modification) can cause accidents. Make sure that you know the status of all connected spray guns/accessories and inform all other users if necessary.
--	--

1.22 TRANSPORT USING A CRANE

Do not suspend the device using the extendable shaft.

1.23 SETUP ON AN UNEVEN SURFACE

The front end must always point downwards in order to avoid sliding away.



If possible do not use the unit on an inclined surface since the unit tends to wander through the resulting vibrations.

2 GENERAL VIEW OF APPLICATION

2.1 APPLICATION

Super Finish 7000 is an electric driven unit for the airless atomization of different painting materials. Also it is able to feed the internal feeded paint roller, which is available as accessory.

The performance of the Super Finish 7000 is designed to enable processing of dispersions for large objects both indoors and outdoors (e.g. ceilings, facades, underground garages, etc.). The use of corrosion protection and fire protection is also possible.

The unit is able for all common varnishing jobs like doors, door frames, balustrades, furniture, woodencladding, fences, radiators (heating) and steel parts.

The device is prepared for operation with several guns. However, this requires appropriate accessories, which are available separately.

2.2 COATING MATERIAL

Dispersion and latex paints, two-component coating materials, diluting lacquers and paints or those containing solvents. No other materials should be used for spraying without WAGNER's approval.



Pay attention to the Airless quality of the coating materials to be processed.

The unit is able to process coating materials with up to 15,000 mPas. If highly viscous coating materials cannot be taken in or the performance of the unit is too low, the paint must be diluted in accordance with the manufacturer's instructions.



Multi-gun operation is not possible when working with high viscosity coating materials.

Stir coating substance well before commencing work.



Attention: Make sure, when stirring up with motor-driven agitators that no air bubbles are stirred in. Air bubbles disturb when spraying and can, in fact, lead to interruption of operation.

2.2.1 COATING MATERIALS WITH SHARP-EDGED ADDITIONAL MATERIALS

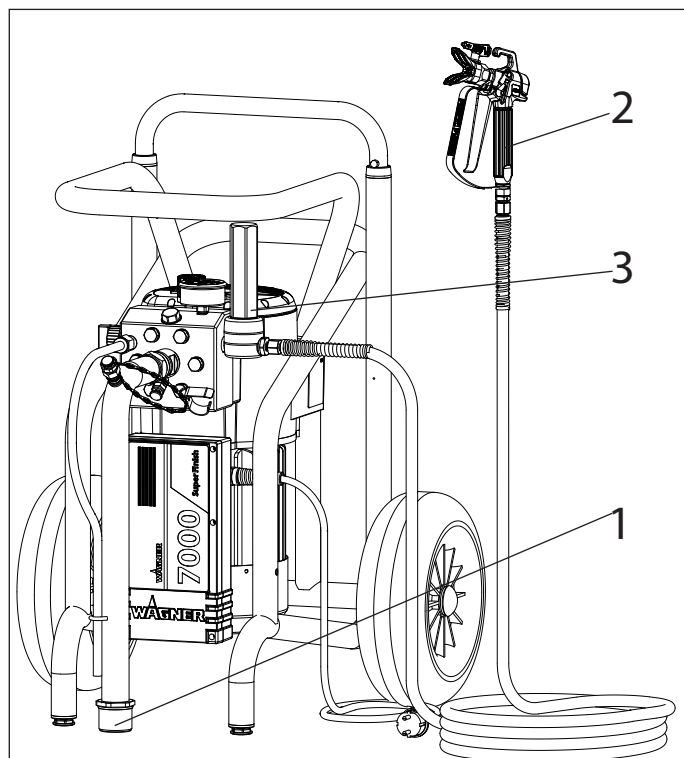
These particles have a strong wear and tear effect on valves and tips, but also on the heating hose and spray gun. This impairs the durability of these wearing parts considerably.

2.2.2 FILTERING

Sufficient filtering is required for fault-free operation. To this purpose the unit is equipped with a suction filter (Item 1) and an insertion filter in the spray gun (Item 2). Regular inspection of these filters for damage or soiling is urgently recommended.

A high-pressure filter (Item 3) -available as accessory- is rising up the filtering surface and will make the work more comfortable.

GENERAL VIEW OF APPLICATION



3. DESCRIPTION OF UNIT

3.1 AIRLESS PROCESS

The main area of application are thick layers of highly viscous coating material.

At the Super Finish 7000 unit a diaphragm pump takes in the coating materials and transports it via a high-pressure hose to the spray gun with the airless tip. Here the coating material atomizes since it is pressed through the tip core at a maximum pressure of 25 MPa (250 bar, 3625 psi). This high pressure has the effect of micro fine atomisation of the coating material. As no air is used in this process, it is described as an AIRLESS process.

This method of spraying has the advantages of finest atomisation, cloudless operation (depending of a correct unit adjustment) and a smooth, bubblefree surface. As well as these, the advantages of the speed of work and convenience must be mentioned.

3.2 FUNCTIONING OF THE UNIT

The following section contains a brief description of the technical construction for better understanding of the function:

Super Finish 7000 is an electrically driven high-pressure paint spraying equipment.

The motor (Item 1) drives directly the hydraulic pump.

A piston (2) is moved up and down so that hydraulic oil is moved under the diaphragm (3) which then moves.

In detail:

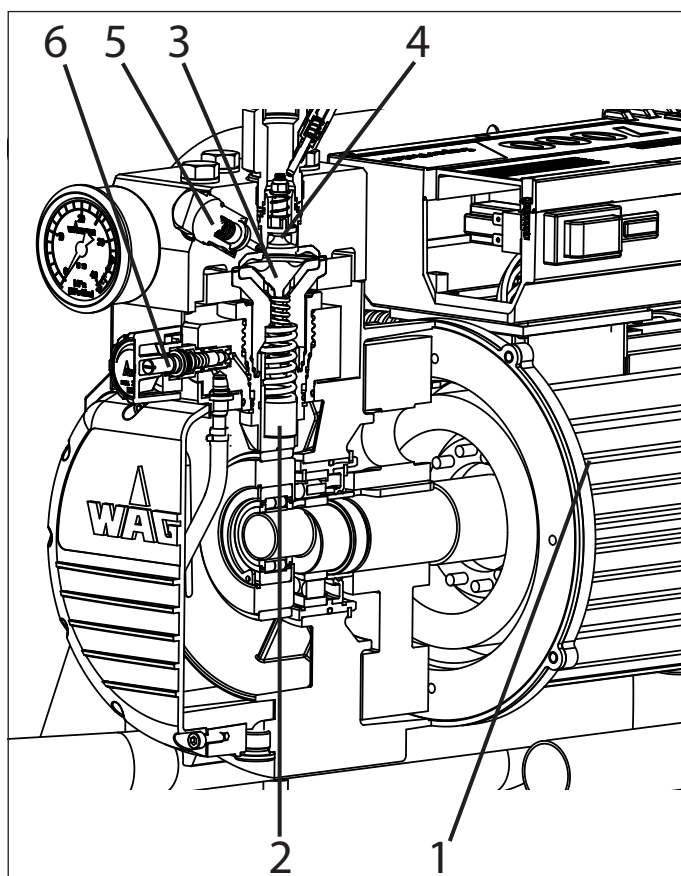
The downwards movement of the machine opens the disk inlet valve (4) automatically and coating material is sucked in.

During the upwards movement of the diaphragm, the coating material is displaced and the outlet valve (5) opens while the inlet valve is closed.



The coating material flows under high pressure through the high-pressure hose to the spray gun and is atomized when it exists from the tip.

The pressure control valve (6) limits the set pressure in the hydraulic oil circuit and thus also the pressure of the coating material.


A pressure change when the same tip is used also leads to a change in the amount of paint atomized.



3.3 EXPLANATORY DIAGRAM

- 1 Tip guard with airless tip
 - 2 Spray gun
 - 3 High-pressure hose
 - 4 Connection for high-pressure hose
 - 5 Pressure gauge
 - 6 Pressure control valve
 - 7 Pressure relief valve
- Symbols:  Spraying
 Circulation
- 8 ON / OFF switch
 - 9 Indicating lamp (green indicates presence of line voltage)
 - 10 Return hose
 - 11 Suction system
 - 12 Inlet valve button
 - 13 Outlet valve
 - 14 Oil measuring stick under the oil screw plug
 - 15 Inlet filter
 - 16 Storage container for flexible suction system (Accessory. Not included in the scope of supply.)

3.4 TRANSPORTATION

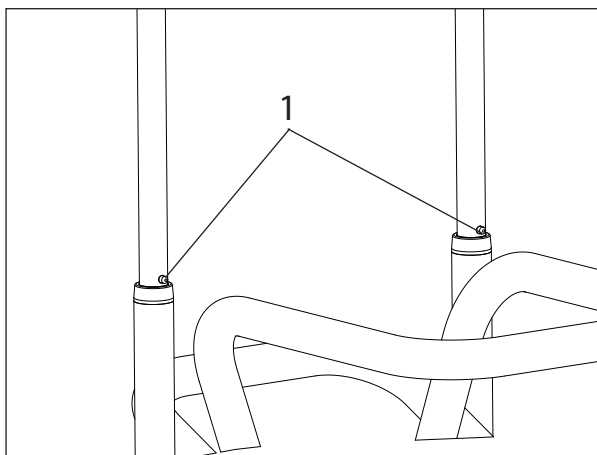
 Danger	<p>Device is very heavy (60 kg). Only lift or carry the device in pairs.</p>
--	--

Roll up the high-pressure hose and place over the carriage frame.

Pull out the shaft.

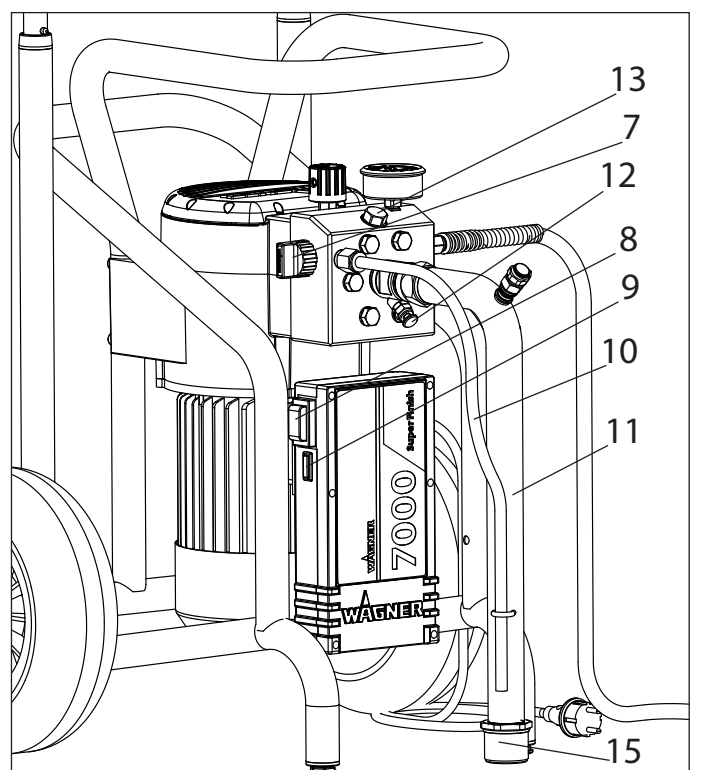
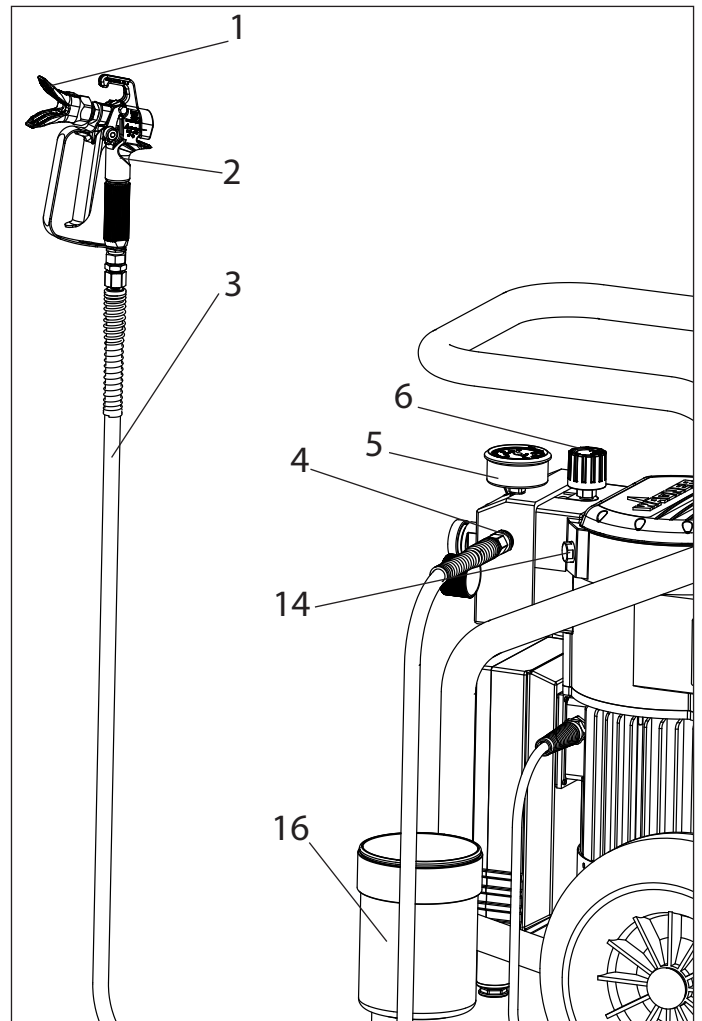
Push or pull the device.

