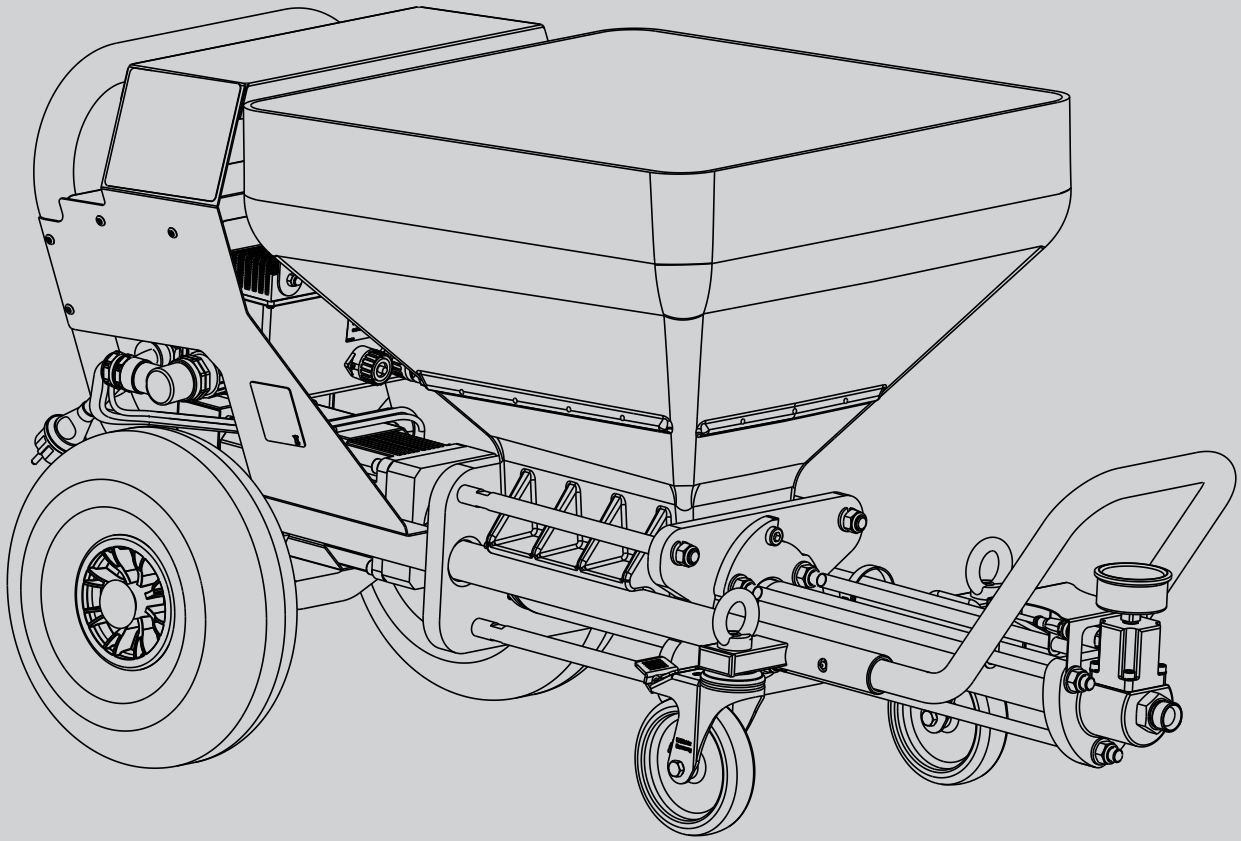


PLAST COAT HP 30

DE EN DA SV

ORIGINALBETRIEBSANLEITUNG

wagner-group.com

WAGNER

Translation of the original operating instructions

WARNING!

Attention, danger of injury by injection!

Unit develops extremely high spray pressures.

	
1	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. 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.
2	**The following points are to be observed in accordance with the operating manual before every start-up:** 1. Faulty units may not be used. 2. Secure a Wagner spray gun. 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	**Instructions for regular cleaning and maintenance of the unit are to be observed strictly.** **Observe the following rules before any work on the unit and at every working break:** 1. Relieve the pressure from the spray gun and high-pressure hose. 2. Secure a Wagner spray gun. 3. Switch the unit off.

Ensure safety!