To retract the shaft, hold both buttons (1) pressed down.



Transportation in vehicle

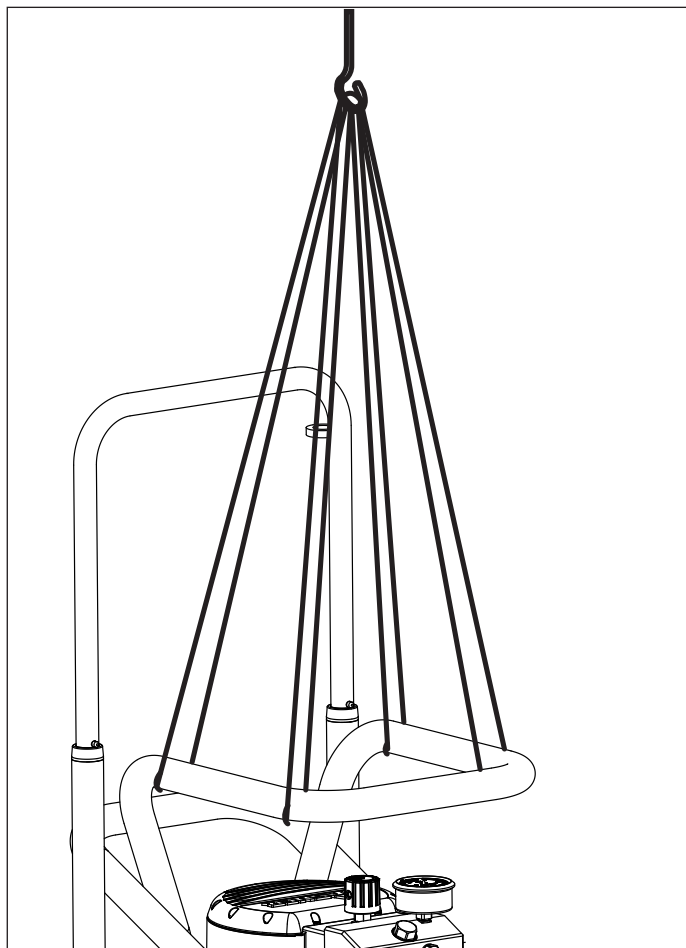
Secure the unit in the vehicle by means of suitable fasteners. The device can be placed on its side if necessary. In this case, please ensure that no attachments can be damaged. Attention: Paint or solvent residues can escape from the connections!



DESCRIPTION OF UNIT

3.5 TRANSPORT USING A CRANE

For attaching points for the straps or rope (not wire cable) see figure.



Do not suspend the device using the extendable shaft.

3.6 TECHNICAL DATA SUPER FINISH 7000

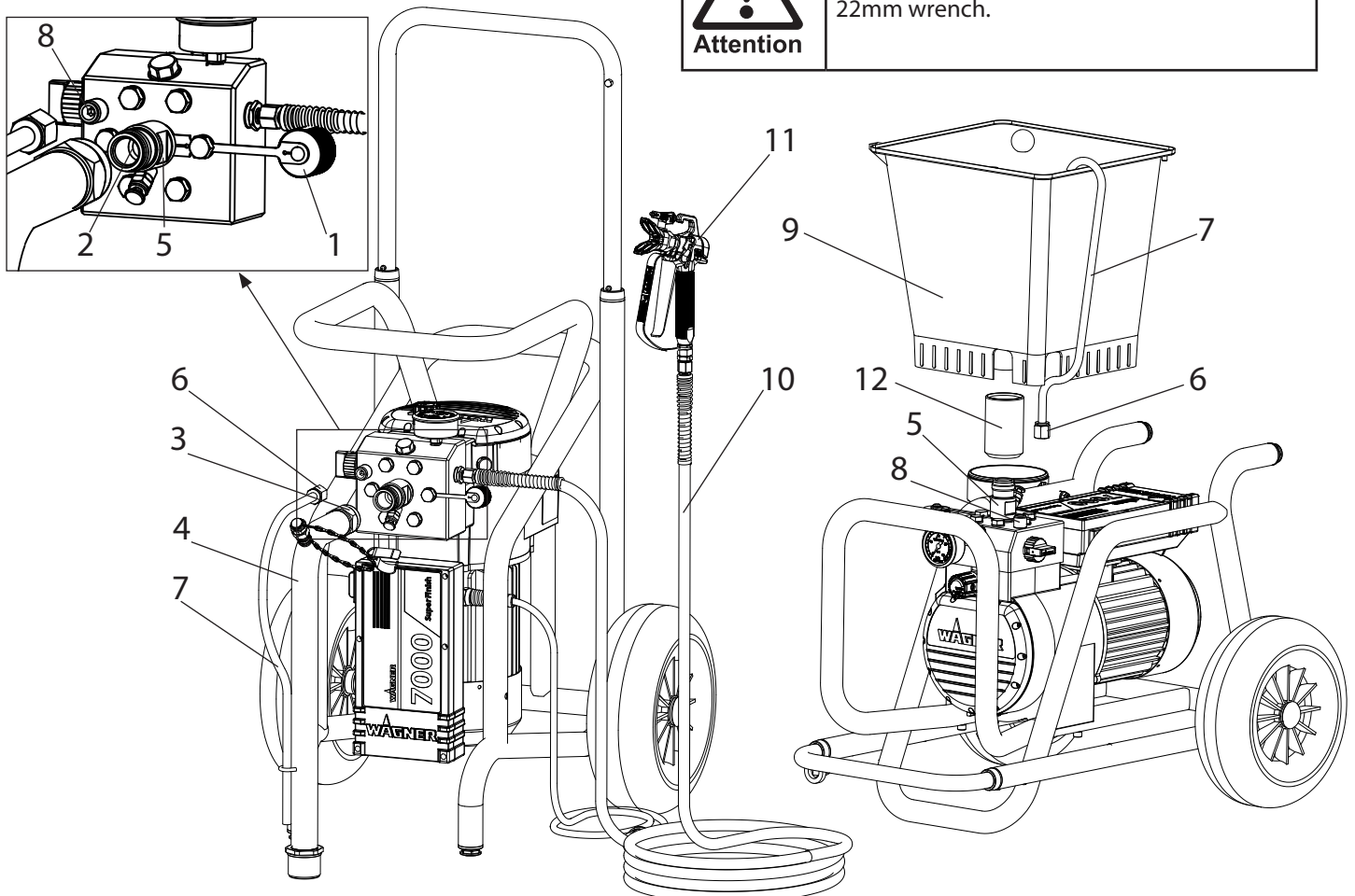
Article no. basic unit	2305973	2306248
Voltage :	230 Volt ~, 50 Hz	400 Volt ~, 50 Hz
Fuses :	16 A time-lag	16 A
Unit connecting line :	6 m long, 3x1.5 mm ²	6 m long, 5x1.5 mm ²
Max. current consumption hose heating :	13.5 A	5.8 A
Degree of protection :	IP 44	IP 44
Acceptance capacity :	2.8 kW	3.1 kW
Max. operating pressure :	25 MPa (250 bar)	25 MPa (250 bar)
Max. volume flow :	7.2 l/min	7.2 l/min
Volume flow at 12 MPa (120 bar) with water :	5.8 l/min	5.8 l/min
Max. temperature of the coating material :	43 °C	43 °C
Max. viscosity :	15 000 mPas	15 000 mPas
Empty weight pump :	60 kg	60 kg
Hydraulic oil filling quantity:	1.5 litre	1.5 litre
Max. vibration at the spray gun :	lower than 2.5 m/s ²	lower than 2.5 m/s ²
Max. sound pressure level:	82 dB (A)*	82 dB (A)*

*Place of measurement: 1 m distance from unit and 1.60 m above floor, 12 Mpa (120 bar) operating pressure, reverberant floor

4 STARTUP

4.1 UNIT WITH SUCTION SYSTEM

1. Unscrew the dust protective cap (Item 1).
2. Ensure that the sealing surfaces of the connections are clean.
Ensure that the red inlet (2) is inserted in the coating material inlet (5).
3. **If using the suction system**
Screw union nut (3) on suction system (4) to the coating substance inlet (5) with the spanner provided (41mm) and fasten finger-tight.
If using the upper container (accessories)
Screw container adapter (12) to coating substance inlet (5) and fasten finger-tight. Place upper container (9) on container adapter (12) and align. Place return hose (7) in upper container.
4. Screw the union nut (6) at the return hose (7) to the connection (8) (22mm).



4.2 HIGH PRESSURE HOSE AND SPRAY GUN



A special adapter is required for operation with several guns (see accessories). Several adapters can be connected together, so that two additional guns can be used per adapter. Multi-gun operation is not possible when working with high viscosity coating materials.

1. Screw adapter for multiple-gun operation to hose connection (if required).
2. Screw the high pressure hose (10) onto the hose connection or the adapter.



Danger

Unused connections on the adapter must be sealed with the protective caps provided. Only connect as many hoses as will be used. All connected hoses are pressurised!

3. Screw the spray gun (11) onto the high pressure hose
4. Tighten all union nuts on high pressure hose so that no coating material can escape.
5. Screw the tip holder with the selected tip onto the spray gun, align tip and tighten union nut.



Attention

When unscrewing the high pressure hose, hold firmly on the hose connection with a 22mm wrench.



4.3 CONNECTION TO THE MAINS NETWORK




Connection must always be carried out via an appropriately grounded safety outlet with residual-current-operated circuit-breaker.

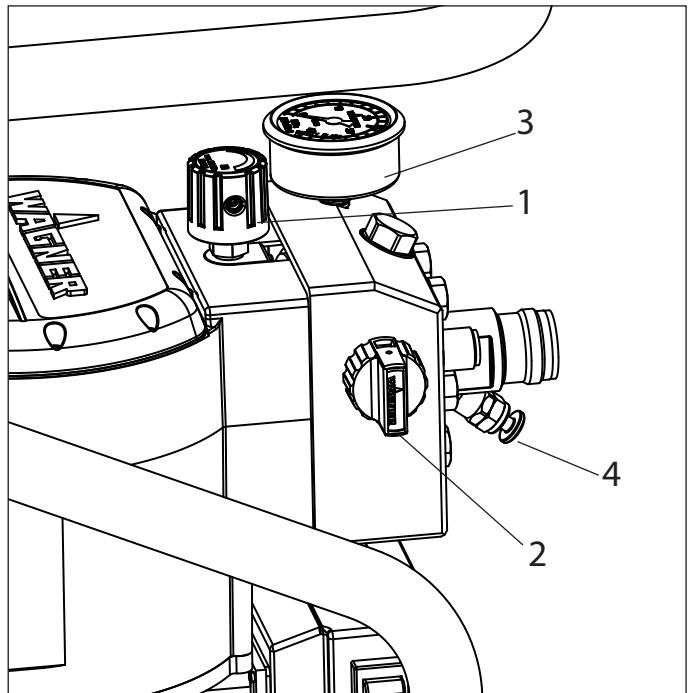
Before connecting the unit to the mains supply, ensure that the line voltage matches that specified on the unit's rating plate.

4.4 CLEANING PRESERVING AGENT WHEN STARTING-UP OF OPERATION INITIALLY



1. Immerse the suction system into a container filled with a suitable cleaning agent (recommendation: water).
2. Switch on unit.
3. Turn the pressure regulating knob (1) to the **right** until the stop is reached.
4. Open relief valve (2) valve position  (circulation)
5. Wait until cleaning agent is emitted from the return hose.
6. Turn the pressure regulating knob (1) back approx. one rotation.
7. Close relief valve (2) valve position , pressure is rising up inside the high pressure hose (visible at pressure gauge)
8. Point the tip of the spray gun into an open collecting container and pull the trigger guard at the spray gun.
9. The pressure is increased by turning the pressure regulating knob (1) to the right. Set approx. 10 MPa at the pressure gauge.
10. Spray the cleaning agent out of the unit for approx. 1 - 2 min. (~5 litres) into the open collecting container.

4.5 VENTILATE UNIT (HYDRAULIC SYSTEM) IF THE SOUND OF INLET VALVE IS NOT AUDIBLE

1. Switch on the unit.
2. Turn pressure regulating knob (1) **three revolutions** to the **left**.
3. Open relief valve (2) valve position  (circulation)
The hydraulic system is ventilated. Leave the unit on for two or three minutes.
4. Then turn pressure regulating knob (1) to the **right** until stop.
5. Press inlet valve pusher (4).
Sound of the inlet valve is audible.
6. If not, repeat points 2 and 4



4.6 TAKING THE UNIT INTO OPERATION WITH COATING MATERIAL

1. Immerse the suction system into a container filled with coating material.
2. Press inlet valve pusher (4) several times to release possibly clogged inlet valve
3. Open relief valve (2) valve position  (circulation)
4. Switch on unit.
5. Turn the pressure regulating knob (1) to the **right** until the stop is reached.
When the noise of the valves changes, the unit is bled and takes in coating material.
6. If coating material exits from the return hose, turn the pressure regulating knob (1) back approx. 1 rotation.
7. Close relief valve (2) valve position , pressure is rising up inside the high pressure hose (visible at pressure gauge)
8. Pull of the spray gun and spray into an open collecting container in order to remove the remaining cleaning agent from the unit. When coating materials exits from the tip, close the spray gun.
9. Pull of the spray gun and adjust the spraying pressure by turning the pressure regulating knob (1).
10. The unit is ready to spray.

5 SPRAYING TECHNOLOGY

Move the spray gun evenly during the spraying process. If this is not observed, an irregular spraying appearance will be the result. Carry out the movement with the arm, not with the wrist. A parallel distance of approx. 30 cm between the tip and the surface to be coated should always be observed. The lateral limitation of the spray fan should not be too distinct. The edge of spraying should be gradual to facilitate overlapping of the next coat. The spray gun should always be held at an angle of 90° to the surface to be coated. A spray fan aimed obliquely at the surface to be coated leads to an unwanted spray cloud.



Depending on the material, the use of a smaller nozzle size or fewer guns can improve the spray pattern when using multiple-gun operation.

To achieve perfect surfaces at varnishing works, special accessories are available at Wagner, e.g. FineFinish tips or an AirCoat gun set. Your Wagner dealer will advise you.

5.1 TEMPSPRAY (ACCESSORY)

The paint material is heated to the required temperature uniformly by an electric heating element, which is located inside the hose (regulated from 20°C to 60°C).

Advantages:

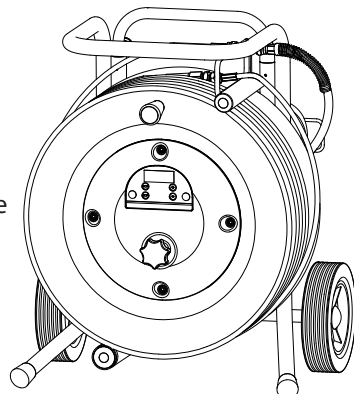
- Constant paint temperature even at low outside temperatures
- Considerably better working of high viscosity coating materials
- Increase application efficiency
- Savings in solvents due to reduction in viscosity

TempSpray H 326 (ideal for dispersions/materials with high viscosity)

Order no. 2311661

Scope of delivery:

Basic unit 1/4" incl. Hose reel, heated hose DN10, 30m, hose 1/4" DN4, 1m



6 HANDLING THE HIGH-PRESSURE HOSE

The high-pressure hose is to be handled with care. Avoid sharp bending or kinking. The smallest bending radius amounts to about 20 cm.

Do **not drive over** the high-pressure hose. Protect against sharp objects and edges.



Danger of injury through leaking high-pressure hose. Replace any damaged high-pressure hose immediately. Never repair defective high-pressure hoses yourself!



When using the high-pressure hose while working on scaffolding, it is best to always guide the hose along the **outside** of the scaffolding.

6.1 HIGH-PRESSURE HOSE

The unit is equipped with a high-pressure hose specially suited for diaphragm pumps.




Only use WAGNER original-high-pressure hoses with internal heating in order to ensure functionality, safety and durability.



Longer hoses (30 m is optimal) reduce vibrations.

7 INTERRUPTION OF WORK



1. Turn pressure regulating knob **three revolutions** to the **left**.
2. Open relief valve (2) valve position  (circulation)
3. Switch off the unit
4. Pull the trigger guard on all spray guns in order to safely relieve the pressure of high-pressure hoses and spray guns.
5. Secure the spray gun, refer to the operating manual of the spray gun.
6. Remove tip from tip holder and store the tip in a small vessel with suitable cleaning agent.
7. Leave the suction system immersed in the coating material or immerse it in the corresponding cleaning agent. The suction filter and unit should not dry out.
8. Cover the material container in order to prevent the paint from drying.




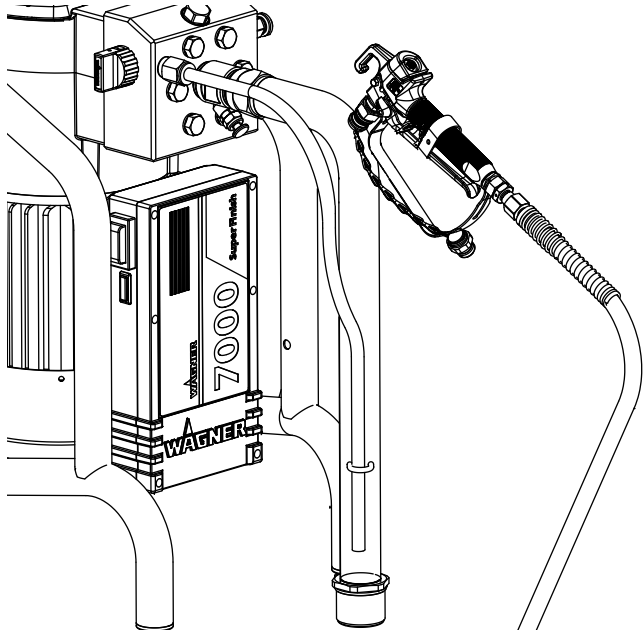
When using quick-drying or two-component coating substances, always flush the device through with a suitable cleaning agent within the processing time, as otherwise it will be difficult to clean.

8 CLEANING THE UNIT


A clean state is the best method of ensuring operation without problems. After you have finished spraying, clean the unit. Under no circumstances may coating material rests dry and harden in the unit. The cleaning agent used for cleaning (only with a flash point above 21 °C) must be suitable for the coating material used.

- **Secure the spray gun**, refer to the operating manual of the spray gun.
Remove and clean the tip and tip guard.
- 1. Open relief valve
valve position  (circulation) and switch on unit
- 2. Remove suction system from the material container. The return tube remains over the material container.
- 3. Immerse the suction system into a container filled with a suitable cleaning agent
- 4. Turn the pressure control valve back in order to set a minimal spraying pressure.
- 5. Close relief valve,
valve position  (spraying)
- 6. Pull the trigger guard of the spray gun in order to pump the remaining coating material from the suction hose, high-pressure hose and the spray gun into an open container (if appropriate, increase the pressure at the pressure control valve slowly in order to obtain a higher material flow). When using multiple-gun operation the trigger guards must be pulled in succession, in order to increase the cleaning performance.

- 13. Clean the suction tube about 3 minutes long.
- 14. Rinse in the circuit – Open relief valve
valve position  (circulation).
- 15. Close the spray gun.
- 16. When cleaning with water repeat the procedure about 3 minutes long with clear water.
- 17. Remove spray gun from suction tube, close spray gun connection at suction tube with closure nut.






The cleaning effect is increased by alternatively opening and closing the spray gun.

- 18. Close relief valve,
valve position  (spraying)
- 19. Pump the remaining cleaning agent into an open container until the pump is empty.
- 20. Switch off the unit




Warm water improves the cleaning effect in the case of water-dilutable coating materials.



 Attention	The container must be earthed in case of coating materials which contain solvents.
 Attention	Caution! Do not pump or spray in container with small opening (bunghole)! See safety regulations.



- 7. Open relief valve
valve position  (circulation)
- 8. Pump suitable cleaning agent in the circuit for several minutes.




Suction system with Quick Clean (points 9 to 17)

- 9. Screw the spray gun to the suction tube with both enclosed 22 mm wrenches.
- 10. Pump a suitable cleaning agent in the circuit for about 1 minute.
- 11. Pull the trigger guard of the spray gun and lock it with a clamp.
- 12. Close relief valve,
valve position  (spraying)


Unit with upper hopper

- 1. Open relief valve
valve position  (circulation) and switch on unit
- 2. Turn the pressure control valve back in order to set a minimal spraying pressure.
- 3. Close relief valve,
valve position  (spraying)
- 4. Pull the trigger guard of the spray gun in order to pump the remaining coating material from the hopper, high-pressure hose and the spray gun into an open container (if appropriate, increase the pressure at the pressure control valve slowly in order to obtain a higher material flow).

 <p>Attention</p>	<p>The container must be earthed in case of coating materials which contain solvents.</p>
 <p>Attention</p>	<p>Caution! Do not pump or spray in container with small opening (bunghole)! See safety regulations.</p>


5. Fill up hopper with suitable cleaning agent.
6. Open relief valve
valve position  (circulation)
7. Pump suitable cleaning agent in the circuit for several minutes.
8. Close relief valve,
valve position  (spraying)
9. Pump the remaining cleaning agent from the hopper, high-pressure hose and the spray gun into an open container
10. Open relief valve
valve position  (circulation)
11. Switch off unit

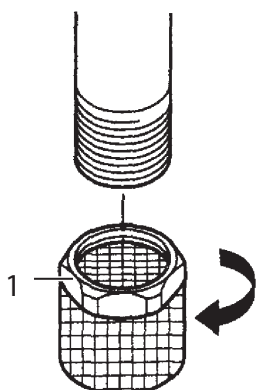
8.1 CLEANING THE UNIT FROM THE OUTSIDE

 <p>Danger</p>	<p>First unplug the power plug from the outlet.</p> <p>Danger of short-circuits caused by water ingress! Never spray down the unit with high-pressure or high-pressure steam cleaners.</p> <p>The suction hose is only solvent-resistant to a limited extent. Do not immerse in solvent, only wipe.</p>
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Wipe down unit externally with a cloth which has been immersed in a suitable cleaning agent.

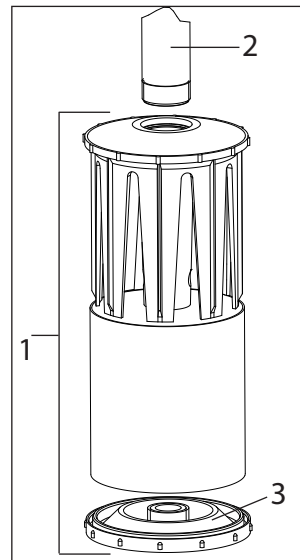
8.2 SUCTION FILTER

	<p>Clean filters always ensure maximum volume, constant spray pressure and problem-free functioning of the unit.</p>
---	--



Device with rigid suction system

1. Unscrew the filter (Item 1) from the suction tube.
2. Clean or replace the filter.
Carry out cleaning with a hard brush and a corresponding cleaning agent.




Device with flexible suction system (accessory)

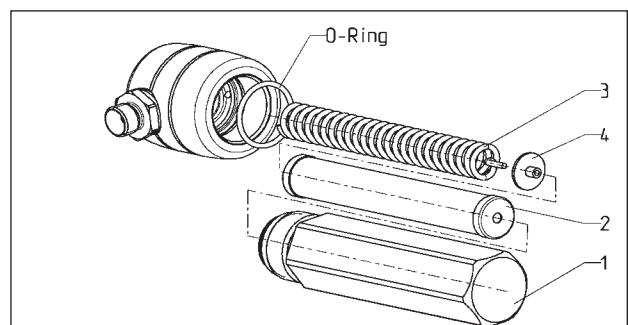
1. Unscrew the filter (Item 1) from the suction tube (2).
2. Disassemble filter by rotating the base (3).
3. Clean or replace the filter.
Carry out cleaning with a hard brush and a corresponding cleaning agent.

Unit with hopper

1. Release screws with a screwdriver.
2. Lift and remove filter disk with a screwdriver
3. Clean or replace the filter disk.
Carry out cleaning with a hard brush and a corresponding cleaning agent.

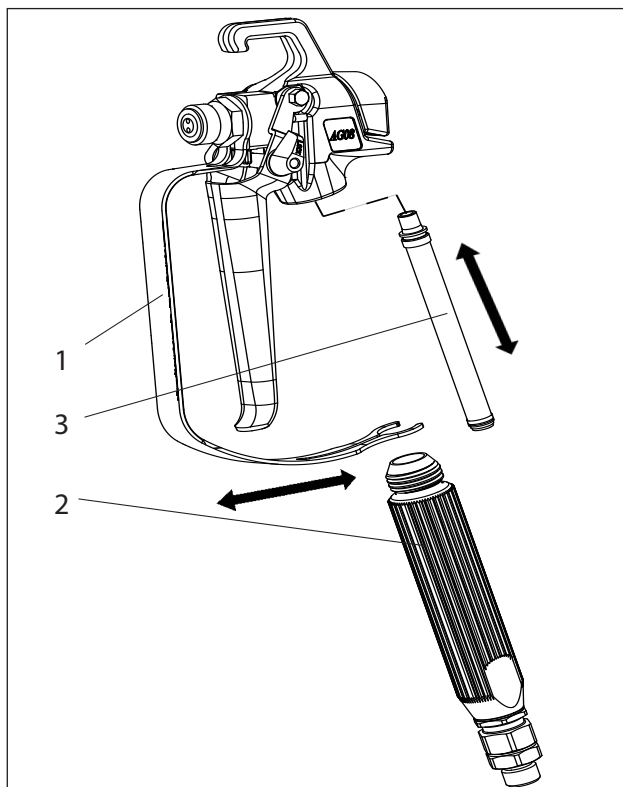
8.3 HIGH-PRESSURE FILTER

1. Open relief valve
valve position  (circulation) - Switch the unit off.
2. Open the high-pressure filter and clean the filter insert. To do so:
3. Unscrew the filter housing (1) by hand.
4. Remove the filter insert (2) and pull out the bearing spring (3).
5. Clean all the parts with the corresponding cleaning agent. If compressed air is available – blow through the filter insert and bearing spring.
6. When mounting the filter ensure that the bearing ring (4) in the filter insert is positioned correctly and check the O-ring at the filter housing for damage.
7. Screw on the filter housing by hand until it stops (a higher tightening force only impedes later dismantling).



8.4 CLEANING THE AIRLESS SPRAY GUN

1. Rinse the Airless spray gun with a suitable cleaning agent under lower operating pressure.
2. Clean the tip thoroughly with a suitable cleaning agent so that no suitable coating material rests remain.
Do not use sharp objects to clean the nozzle.
3. Clean the outside of the Airless spray gun thoroughly.