Table of Contents

1 SAFETY REGULATIONS

The following sources are just a sample of those containing safety requirements for mortar conveyors:

a) EN 12001, Conveying, spraying and placing machines for concrete and mortar - Safety requirements

All local safety regulations in force must be observed.

The following specifications are to be observed in particular to handle machines safely:

Usage of the machine

The PlastCoat HP 30 may only be used to process the coating materials described on page 29. **Any other usage is not allowed.**
Proper usage also includes the observance of the operating manual and the observance of the inspection and maintenance conditions. Always keep the operating manual on hand at the point of use of the machine.
The PlastCoat HP 30 may only be operated with a manometer.
Only the mortar hose specified by the manufacturer may be used.
Use only marked mortar hoses with at least 120 bars operating pressure.
Only use original Wagner spare parts and accessories.
The machine is intended exclusively for commercial use by professionals.

Protection of persons

In order to protect eyes, skin and the respiratory organs: **Wear safety goggles, protective clothing, gloves, possibly use protective skin cream and respiratory equipment**. Do not decouple the high pressure hose as long as it is under pressure. Watch the manometer! Wear safety goggles! Do not point the spray gun at persons!
In order to protect your ears **wear ear protection.**
Wear safety shoes when transporting the machine or working with it.
People not needed to assist with machine installation, assembly or operation, must keep away from the machine.
Always secure the spray gun when fitting or dismantling the nozzle and if temporarily stopping work.

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

The PC HP 30 is equipped with an EMERGENCY STOP switch for emergencies.

Breathing masks

Make a breathing mask available to the processor in order to protect against mineral dust.

Connection to the mains network only via a special feeding point, for example via a distribution board for construction sites, with residual current protective device with INF ≤ 30 mA.

	**Risk of injury from escaping material. Before switching on, always check that the trigger guard on the spray gun is secured. Secure the trigger guard whenever work is interrupted.**

	**Never operate the machine if the rotor is exposed or if the container has been removed. Do not reach into the rotor when it is moving. Risk of crushing. Caution if you have long hair. Only wear close-fitting clothes at work. Do not insert objects or body parts through the protective grid. Risk of crushing when folding in the handles, assembling the pump unit and connecting the mortar hose.**

Cleaning and maintenance

Never decouple high pressure hose or disassemble machine when under pressure. Note pressure reading on pressure gauge.
When performing maintenance work, always switch off machine, disconnect mains plug and ensure it cannot be plugged back in by mistake.
Do not spray down the motor and control unit of the machine with a water-jet, high-pressure cleaner or high-pressure steam cleaner. Danger of short-circuits caused by water ingressing.

Electrical equipment

Work on the machine's electrical equipment may be carried out only by a qualified electrician. The electrical equipment is to be checked regularly. Eliminate faults such as loose connections or scorched cables.

Keep the stickers and notices on the machine clean and legible.

	**Whenever the machine is automatically brought to a standstill or during power failure, immediately move the selector switch to "0" to prevent the machine starting back up again unintentionally. There is a danger of injury.**

High Pressure Hose

Danger	Attention, danger of injury by injection! Wear and tear and kinks as well as usage that is not appropriate to the purpose of the device can cause leakages to form in the high-pressure hose. Liquid can be injected into the skin through a leakage.

- High-pressure hoses must be checked thoroughly before they are used.
- Replace any damaged high-pressure hose immediately.
- Never repair defective high-pressure hoses yourself!
- Avoid sharp bends and folds: the smallest bending radius is about 20 cm.
- Do **not drive over** the high-pressure hose. Protect against sharp objects and edges.
- Never pull on the high-pressure hose to move the device.
- Do not twist the high-pressure hose.
- Do not put the high-pressure hose into solvents. Use only a wet cloth to wipe down the outside of the hose.
- Lay the high-pressure hose in such a way as to ensure that it cannot be tripped over.

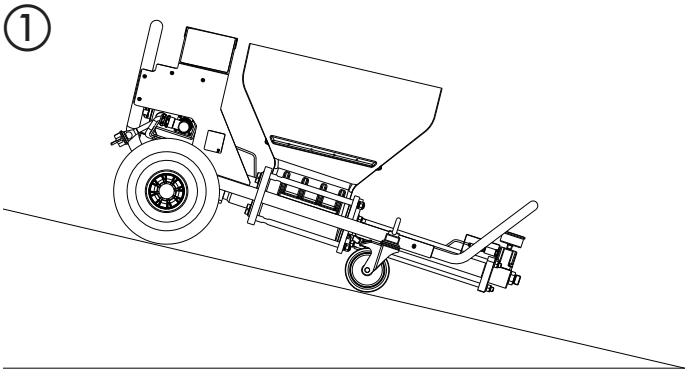
i	Only use WAGNER original-high-pressure hoses in order to ensure functionality, safety and durability.

i	The risk of damage rises with the age of the high-pressure hose. Wagner recommends replacing high-pressure hoses after 6 years.