Insertion filter in Airless spray gun

Removal




1. Pull the protective bracket (1) forwards.
2. Screw the grip (2) out of the gun housing. Pull out the insertion filter (3).
3. If the insertion filter is clogged or defective, replace it.

Installation

1. Slide the insertion filter (3) with the longer cone into the gun housing.
2. Screw the grip (2) into the gun housing and tighten it.
3. Latch in the protective bracket (1).

9 SERVICING

9.1 GENERAL SERVICING

	An annual expert check is highly recommended to be sure to have a safe unit.
	You can servicing of the unit carried out by the Wagner Service. Favourable conditions can be agreed with a service agreement and/or maintenance packages.
	Change hydraulic oil every 300 operating hours or at least once a year.

Minimum check before every startup:


1. Check the high-pressure hose, spray gun with rotary joint, power supply cable with plug for damage.
2. Check whether the pressure gauge can be read.

Check at periodical intervals:


1. Check inlet-, outlet-, relief valve according wear. Clean it and replace worn out parts.
2. Check all filter inserts (spray gun, suction system) clean it and replace if necessary.

9.2 HIGH-PRESSURE HOSE

Inspect the high-pressure hose visually for any notches or bulges, in particular at the transition in the fittings. It must be possible to turn the union nuts freely. A conductivity of less than 1 MΩ must exist across the entire length.

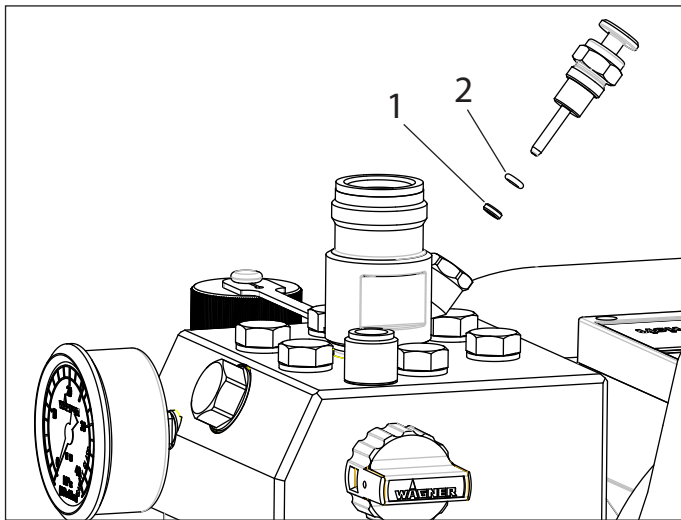
 Attention	Have all the electric tests carried by the Wagner Service.
--	--

10 REPAIRS AT THE UNIT

 Danger	Switch the unit off. Before all repair work: Unplug the power plug from the outlet.
---	--

10.1 INLET VALVE PUSHER

1. Use a 17 mm spanner to screw out the inlet valve button.
2. Replace the wiper (1) and O-ring (2).

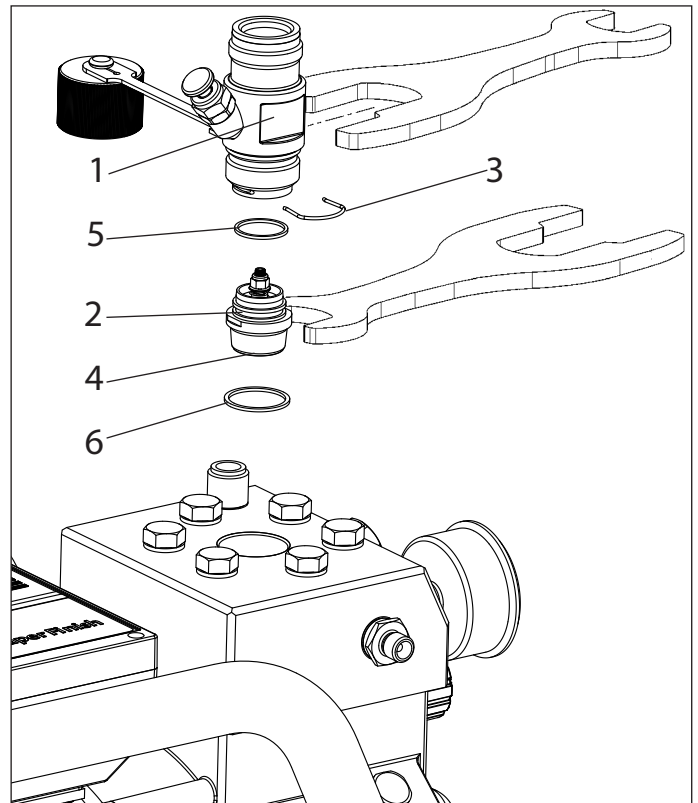


10.2 INLET VALVE

1. Place the enclosed 30 mm wrench on the trigger housing (1).
2. Loosen the trigger housing (1) with light blows of a hammer on the end of the wrench.
3. Screw out the trigger housing with the inlet valve (2) from the paint section.
4. Pull of the clasp (3) using the enclosed screwdriver.
5. Place the enclosed 30 mm wrench on the inlet valve (2). Turn out the inlet valve carefully.
6. Clean the valve seat (4) with a cleaning agent and brush (ensure that no brush hairs are left behind).
7. Clean the seals (5, 6) and check for damage. Replace, if necessary.
8. Check all the valve parts for damage. In case of visible wear replace the inlet valve.

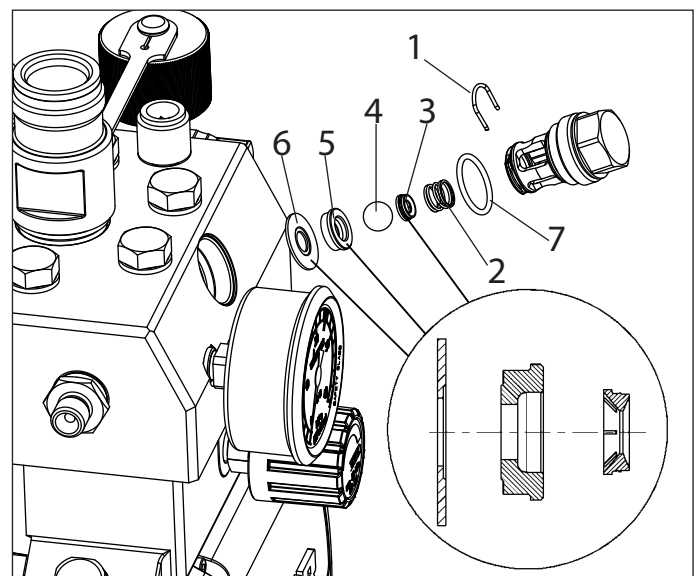
Installation

1. Insert the inlet valve (2) into the trigger housing (1) and secure with the clasp (3). Ensure that the (black) seal (5) is mounted in the trigger housing.
2. Screw the unit from the trigger housing and the inlet valve into the paint section. The white seal (6) must be fitted in the colour stage.
3. Tighten the trigger housing with the 30 mm wrench and tighten with three light blows of the hammer on the end of the wrench. (Corresponds to approx. 90 Nm tightening torque).



10.3 OUTLET VALVE

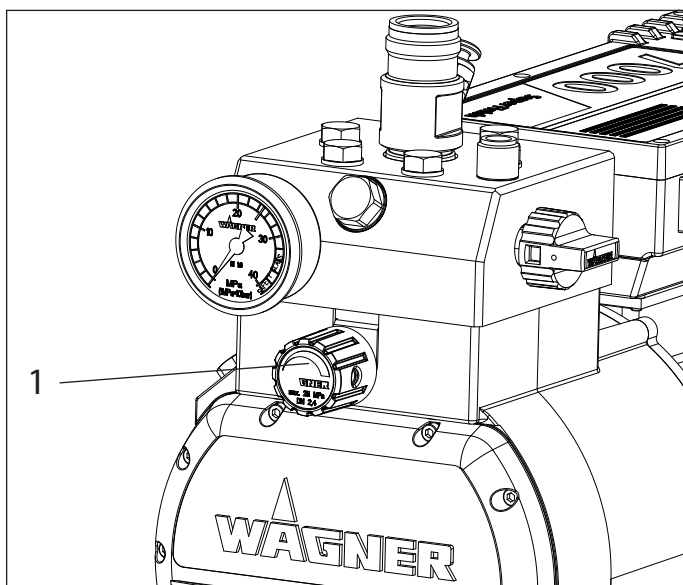
1. Use a 22 mm wrench to screw the outlet valve from the paint section.
2. Carefully pull of the clasp (1) using the enclosed screwdriver. The compression spring (2) presses ball (4) and valve seat (5) out.
3. Clean or replace the components.
4. Check the O-ring (7) for damage.
5. Check the installation position when mounting the spring support ring (3) (clipped onto spring (2)), outlet valve seat (5) and seal (6), refer to figure.



10.4 PRESSURE CONTROL VALVE

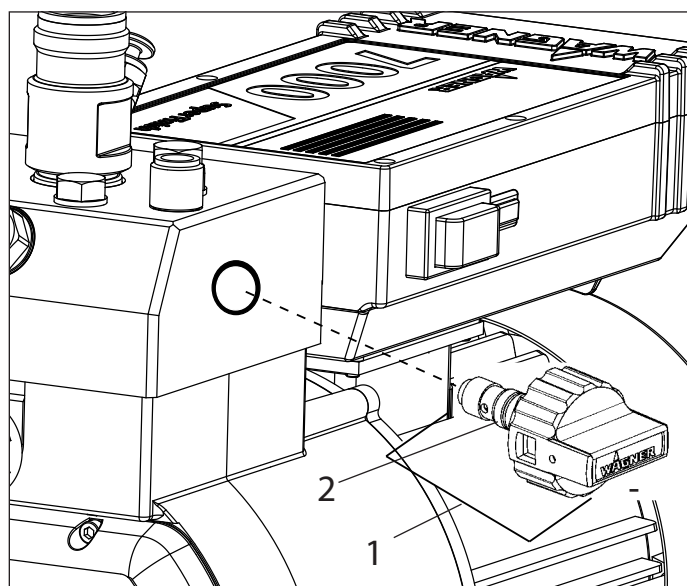


Only have the pressure control valve (1) replaced by the customer service.
The max. operating pressure has to be reset by the customer service.



10.5 RELIEF VALVE

Replace a fault relief valve (1) as a single unit.
Only the O-ring (2) may be replaced as a single part

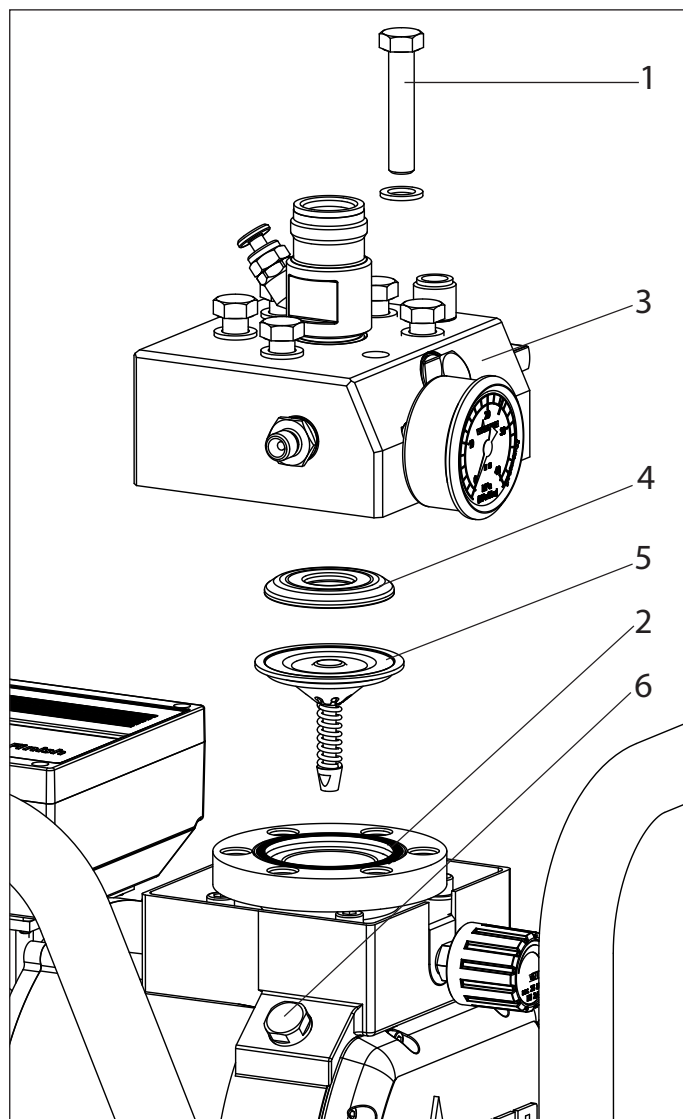


10.6 REPLACING THE DIAPHRAGM



Switch the unit off.
Before all repair work: Unplug the power plug from the outlet.

1. Screw the trigger housing with inlet valve out of the paint section as described in Section 10.2 Inlet valve, Items 1 to 3. (disassembling of hexagon nuts will become easier)
2. Turn back the pressure control valve, rotary knob completely (anti-clockwise).
(Note: If the unit is still warm, open the oil screw plug (6) briefly in order to compensate the pressure and close it again.)
3. Use a 19 mm wrench to screw the hexagonal bolt (Item 1) out of the flange ring (2).
4. Remove the paint section (3).
5. Remove the insert (4) and the diaphragm (5).
6. The diaphragm can only be used once. Always replace the diaphragm.



Before mounting the new diaphragm, clean the insert as well as the grooved surface at the pressure insert (2) and the paint section (3) and wipe off any oil.

Mounting is carried out in the reverse order.

1. First tighten all the hexagonal bolts (1) crosswise with 30Nm, then crosswise with 70Nm.
2. Before starting up leave the pressure control valve in the open position for about 2 minutes while the motor is running (bleeds the unit). Only then close it until the noise of the inlet valve can be heard.

10.7 REPLACING THE POWER CABLE



Work or repairs at the electrical equipment may only be carried out by a skilled electrician. No liability is assumed for incorrect installation.
Switch the unit off.
Before all repair work: Unplug the power plug from the outlet.

1. Dismount the cover (1) by loosening the 6 recessed-head screws (4).
2. Loosen the cable threaded joint (2).
3. Loosen the wires in the mains terminal (3).
4. Replace the unit connecting line.
(only an approved power cable with the designation H07-RNF with a splash-proof plug may be used).
5. Connect the green/yellow wire to the contact with the PE sign.
6. Connect the cover again and mount it carefully (do not squeeze any cables!)

10.8 TYPICAL WEAR PARTS

Despite the use of high-quality materials the highly abrasive effect of the paints means that wear can occur at the following parts:

Inlet valve (spare part Order No.: 0254 524)

For replacing refer to Section 10.2

(failure becomes noticeable through performance loss and/or poor or no suction)

Outlet valve (spare part Order No.: 0341702)

For replacing refer to Section 10.3

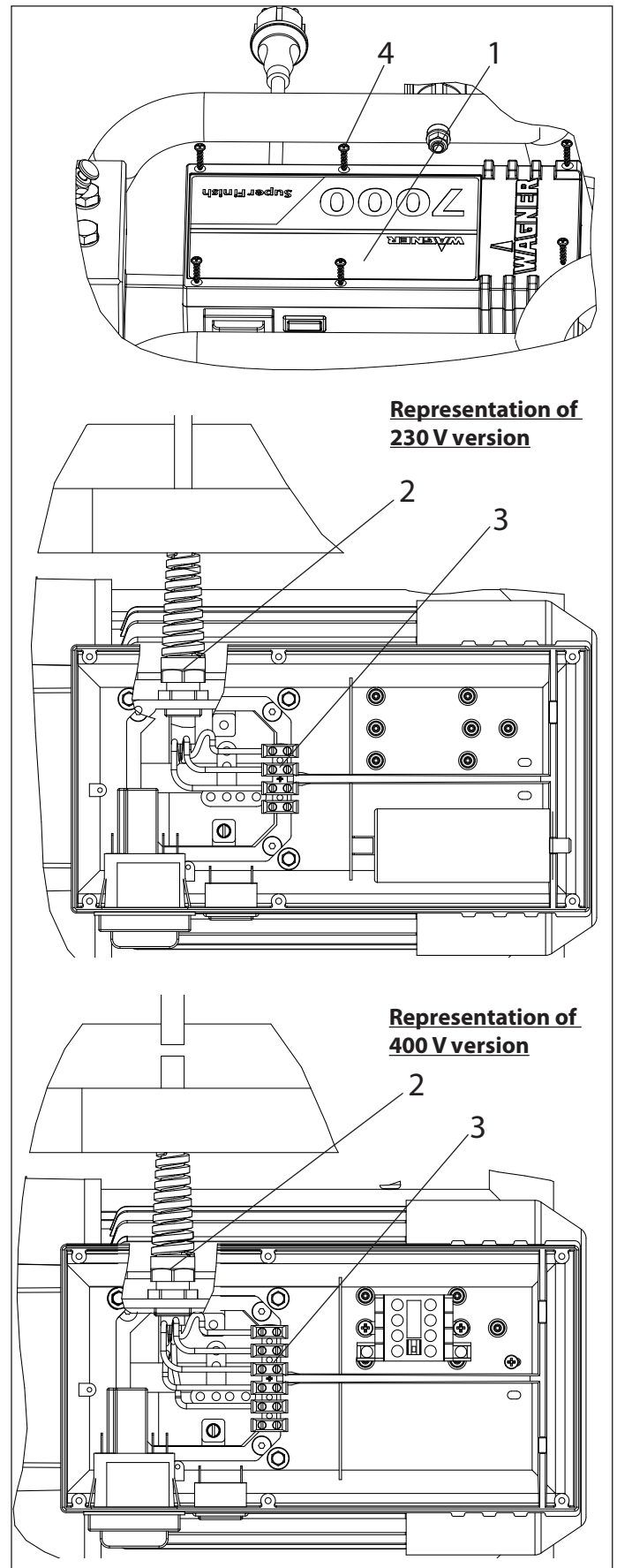
(failure becomes noticeable through performance loss and/or poor suction) The outlet valve is usually considerably more durable than the inlet valve. Thorough cleaning may already help here.

Relief valve (spare part Order No.: 0169248)

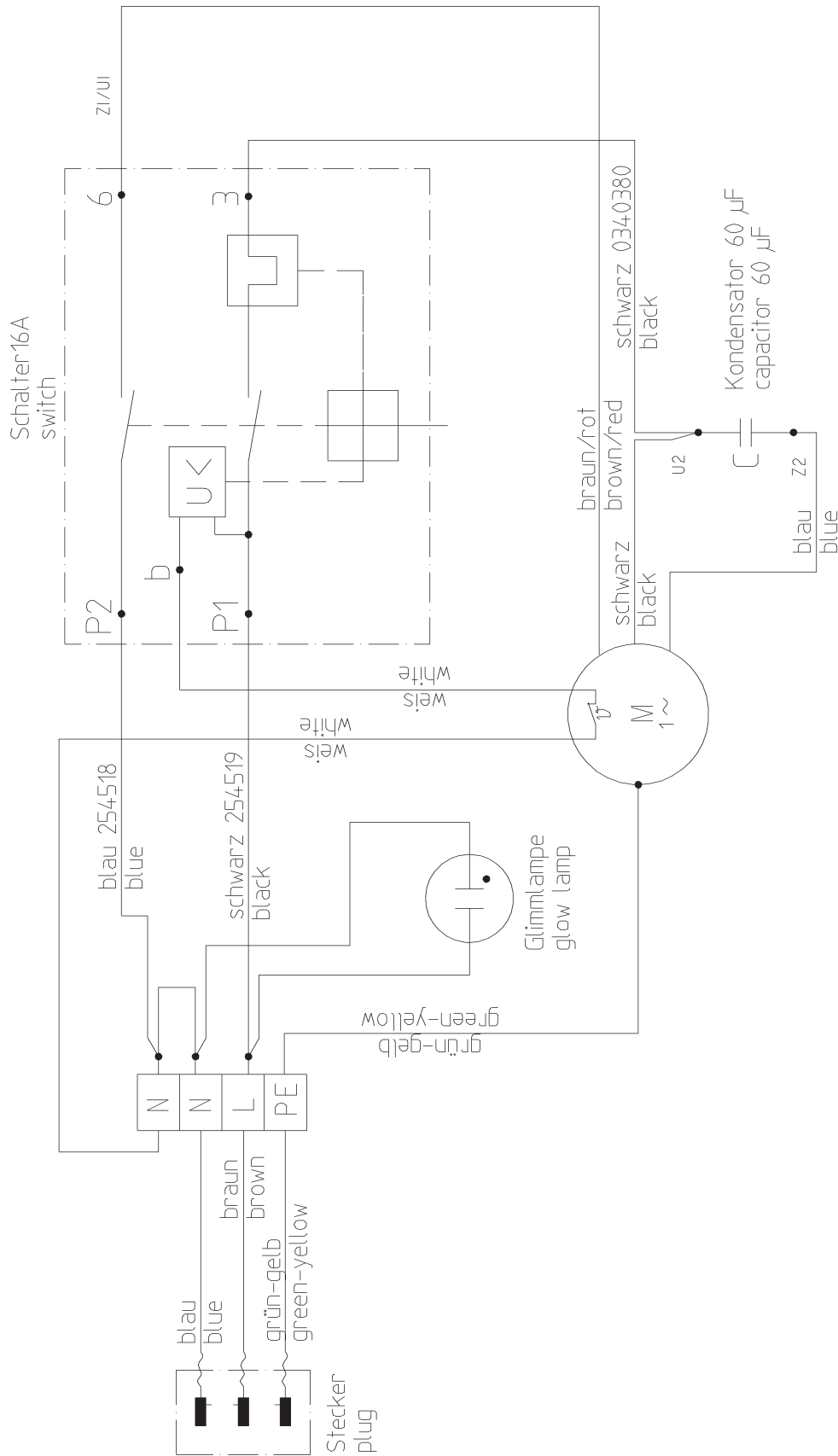
For replacing refer to Section 10.5

(failure is noticeable through performance loss. Furthermore material arrives constantly at the return hose although the multifunction switch is set to spraying.

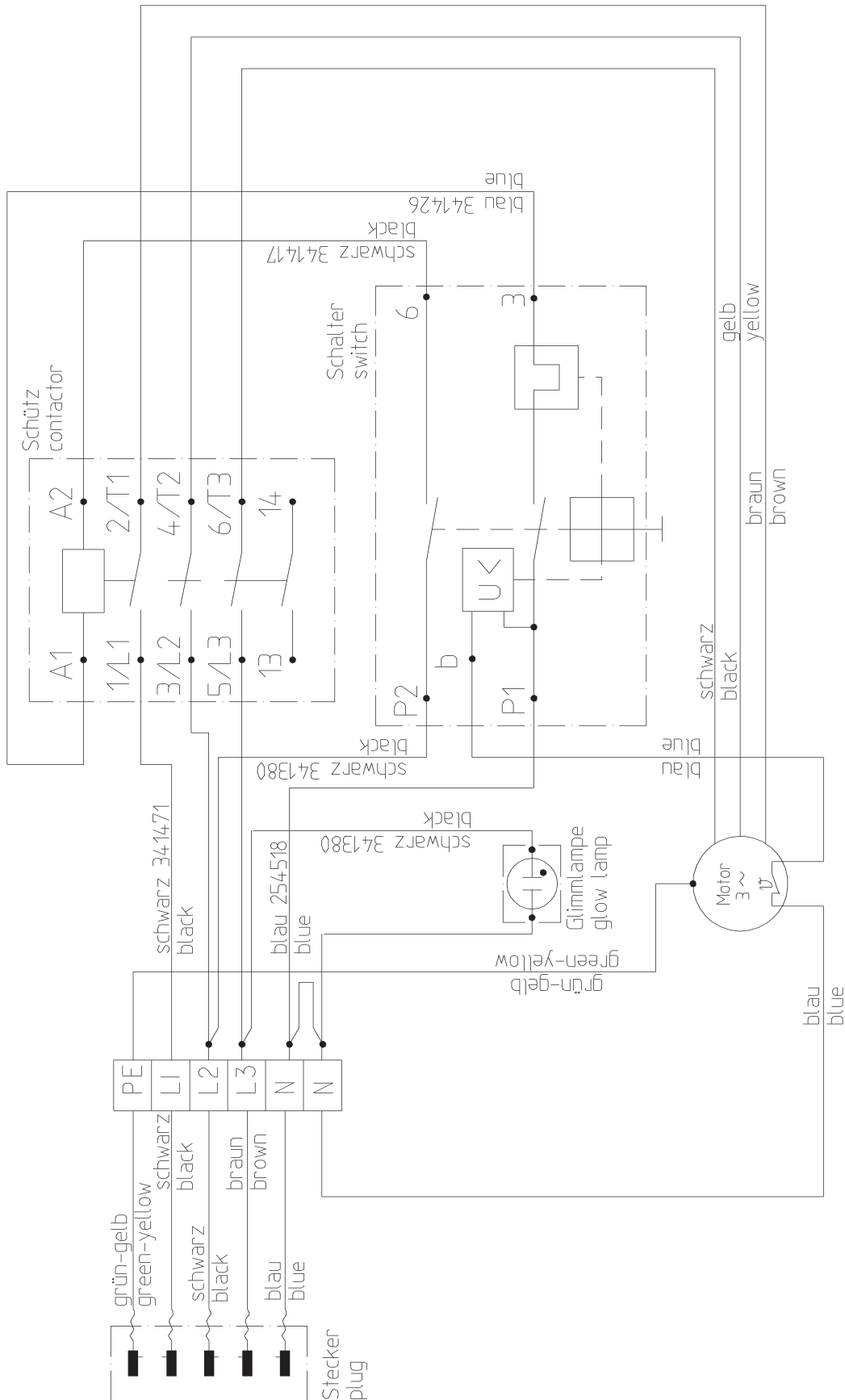
This part is relatively seldom a wear part.