Setup on an uneven surface

The machine must be installed as shown in the diagram below to prevent it slipping (outlet unit pointing downwards). Block front wheels with brakes.

①



2 INTRODUCTION TO WORKING WITH PLASTCOAT HP 30

PlastCoat HP 30 is designed for the use and processing of ready-mixed mineral or paste-like coating materials.
The machine is not designed for use as a cleaning device.

2.1 FUNCTION OF THE PLASTCOAT HP 30

The coating material is supplied by means of the container. The spiral conveyor feeds the coating material to the eccen-tric screw pump. The suction effect causes the coating material to enter the eccentric screw pump. This pump builds up the pressure required for transportation through the hose. The coating material flows to the spray gun and is atomised as it exits the nozzle.
A soft even spray pattern can be achieved by means of the smoothly regulated convey capacity of the coating material.

2.2 PROCESSIBLE COATING MATERIALS

- Airless filling compounds (max. grain size 0.3 mm)
- Dispersion filling compounds (max. grain size 0.3 mm)
- Outdoor and indoor water-based dispersion paints*
- Water-based primers*

* To process this material, the dispersion set (Art. No. 2400684) will be needed.

i	When processing spray filler and similar materials, do not use a gun filter as the filter can otherwise become blocked.

All the coating materials must be suitable for machine processing. Refer to the product data sheet of the coating material to be processed.
For cleaning and maintenance, only use liquids approved by Wagner.

i	Stir the coating material well before starting work to optimise its flow properties. 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.
i	Warm material can be processed better (room temperature recommended).

Use other coating materials only after agreement with the manufacturer or the WAGNER application technology service.

3 TECHNICAL DATA

	PlastCoat HP 30
Voltage:	230 V~, 50/60 Hz
Fusing:	16 A time-lag
Device supply cable:	5 m long, 3 x 2.5 mm^2
Motor output P_1:	2.3 kW
Max. convey capacity (water):	6.8 l/min
Max. convey capacity (Airless dispersion spray putty):	10 kg/min *
Max. operating pressure:	12.0 MPa (120 bar)
Dimensions L x W x H:	1220 x 550 x 620 mm
Container capacity:	50 l
Weight:	72 kg
Max. tyre pressure:	2.5 bar
Degree of protection:	IP 54
Max. sound pressure level:	70 dB (A)**
Max. high pressure hose length:	20 m (and 2.5 m hose whip), 10 m recommended
Required diameter of high pressure hose:	DN 19 (fillers) DN 10 (dispersion paints)
Max. delivery height:	20 m

* Measured in accordance with VDMA 24284

**Place of measurement: 1 m distance from unit and 1.60 m above reverberant floor.

4 EXPLANATORY DIAGRAM FOR PLASTCOAT HP 30

1 Control unit

2 Indicator light red (indicates the presence of a malfunction)

3 Operating light green (indicates that mains voltage is present)

4 Control panel with selector switch for operating mode and Pressure regulator

5 EMERGENCY STOP switch

6 Base frame with wheels

7 Connection of the pressure sensor control cable

8 Pressure sensor control cable

9 High-pressure hose

10 Spray gun

11 Container

12 Loading area

13 Outlet unit with inside screw pump

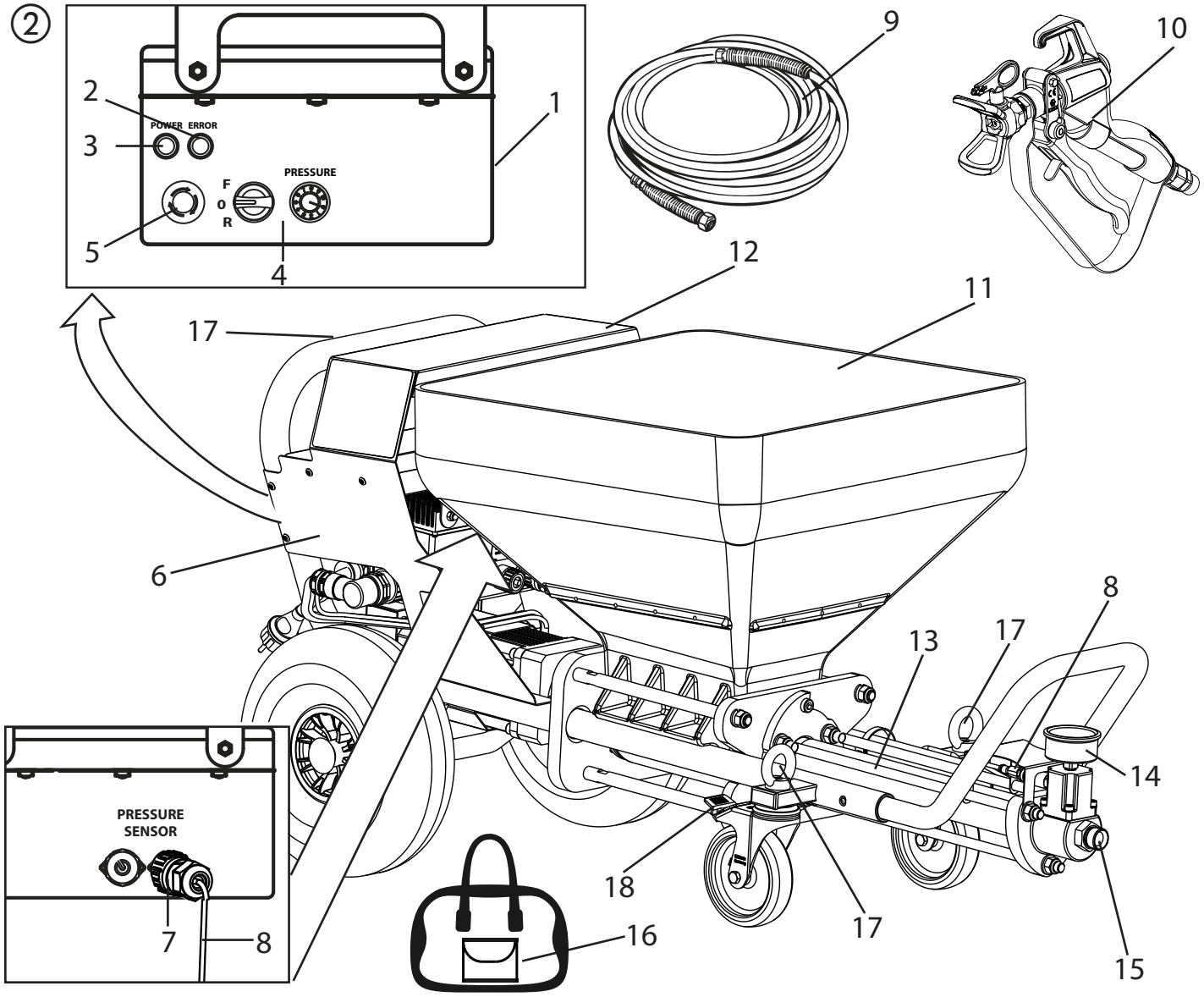
14 Pressure gauge **(must not be loosened or removed)**

15 Connection for high-pressure hose

16 Toolbag

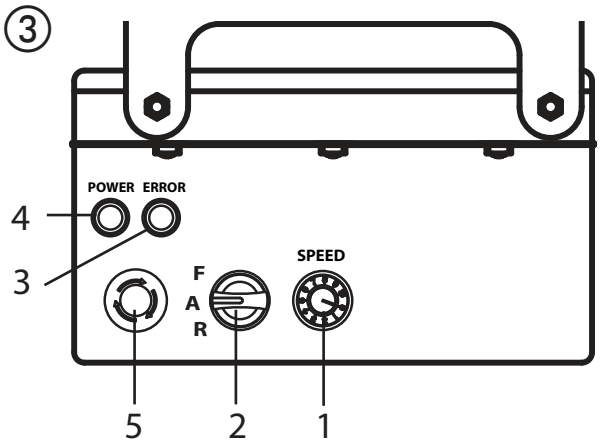
17 Hanging hook for crane transport (see also Section 5.2)