10.9 CONNECTION DIAGRAM (230 VOLT VERSION)



CONNECTION DIAGRAM (400 VOLT VERSION)



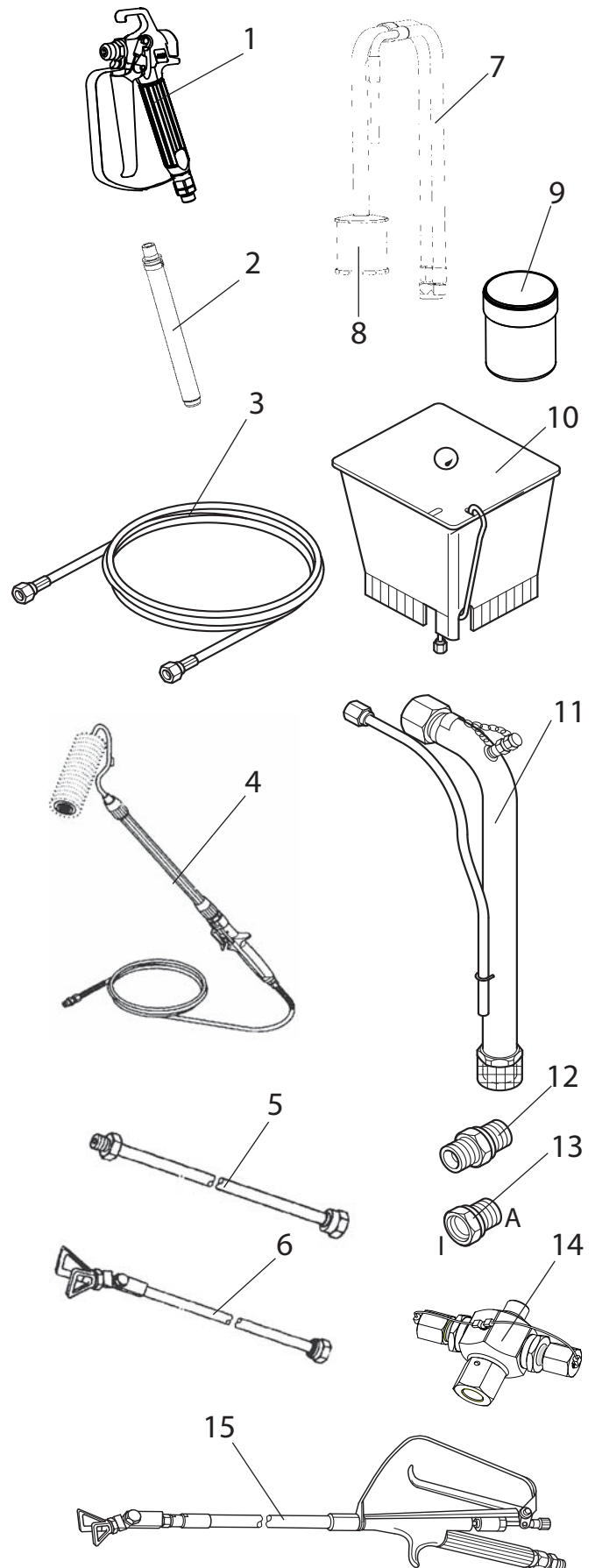
10.10 REMEDY IN CASE OF FAULTS

TYPE OF MALFUNCTION	WHAT ELSE?	POSSIBLE CAUSE	MEASURES FOR ELIMINATING THE MALFUNCTION
Unit does not start	Motor switch can not switched on Indicating lamp does not illuminate	No voltage applied 400V version N (neutral) conductor not connected	Check voltage supply Have mains connection checked by a skilled electrician
	Motor switch can not switched on Indicating lamp illuminates	Unit fuse has triggered	Let the motor cool down
	400V version Motor hums	Lines missing or interrupted	Have mains connection checked by a skilled electrician
Unit does not suck in	Air bubbles exit from the return hose	Unit is sucking in outside air	Check: Suction system tightened properly? Inlet valve button leaky? -> Replace wiper and O-ring (-> refer to Section 10.1)
	Air bubbles do not exit at the return hose	Inlet valve clogged	Press the inlet valve button until the stop is reached several times by hand
		Inlet/outlet valve soiled / foreign bodies (e.g. threads) drawn in / worn	Remove the valves and clean then (-> refer to Section Pkt.10.2/10.3) / replace worn parts
		Pressure control valve turned down completely	Turn the pressure control valve to the right until the stop is reached
Unit does not generate pressure	Unit has sucked in	Air in the oil circuit	Bleed the oil circuit in the unit by turning the pressure control valve completely to the left (until overturning) and let it run approx. 2 – 3 min. Then turn the pressure control valve to the right and set the spraying pressure (repeat process several times, if necessary).
	Unit reached pressure, but the pressure collapses, also at the pressure gage, during spraying.	Suction filter clogged	Check the suction filter. If necessary, clean/replace
		Paint cannot be worked in this state. Due to its properties the paint clogs the valves (inlet valve) and the delivery rate is too low.	Dilute the paint
	Unit reached pressure, but the pressure collapses during spraying. pressure gauge still shows high pressure	Clogged filter do not let enough paint pass	Check/clean the (high-pressure filter) gun filter
		Tip clogged	Clean the tip (-> refer to Section 8.4)
	Unit does not generate the max. pressure possible. Paint nevertheless exits at the return hose.	Relief valve defective	Clean or replace the relief valve (-> refer to Section 10.5)
Poor spray pattern		Tip clogged	Clean the tip (-> refer to Section 8.4)
		Incorrect nozzle size	Use different nozzle size
	During multiple-gun operation	Too many guns connected	Use fewer guns

11 SPARE PARTS AND ACCESSORIES

11.1 SUPER FINISH 7000 ACCESSORIES

ITEM	DESIGNATION	ORDER NO.
1	Spray gun AG-14; 1/4" (stainless steel) Spray gun AG-08; 1/4" (aluminium made)	0502 166 0296 388
2	Insert filter red, 1 pc. ; 180 MA Insert filter red, 10 pcs. ; 180 MA Insert filter yellow, 1 pc.; 100 MA Insert filter yellow, 10 pcs.; 100 MA Insert filter white, 1 pc.; 50 MA Insert filter white, 10 pcs.; 50 MA Insert filter green, 1 pc.; 30 MA Insert filter green, 10 pcs.; 30 MA	0034 383 0097 022 0043 235 0097 023 0034 377 0097 024 0089 323 0097 025
3	HP hose DN-3; 7.5m; 1/4" HP hose DN-8; 15m; 1/4" HP hose DN-10; 15m; 3/8" HP hose DN-13; 15m; 1/2"	9984 583 9984 582 9984 506 9984 568
4	Inline Roller	0345 010
5	Tip extension Length 15 cm Length 30 cm Length 45 cm Length 60 cm	0556 051 0556 052 0556 053 0556 054
6	Tip extension with Slewable knee joint Length 100 cm Length 200 cm Length 300 cm	0096 015 0096 016 0096 017
7	Suction system (flexible) complete	0034 630
8	Inlet filter	0036 580
9	Storage container for flexible suction system, complete with mounting parts	2306 366
10	Upper hopper fittings, 20 litres	0341 266
11	Suction system (rigid) for dispersions	0253 209
12	Double nipple with 2x60° 530bar A= 3/8"x3/8" Double nipple with 2x60° A= 1/2"x1/2" Reducing double nipple with 2x60° A= 1/2"x3/8" Reducing double nipple with 2x60° 530bar A= 3/8"x1/4" Double nipple with 2x60° A= 1/4"x1/4"	0256 343 3202 901 3203 026 0367 561 0034 038
13	Connecting piece cpl l=1/4"xA=3/8"	0179 732
14	Adapter for multiple-gun operation	230 4430
15	Pole gun 120cm; G thread 7/8" Pole gun 120cm; F thread 11/16" Pole gun 240cm; G thread 7/8" Pole gun 240cm; F thread 11/16"	0296 441 0296443 0296442 0296444
	Hose line	9984 458



Airless tip table

Wagner
Professional tip
up to 270 bar
(27 MPa)



without tip
F thread (11/16 - 16 UN)
for Wagner spray guns
Order no. 0556 042

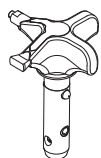
without tip
G thread (7/8 - 14 UN)
for Graco/Titan spray guns
Order no. 0556 041



Application		Tip marking	Spray angle	Bore inch / mm	Spraying width mm 1)	Order no.
Natural paints Clear paints Oils	Spray gun filter "RED"	407	40°	0.007 / 0.18	160	0552 407
		507	50°	0.007 / 0.18	190	0552 507
		209	20°	0.009 / 0.23	145	0552 209
		309	30°	0.009 / 0.23	160	0552 309
		409	40°	0.009 / 0.23	190	0552 409
		509	50°	0.009 / 0.23	205	0552 509
		609	60°	0.009 / 0.23	220	0552 609
Synthetic-resin paints PVC paints	Spray gun filter "YELLOW"	111	10°	0.011 / 0.28	85	0552 111
		211	20°	0.011 / 0.28	95	0552 211
		311	30°	0.011 / 0.28	125	0552 311
		411	40°	0.011 / 0.28	195	0552 411
		511	50°	0.011 / 0.28	215	0552 511
		611	60°	0.011 / 0.28	265	0552 611
Paints, primers Zinc chromate base Fillers	Spray gun filter "WHITE"	113	10°	0.013 / 0.33	100	0552 113
		213	20°	0.013 / 0.33	110	0552 213
		313	30°	0.013 / 0.33	135	0552 313
		413	40°	0.013 / 0.33	200	0552 413
		513	50°	0.013 / 0.33	245	0552 513
		613	60°	0.013 / 0.33	275	0552 613
		813	80°	0.013 / 0.33	305	0552 813
Fillers Spray plasters Rust protection paints	Spray gun filter "GREEN"	115	10°	0.015 / 0.38	90	0552 115
		215	20°	0.015 / 0.38	100	0552 215
		315	30°	0.015 / 0.38	160	0552 315
		415	40°	0.015 / 0.38	200	0552 415
		515	50°	0.015 / 0.38	245	0552 515
		615	60°	0.015 / 0.38	265	0552 615
		715	70°	0.015 / 0.38	290	0552 715
		815	80°	0.015 / 0.38	325	0552 815
Spray plasters Rust protection paints Red lead Latex paints	Spray gun filter "BLUE"	217	20°	0.017 / 0.43	110	0552 217
		317	30°	0.017 / 0.43	150	0552 317
		417	40°	0.017 / 0.43	180	0552 417
		517	50°	0.017 / 0.43	225	0552 517
		617	60°	0.017 / 0.43	280	0552 617
		717	70°	0.017 / 0.43	325	0552 717
		219	20°	0.019 / 0.48	145	0552 219
		319	30°	0.019 / 0.48	160	0552 319
		419	40°	0.019 / 0.48	185	0552 419
		519	50°	0.019 / 0.48	260	0552 519
		619	60°	0.019 / 0.48	295	0552 619
		719	70°	0.019 / 0.48	320	0552 719
		819	80°	0.019 / 0.48	400	0552 819
Mica paints Zinc dust paints Dispersions	Spray gun filter "ORANGE"	221	20°	0.021 / 0.53	145	0552 221
		421	40°	0.021 / 0.53	190	0552 421
		521	50°	0.021 / 0.53	245	0552 521
		621	60°	0.021 / 0.53	290	0552 621
		821	80°	0.021 / 0.53	375	0552 821
Rust protection paints	Spray gun filter "PURPLE"	223	20°	0.023 / 0.58	155	0552 223
		423	40°	0.023 / 0.58	180	0552 423
		523	50°	0.023 / 0.58	245	0552 523
		623	60°	0.023 / 0.58	275	0552 623
		723	70°	0.023 / 0.58	325	0552 723
		823	80°	0.023 / 0.58	345	0552 823
Dispersions Binder, glue and filler paints	Spray gun filter "PINK"	225	20°	0.025 / 0.64	130	0552 225
		425	40°	0.025 / 0.64	190	0552 425
		525	50°	0.025 / 0.64	230	0552 525
		625	60°	0.025 / 0.64	250	0552 625
		825	80°	0.025 / 0.64	295	0552 825
		227	20°	0.027 / 0.69	160	0552 227
		427	40°	0.027 / 0.69	180	0552 427
		527	50°	0.027 / 0.69	200	0552 527
		627	60°	0.027 / 0.69	265	0552 627
		827	80°	0.027 / 0.69	340	0552 827
		629	60°	0.029 / 0.75	285	0552 629
		231	20°	0.031 / 0.79	155	0552 231
		431	40°	0.031 / 0.79	185	0552 431
		531	50°	0.031 / 0.79	220	0552 531
		631	60°	0.031 / 0.79	270	0552 631
		433	40°	0.033 / 0.83	220	0552 433
		235	20°	0.035 / 0.90	160	0552 235
		435	40°	0.035 / 0.90	195	0552 435
		535	50°	0.035 / 0.90	235	0552 535
		635	60°	0.035 / 0.90	295	0552 635
		839	80°	0.039 / 0.99	480	0552 839
Large-area coatings	Spray gun filter "BROWN"	243	20°	0.043 / 1.10	185	0552 243
		543	50°	0.043 / 1.10	340	0552 543
		552	50°	0.052 / 1.30	350	0552 552

1) Spray width at about 30 cm to the object and 100 bar (10 MPa) pressure with synthetic-resin paint 20 DIN seconds.

2SpeedTip



The innovative changeover nozzle from WAGNER combines two nozzle cores into one nozzle.