18 Brake



4.1 OPERATING ELEMENTS AND DISPLAYS ON DEVICE

1 Pressure regulator (Step 0-10)
2 Selector switch for operating mode
3 Indicator light (Error)
4 Operating light (Power)
5 EMERGENCY STOP switch

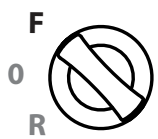
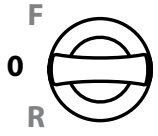
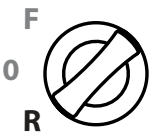


The pressure can be adjusted using the pressure regulator (Fig. 3, 1):

0	Pump switched off
1-4 (yellow area, 25 bar)	Setting for pre-filling and cleaning
5-10 (green area, 26-120 bar)	Setting of the required working pressure (max. 120 bar)

i	The corresponding colour areas and exact pressure are displayed on the pressure gauge.

The selector switch (Fig. 3, 2) offers the following modes:

	"F" position = Forward/Feed Basic setting for working The pump is switched on and off by pulling and releasing the trigger guard on the gun.
	„0" position = No activity The machine is ready for operation but the pump is not yet running.
	"R" position = reverse gear This setting is required for: • relieving pressure on the high pressure hose

Detailed explanation of selector switch use:
If the selector switch is in position "F", the PC HP 30 can be switched on and off using the trigger guard on the spray gun. The operating light (green, Fig. 3, 4) indicates that the machine is energised and ready.
When the mains plug is connected the PC HP 30 carries out a function check. While this is going on the indicator light (red, fig. 3.3) flashes. If everything is in working order, the flashing stops after about 30 seconds. If the indicator light lights up during operation, this indicates that there is a malfunction. For detailed information about this kind of fault, refer to the „Rectification of faults" section.

i	If the selector switch is in the "F" position when the mains plug is plugged in, the machine will not switch on. Briefly move selector switch to "0" and then back to "F" to switch on the machine.

EMERGENCY STOP switch
When the EMERGENCY STOP switch is pressed, the PC HP 30 is switched off immediately.
Turn the EMERGENCY STOP switch in order to release it again. The machine remains switched off after release. To switch it on again, the selector switch must be briefly set to "0" and then to "F".

4.2 DRIVE

When an overload occurs, the machine switches off automatically (red indicator light lights up).
Move selector switch (Fig. 3, 2) to "0" and disconnect mains plug. Set the pressure regulator (Fig. 3, 1) to "0".
Wait around 5 minutes, then plug the machine back in and switch on. Set the required pressure.

i	The drive unit heats up during operation. This is normal and not a sign of malfunction.

Dry running recognition
The PC HP 30 is equipped with dry running recognition.
If there is too little material / liquid in the container, the pump speed will be reduced in order to minimise damage to the PC HP 30. Refill the container immediately since even short periods of dry running can lead to damage to the rotor / stator.
If the container is not refilled within approx. 20 seconds, the pump switches itself off automatically in order to prevent more serious damage. After refilling, the pump must be restarted again.

5 TRANSPORTATION

5.1 MOVING

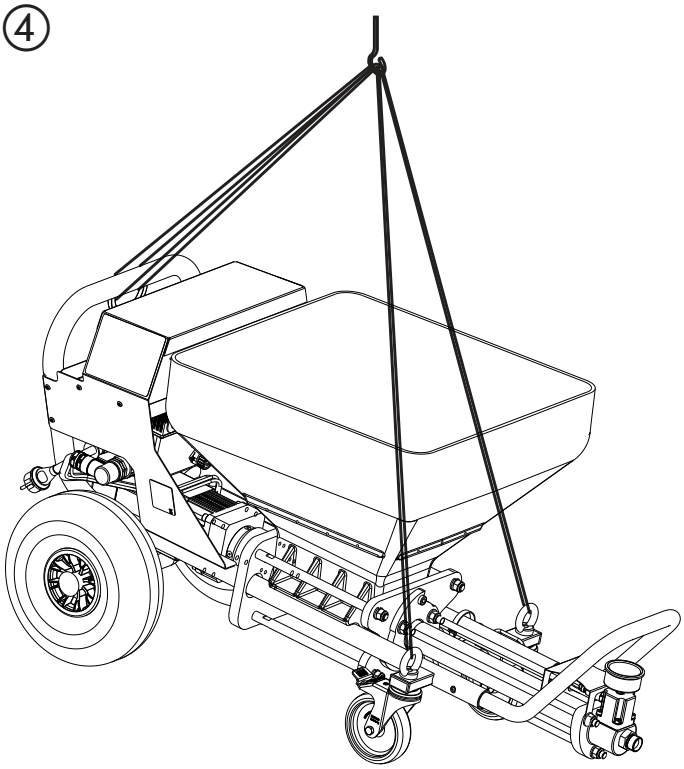
Wind power cable around handle and remove the hose.
Put away the nozzles and other small objects in the storage compartment.
Push or pull the PC HP 30 by the handle.

⚠	**Appliance weighs over 70 kg. Only lift or carry the appliance with at least 3 people.**

5.2 TRANSPORT USING A CRANE (FIG. 4)

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

④



5.3 TRANSPORTATION IN VEHICLE

Secure the unit in the vehicle by means of suitable fasteners.

i	To avoid material residues leaking from the machine, clean the device in advance or lock the mortar connection. Do not fill the container completely full in order to prevent material from splashing out of it.

6 COMMISSIONING

6.1 INSTALLATION LOCATION

Ideally only place the machine on flat surfaces in order to stop it from sliding away.

6.1.1 CONNECTION TO MAINS POWER SUPPLY/ EXTENSION CABLE

Connection to the mains network only via a special feeding point, for example via a distribution board for construction sites, with residual current protective device with INF ≤ 30 mA.

⚠	Lay the device supply cable so that there is no danger of stumbling. Protect against damage, for example against being driven over.

⚠	Min. wire cross-section 3 x 2.5 mm^2. Unroll the extension cable completely. Ensure that the coupling pieces and plugs are free of damage.

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

6.2 INITIAL STARTING-UP

6.2.1 SCOPE OF SUPPLY

The machine is supplied by the manufacturer in the following individual components:

- Complete basic machine comprising drive unit, control unit, receptacle and transport frame with wheels
- Hose package (incl. hose whip)
- Spray gun
- Pump sliding means
- Toolbag with nozzles, cleaning accessories, double open ended spanner,...

6.3 PREPARING THE MACHINE

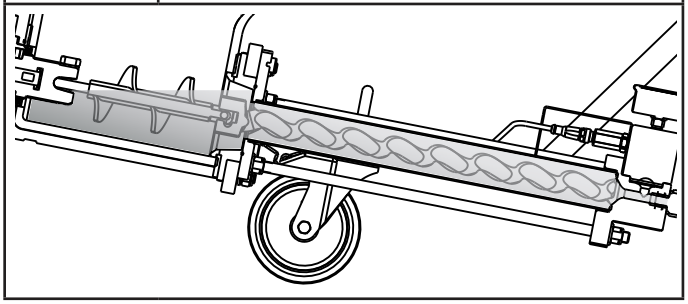
i	At delivery, the pump unit is filled with conservation agent (PlastGuard longlasting, Art. No. 2399 960). At initial commissioning and with each subsequent use of this conservation agent, it should first be pumped fully out before work commences.

⚠	**Do not use any water during commissioning to flush the conservation agent out. Doing so could cause the rotor and stator to seize, requiring them to be replaced.**

- Place a flat trough under the hose connection.
- Check that the pump unit is seated firmly.

- Remove the sealing cap on the hose connection.
- Connect the machine to the mains supply.
  The operation light (fig. 5, 1) shows operational readiness.
- Set the pressure regulator (3) to the yellow area (stage 1-4).
- Set selector switch (2) to "F".

⚠	Important: do not allow the machine to run dry. When pumping out the conservation agent, the stator must remain covered with liquid (see illustration).



- Important: do not allow the machine to run dry. When pumping out the conservation agent, the stator must remain covered with liquid (see illustration).
- Set selector switch (2) to "0".
- Pour coating material into the container.

⚠	When attaching the high-pressure hose to the hose connection, hold the hose connection with the double open ended spanner included in the scope of delivery.