2 Speed Tip holder
Order no. 0271065

Tip table

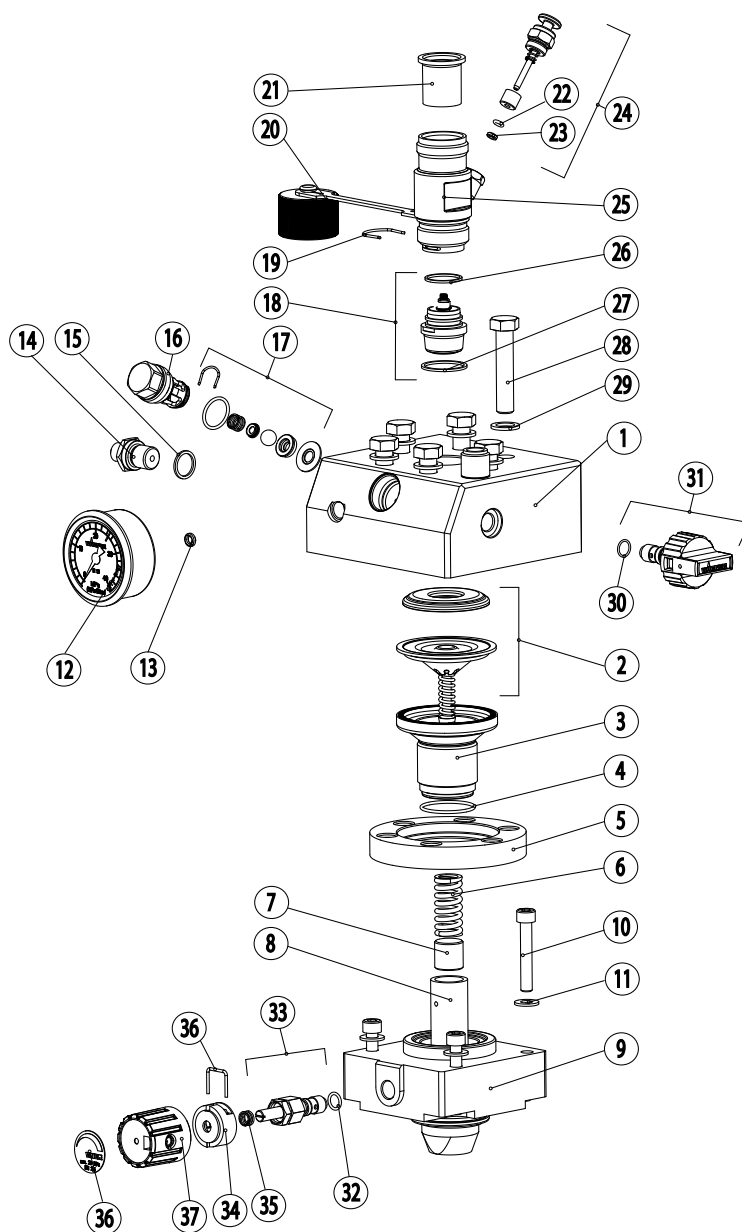
Object size	Painting material		
	Lacquer (L)	Emulsion (D)	Filler (S)
Small		D5 Nozzles: 111 / 415 Order no. 0271 062	S5 Nozzles: 225 / 629 Order no. 0271 064
		D7 Nozzles: 113 / 417 Order no. 0271 063	
	L10 Nozzles: 208 / 510 Order no. 0271 042	D10 Nozzles: 111 / 419 Order no. 0271 045	S10 Nozzles: 527 / 235 Order no. 0271 049
Medium	L20 Nozzles: 210 / 512 Order no. 0271 043	D20 Nozzles: 115 / 421 Order no. 0271 046	S20 Nozzles: 539 / 243 Order no. 0271 050
Large	L30 Nozzles: 212 / 514 Order no. 0271 044	D30 Nozzles: 115 / 423 Order no. 0271 047	S30 Nozzles: 543 / 252 Order no. 0271 051
X-Large		D40 Nozzles: 117 / 427 Order no. 0271 048	
Recommended gun filter	red	white	-

11.2 SPARE PARTS LIST PUMP HEAD

ITEM	ORDER-NO	DESIGNATION
1	0254 235	Paint head
2	0254 232	Diaphragm assy.
3	0341 314	Screw flange
4	9971 469	O-ring 35x2 (PTFE)
5	0341 315	Flange ring
6	0034 357	Pressure spring
7	0254 341	Insert, piston
8	0254 340	Piston D26
9	0254 230	Pressure insert assy.
10	9900 377	Cylinder head screw M8x 50 (4)
11	9920 102	Washer 8,4 (4)
12	9991 797	Manometer
13	9970 109	Sealing ring
14	0047 432	Double socket 1/4" NPS/M16x1,5
15	9970 103	Sealing ring
16	0341 325	Valve guide </td
17	0341 702	Outlet valve, service set
18	0254 524	Inlet valve
19	0341 336	Clasp
20	9990 865	Dust protective cap
21	0340 339	Inlet
22	9971 486	O-ring 4x2 (FFPM)
23	0341 316	Wiper
24	0341 241	Inlet valve button
25	0252 279	Trigger housing
26	0341 331	Sealing ring
27	0341 330	Sealing ring
28	9900 217	Hexagon head screw M12x60 (6)
29	9920 204	Washer 13 (6)
30	9971 395	O-ring 10x1,25
31	0169 248	Relief valve (item. 30,31)
32	9971 365	O-ring 9,25x1,78
33	0252 294	Control valve assy. (item. 32,33)*
34	0010 859	Stop sleeve*
35	0010 861	Pressure spring*
36	0010 858	Clasp*

37	0341 219	Pressure regulating knob*
38	0341 599	Label

* When these parts are replaced the operating pressure has to be set again by the customer service.

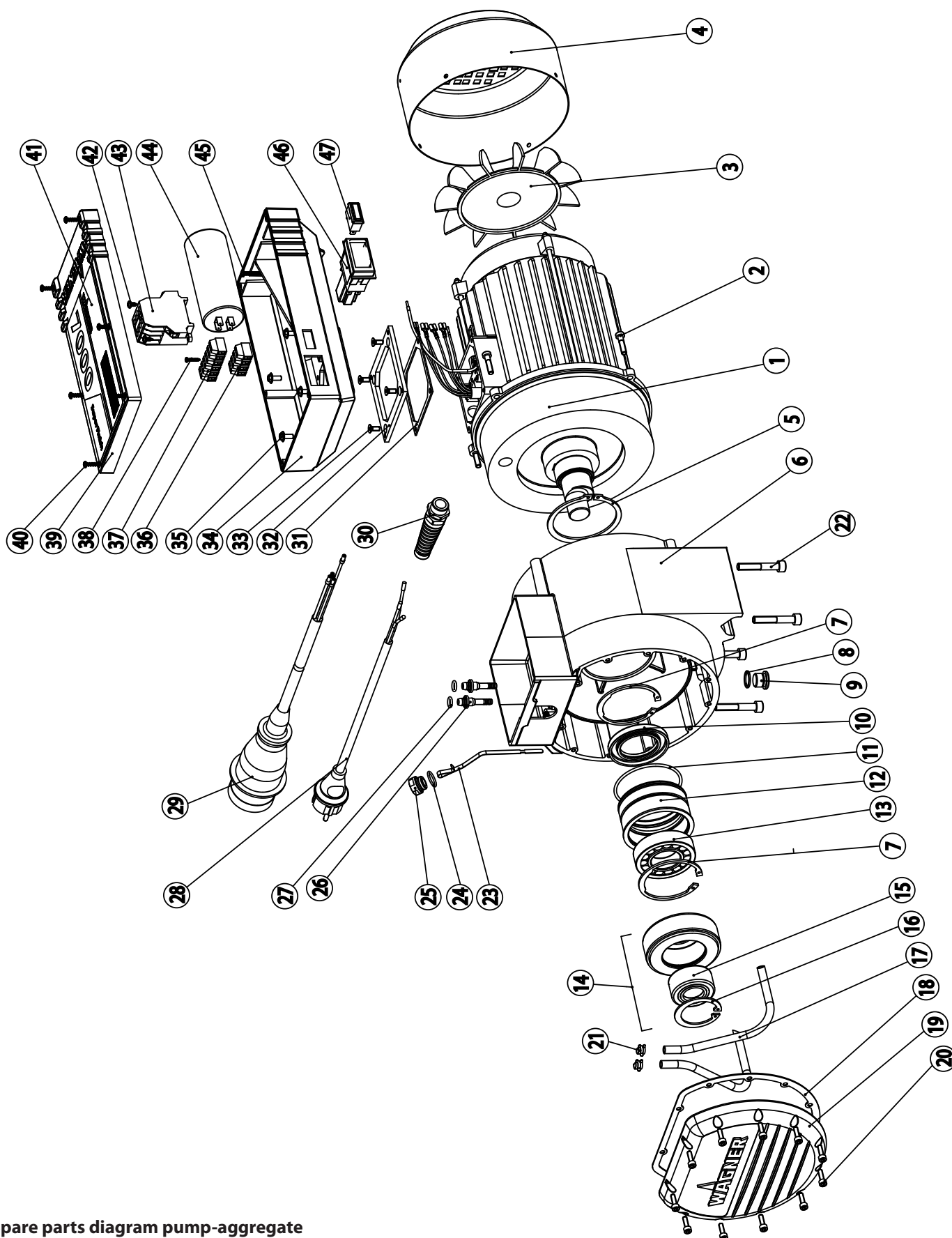


Spare parts diagram pump head

11.3 SPARE PARTS LIST PUMP-AGGREGATE

ITEM	ORTDER-NO	DESIGNATION
1	0254 221	Motor partition assembled 230V/50Hz (item. 1,3, 4)
	2306 246	Motor partition assembled 400V/50Hz (item. 1,3, 4)
2	3050 814	Hexagon screw M6x25 (4)
3	0254 520	Fan
4	0254 521	Fan cowl
5	2301 762	Snap ring 82x2,5 DIN 471
6	2304 436	Hydraulics housing (pos. 6 and 26)
7	3056 464	Snap ring 72x2,5 DIN 472
8	9970 103	Sealing ring
9	9904 302	Hexagon socket screw plugs
10	0254 516	Shaft sealing ring
11	0115 437	O-ring
12	0254 327	Bearing adaptor
13	0254 515	Bearing, cylinder roller
14	0254 233	Bearing, eccentric assy. (incl. item 15, 16)
15	9960 431	Roller bearing
16	9922 603	Snap ring 52x2 DIN 472
17	0254 356	Oil line
18	0254 322	Cover seal
19	0254 321	Front cover assy.
20	9900 307	Cylinder head screw M5x16 (11)
21	0288 406	Hose clip
22	9900 377	Cylinder head screw M8x50 (4)
23	0341 348	Oil dipstick
24	9971 146	O-ring
25	0252 453	Oil cap screw
26	0190 370	Adapter
27	9971 315	O-ring
28	0261 352	Mains cable (230V version) H07RN-F3G1,5 6m long
29	2306 340	Mains cable (230V version) H07RN-F5G 1,5 6m long; CEE 16A-6h
30	9952 685	Cable threaded joint M20x1,5
31	0254 336	Seal
32	0254 337	Intermediate plate
33	9900 518	Hex. socket counters. head screw M5x12 (4)

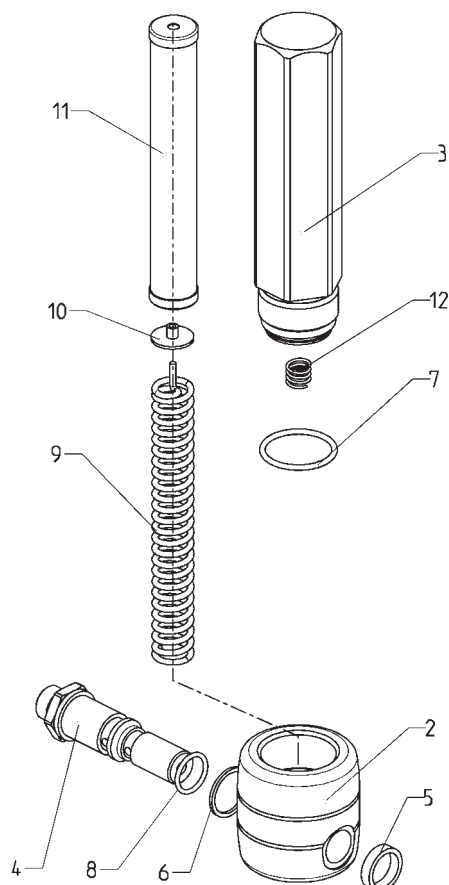
34	0254 335	Electric box
35	9900 249	Hex washer head screw M5x12 (4)
36	9950 244	Terminal strip (230V version)
37	2306 244	Terminal strip (400V version)
38	9902 234	Pan head screw ST 2,9x16 (1)
39	0254 334	Cover
40	9905 103	Pan head screw ST4,3x19 (6)
41	0254 346	Label SF 7000
42	9902 228	Pan head screw 4,2 x 9,5 (2) (400V version)
43	2306 174	Miniature contactor (400V version)
44	9952 870	Capacitor 60µF (230V version)
45	9902 209	Pan head screw ST 3,9x25 (1)
46	9953 704	Motor protection switch
47	2301 766	Green glow lamp