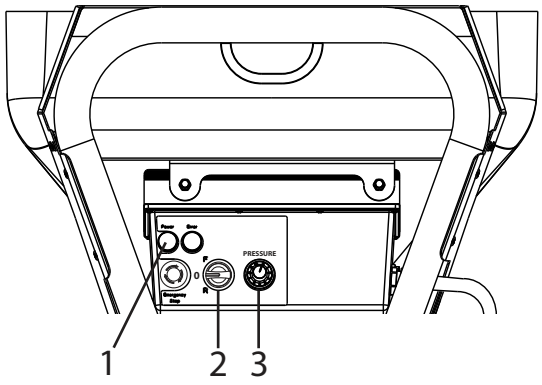
i	Only use a hose that is suitable for the material in question (DN 19 for fillers and DN 10 for dispersion paints).

- Screw the high-pressure hose (Fig. 6, 1) onto the hose connection (2).
- Screw the hose whip onto the other end of the high-pressure hose.
- Screw the gun onto the hose whip.
- Tighten all union nuts on the high-pressure hose and hose whip so that no coating material escapes.

⚠	**Do not bend the high pressure hose! Protect it against damage, for example against being driven over as well as against sharp objects and edges.**

- Hold the spray gun over an empty bucket.
- Set selector switch (2) to "F".
- Unlock the spray gun and pull the trigger guard (Fig. 7, 1) (the pump begins to transport paint).
- As soon as coating material comes out of the spray gun, release the trigger guard.
- Screw the nozzle holder with the selected nozzle onto the spray gun, align it and tighten it (see also the instructions for spray guns / nozzle holders).
  The machine is now full and ready.

⑤



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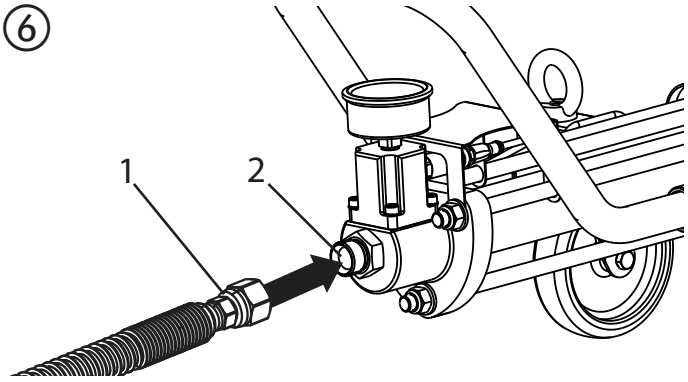

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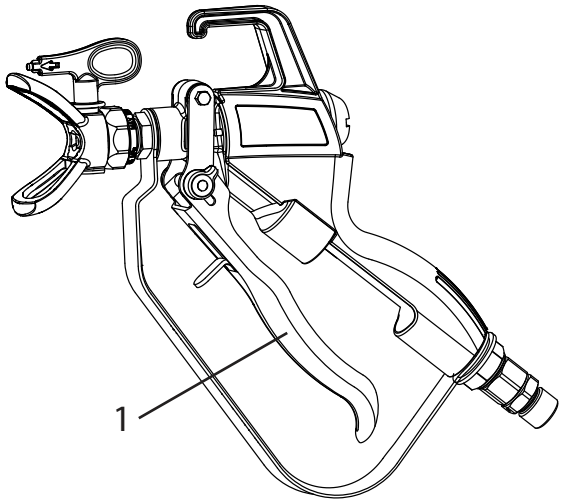
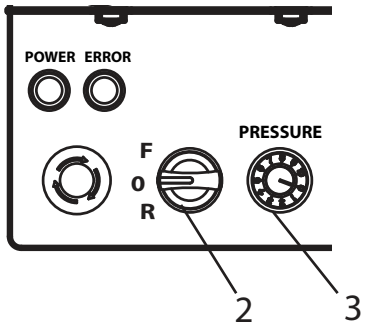


6.4 BEGINNING OF THE SPRAYING PROCESS

- Use the pressure regulator (Fig. 8, 3) on the control unit to set the required working pressure to level 10.
- Pull the trigger guard on the spray gun to start the pump.
- Reduce the operating pressure so that the spray pattern is still satisfactory.

i	**If there is too little material / liquid in the container, the pump speed will be reduced in order to minimise damage to the PC HP 30. Refill the container immediately since even short periods of dry running can lead to damage to the rotor / stator.** **If the container is not refilled within approx. 20 seconds, the pump switches itself off automatically in order to prevent more serious damage. After refilling, the pump must be restarted again.** **After an interruption, it may take a few moments until the material starts to come out evenly again (spray test recommended).**

⑧



6.5 INTERRUPTIONS OF WORK / BREAKS

- Release the trigger guard.
- Move the selector switch (Fig. 8, 2) to „R“ to release the pressure (pressure gauge shows 0 bar).
- Set selector switch (fig. 8, 2) to “0”.

i	Ensure that the pump area is filled with material or conservation agent so that the stator does not jam on the rotor. Always also observe the pot time / curing time of the material.