Spare parts diagram pump-aggregate

11.4 SPARE PARTS LIST HIGH-PRESSURE FILTER (ACCESSORY)

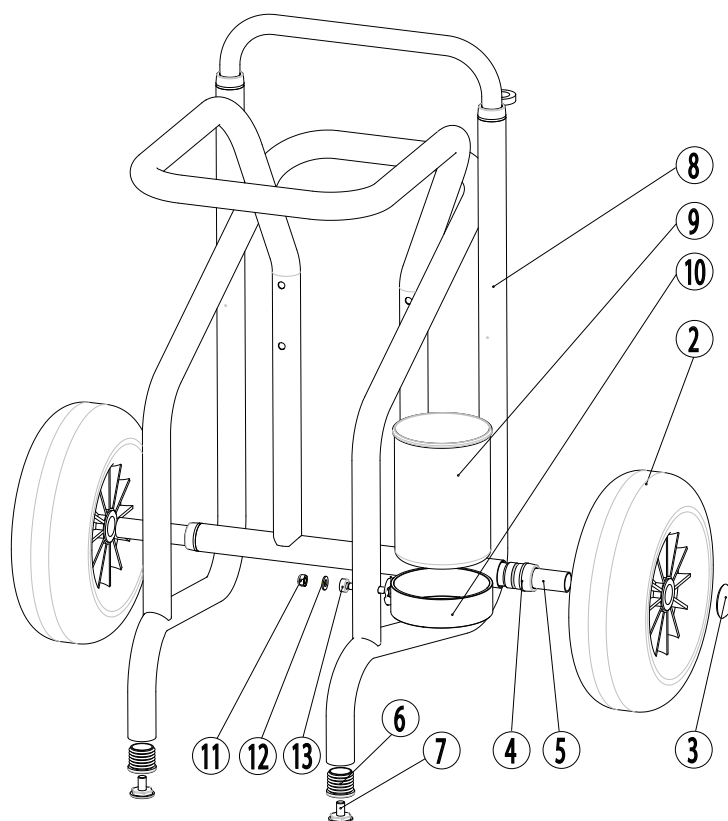
ITEM	ORDER NO.	DESIGNATION
1	0097 121	High-pressure filter HF- 01 compl.
2	0097 301	Filter block
3	0097 302	Filter housing
4	0097 303	Hollow screw
5	0097 304	Seal ring
6	9970 110	Seal ring
7	9974 027	O-ring 30x2 (PTFE)
8	9971 401	O-ring 16x2 (PTFE)
9	0508 749	Bearing spring
10	0508 603	Bearing ring
11	0508 748	Filter insert 60 meshes
	0508 450	Optional: Filter insert 100 meshes
	0508 449	Filter insert 30 meshes
12	9994 245	Pressure spring



Spare parts diagram high-pressure filter

11.5 SPARE PARTS LIST TROLLEY

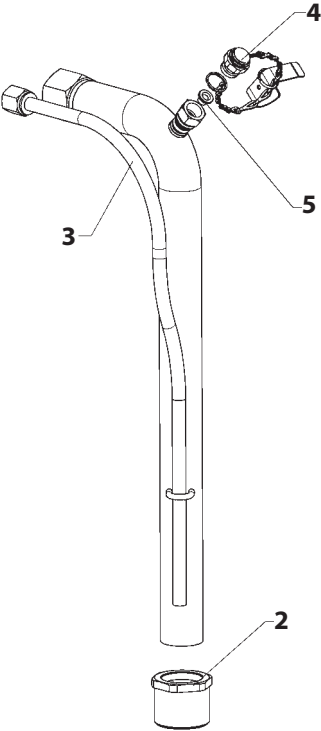
ITEM	ORDER-NO.	DESIGNATION
1	0254 240	Trolley assy.
2	0348 349	Wheel (2)
3	9994 902	Wheel cap (2)
4	0254 372	Handle leading
5	0254 373	Axis
6	0254 368 2313 983	Plug, tube end (230 V version) Plug, tube end (400 V Version)
7	0254 369 2313 984	Adjustment screw (230 V version) Rubber base (400 V Version)
8	2302 242	Trolley partitional assy.
	2306 366	Accessory Storage container for flexible suction system, complete with mounting parts (items 9-13)



Spare parts diagram trolley

11.6 SPARE PARTS LIST SUCTION SYSTEM (RIGID)

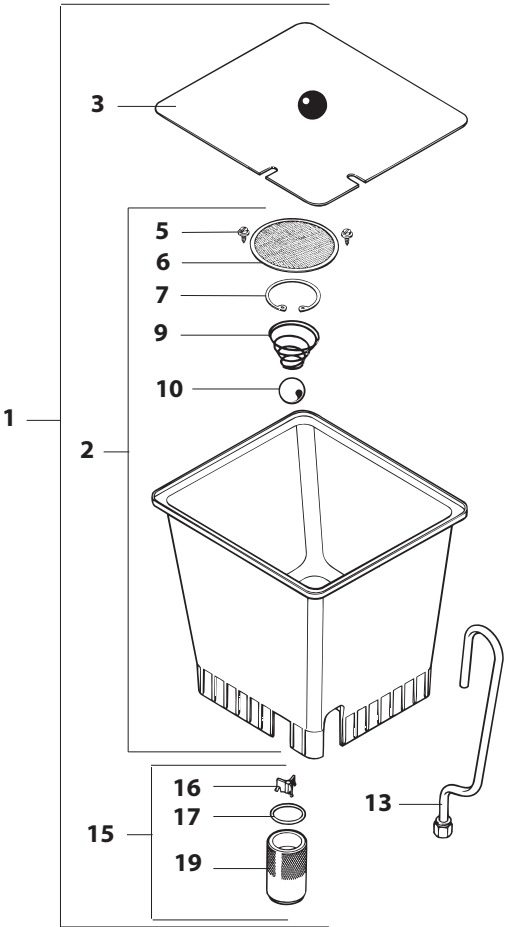
ITEM	ORDER NO.	DESIGNATION
1	0341 263	Suction system compl.
2	0341 435	Filter, mesh width 1 mm
	0253 244	Optional: Filter, mesh width 0.8 mm
3	0253 211	Return tube
4	0341 260	Hexagon cap nut with chain and clamp
5	0341 367	Seal



Spare parts diagram suction system (rigid)

11.7 SPARE PARTS LIST HOPPER

ITEM	ORDER-NO	DESIGNATION
1	0341 266	Upper hopper fittings, 20 litres
2	0097 269	Upper hopper without cover
3	0097 270	Cover
5	9902 306	Combination sheet metal screw 3.9 x 13
6	0097 521	Filter disk, mesh width 0.8 mm
7	9922 609	Securing ring 37 x 1.5
9	0037 776	Pressure spring
10	9941 509	Ball 30
13	0097 295	Return pipe
15	0097 271	Container adapter
16	0037 756	Valve support </td
17	9971 065	O-ring 44 x 3
19	0097 522	Container acceptance



Spare parts diagram hopper

TESTING OF THE UNIT

For safety reasons, we would recommend having the device checked by an expert as required but at least every 12 months to ensure that it can continue to operate safely.

In the case of unused devices, the check can be postponed until they are next started up.

All (potentially deviating) national inspection and maintenance regulations must also be observed.

If you have any questions, please contact the customer service team at Wagner.

IMPORTANT INFORMATION ON PRODUCT LIABILITY

An EU directive valid since 01.01.1990 specifies that the manufacturer is only liable for his products if all the parts originate from the manufacturer or are approved by him, and if the units are mounted and operated properly.

If accessories or spare parts from third parties are used, liability can be partially or completely inapplicable. In extreme cases the responsible authorities can prohibit the use of the entire unit (German industrial employer's liability insurance association and factory inspectorate).

With original WAGNER accessories and spare parts, compliance with all safety regulations is guaranteed.

NOTE ON DISPOSAL

In observance of the European Directive 2002/96/EC on waste electrical and electronic equipment and implementation in accordance with national law, this product is not to be disposed of together with household waste material but must be recycled in an environmentally friendly way!



Wagner or one of our dealers will take back your used Wagner waste electrical or electronic equipment and will dispose of it for you in an environmentally friendly way. Please ask your local Wagner service centre or dealer for details or contact us direct.

GUARANTEE DECLARATION

(Status 01.02.2009)

1. Scope of guarantee

All Wagner professional colour application devices (hereafter referred to as products) are carefully inspected, tested and are subject to strict checks under Wagner quality assurance. Wagner exclusively issues extended guarantees to commercial or professional users (hereafter referred to as "customer") who have purchased the product in an authorised specialist shop, and which relate to the products listed for that customer on the Internet under www.wagner-group.com/profi-guarantee.

The buyer's claim for liability for defects from the purchase agreement with the seller as well as statutory rights are not impaired by this guarantee.

We provide a guarantee in that we decide whether to replace or repair the product or individual parts, or take the device back and reimburse the purchase price. The costs for materials and working hours are our responsibility. Replaced products or parts become our property.

2. Guarantee period and registration

The guarantee period amounts to 36 months. For industrial use or equal wear, such as shift operations in particular, or in the event of rentals it amounts to 12 months.

Systems driven by petrol or air are also guaranteed for a 12 month period.

The guarantee period begins with the day of delivery by the authorised specialist shop. The date on the original purchase document is authoritative.

For all products bought in authorised specialist shops from 01.02.2009 the guarantee period is extended to 24 months providing the buyer of these devices registers in accordance with the following conditions within 4 weeks of the day of delivery by the authorised specialist shop.

Registration can be completed on the Internet under www.wagner-group.com/profi-guarantee.

The guarantee certificate is valid as confirmation, as is the original purchase document that carries the date of the purchase. Registration is only possible if the buyer is in agreement with having the data being stored that is entered during registration.

When services are carried out under guarantee the guarantee period for the product is neither extended nor renewed.

Once the guarantee period has expired, claims made against the guarantee or from the guarantee can no longer be enforced.

3. Handling

If defects can be seen in the materials, processing or performance of the device during the guarantee period, guarantee claims must be made immediately, or at the latest within a period of 2 weeks.

The authorised specialist shop that delivered the device is entitled to accept guarantee claims. Guarantee claims may also be made to the service centres named in our operating instructions. The product has to be sent without charge or presented together with the original purchase document that includes details of the purchase date and the name of the product. In order to claim for an extension to the guarantee, the guarantee certificate must be included.

The costs as well as the risk of loss or damage to the product in transit or by the centre that accepts the guarantee claims or who delivers the repaired product, are the responsibility of the customer.

4. Exclusion of guarantee

Guarantee claims cannot be considered

- for parts that are subject to wear and tear due to use or other natural wear and tear, as well as defects in the product that are a result of natural wear and tear, or wear and tear due to use. This includes in particular cables, valves, packaging, jets, cylinders, pistons, means-carrying housing components, filters, pipes, seals, rotors, stators, etc. Damage due to wear and tear that is caused in particular by sanded coating materials, such as dispersions, plaster, putty, adhesives, glazes, quartz foundation.
- in the event of errors in devices that are due to non-compliance with the operating instructions, unsuitable or unprofessional use, incorrect assembly and/or commissioning by the buyer or by a third party, or utilisation other than is intended, abnormal ambient conditions, unsuitable coating materials, unsuitable operating conditions, operation with the incorrect mains voltage supply/frequency, over-operation or defective servicing or care and/or cleaning.
- for errors in the device that have been caused by using accessory parts, additional components or spare parts that are not original Wagner parts.
- for products to which modifications or additions have been carried out.
- for products where the serial number has been removed or is illegible
- for products to which attempts at repairs have been carried out by unauthorised persons.
- for products with slight deviations from the target properties, which are negligible with regard to the value and usability of the device.
- for products that have been partially or fully taken apart.

5. Additional regulations.

The above guarantees apply exclusively to products that have been bought by authorised specialist shops in the EU, CIS, Australia and are used within the reference country.

If the check shows that the case is not a guarantee case, repairs are carried out at the expense of the buyer.

The above regulations manage the legal relationship to us conclusively. Additional claims, in particular for damages and losses of any type, which occur as a result of the product or its use, are excluded from the product liability act except with regard to the area of application.

Claims for liability for defects to the specialist trader remain unaffected.

German law applies to this guarantee. The contractual language is German. In the event that the meaning of the German and a foreign text of this guarantee deviate from one another, the meaning of the German text has priority.

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Division Professional Finishing
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88677 Markdorf
Federal Republic of Germany

Subject to modifications · Printed in Germany

WAGNER

J. Wagner GmbH Otto Lilienthal-Str.18 D-88677 Markdorf

(D)

CE Konformitätserklärung

Hiermit erklären wir, daß die Bauart von
Airless Hochdruck-Spritzgerät

(GB)

CE Declaration of conformity

Herewith we declare that the supplied
version of
Airless high-pressure spraying unit

(F)

CE Déclaration de conformité

Par la présente, nous déclarons, que le
type de
Groupe de projection à haute pression

(I)

CE Dichiarazione di conformità

Si dichiara che il modello
Impianto per la verniciatura a spruzzo ad
alta pressione Airless

WAGNER Super Finish 7000 1 ~ 230V/ 50Hz; Super Finish 7000 3 ~ 400V 50Hz

folgenden einschlägigen Bestimmungen
entspricht:

2006/42 EG, 2004/108 EG,
2006/95 EG

Angewendete harmonisierte Normen,
insbesondere:

complies with the following provisions
applying to it:

2006/42 EC, 2004/108 EC,
2006/95 EC

Applied harmonized standards, in
particular:

correspond aux dispositions pertinentes
suivantes:

2006/42 CE, 2004/108 CE,
2006/95 CE

Normes harmonisées utilisées, notamment:

é conforme alle sequenti disposizioni
pertinenti:

2006/42 CE, 2004/108 CE,
2006/95 CE

Norme armonizzate applicate,
in particolare:

EN ISO 12100-1/-2, EN 60204-1, EN 55014-1 (2007-06), EN 55014-2 (2009-06), EN 61000-3-2 (2006-10)

Angewendete nationale technische
Spezifikationen, insbesondere:

Applied national technical standards and
specifications, in particular:

Normes et specifications techniques
nationales qui ont été utilisées,
notamment:

Norme e specificazioni tecniche nazionali
applicate, in particolare:

Markdorf, 29.12.2009
Location, Date

BGR 500 /2/ Kapitel 2.29, 2.36

Signature

Vice President Product
Planning & Strategy

Hr. T. Jeltsch (Mr.)

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