6.6 END OF THE SPRAYING PROCESS / END OF WORK

- Release the trigger guard.
- Move the selector switch (Fig. 8, 2) to „R“ to release the pressure (pressure gauge shows 0 bar).
- Set selector switch (fig. 8, 2) to “0”.

⚠	**Always lock the trigger guard at the end of the spraying process.**

i	In the event of interruptions of work up to a maximum of 14 days and if the same material is being reused (always note the material‘s pot life / curing time), complete cleaning of the PC HP 30 is not required. Ensure that the rotor and stator are fully covered with material and close the container with film and the cover (Art. No. 2400030) so it is as air-tight as possible. In the event of a material change or if the PC HP 30 is to be out of service for a prolonged period, clean it in accordance with the instructions in Section 8 in order to prevent the rotor from getting stuck in the stator.

7 GENERAL INFORMATION ABOUT THE APPLICATION TECHNIQUE

7.1 SPRAYING TECHNIQUE

While spraying hold the spray gun at a uniform distance of 30 – 60 cm from the object. Otherwise the spray pattern will be uneven.
The spray pattern depends on the coating material, the viscosity, the nozzle size and the working pressure.
Test the desired texture on a test surface.
The lateral limit of the spray jet should not be too sharp. The distance between the spray gun and the object should therefore be selected correspondingly.
The spray edge should be gradual in order to facilitate overlapping of the next coat.
If the spray gun is moved parallel and at an angle of 90° to the surface to be coated, the paint mist is minimized.
Note:
Grains and pigments with a sharp edge result in a high rate of wear of the pump, high presure hose, speay gun and tip.

i	Working as a team of 4 has proven useful for the efficient application of spray putty. One person sprays the material onto the wall, one person continuously tops up the material in the container and 2 people smooth the material on the wall.

i	To nevertheless achieve a thin layer despite a large nozzle, the nozzle must have a large spraying angle (up to 60°) and the working speed must be increased.

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

8 SHUTTING DOWN AND CLEANING

⚠	**Do not clean the motor and control unit of the machine moistly. And certainly do not spray down the unit with high-pressure cleaners or high-pressure steam cleaners. Danger of short-circuits caused by water ingressing.**

i	For reasons of environmental protection and to ensure an adequate supply of water, we recommend only carrying out cleaning at a suitable washing station.

- Set selector switch to "0".
- Remove and clean the nozzle and nozzle holder from the spray gun.
- Set the pressure regulator to the yellow area (stage 1-4).
- Detach the spray gun and hold it over an empty bucket with the trigger guard pulled.
- Set selector switch to "F".
- Pump the container until it is as empty as possible, but do not let it run dry (raise the PC HP 30 slightly using the handle grip).
- Switch the machine off and secure the trigger guard.
- Push the residual material towards the rotor / stator using a radiator brush.
- Add water to the container and pre-clean the container / safety grille with the radiator brush.
- Hold the spray gun over an empty container.

i	**Important: Do not let the machine run dry. During the cleaning process, ensure that there is always enough water in the container.**

- Un-secure and pull the trigger guard on the spray gun.
- Pump material out of hose into container until the material exiting the hose is just a thin liquid.
- Release the trigger guard and secure it.
- Set selector switch to "0".

⚠	**The high pressure hose must be pressureless.** **If necessary, set the selector switch briefly to "R" (reverse).** **Watch the manometer –> 0 bar.** **Wear safety goggles.**

- Decouple high pressure hose from pump unit.
- Disconnect the mains plug.
- Clean the outlet unit with a jet of water and a suitable bottle brush.
- Lay the PC HP 30 on its side.
- Clean the container with a jet of water and a suitable brush.
- Clean the protective grid with a radiator brush.
- Position the PC HP 30 upright again and connect the mains plug.
- Disconnect the spray gun and hose whip from the high-pressure hose.
- Using a blunt object (e.g. the tip of the spray nozzle), push the cleaning ball into the high-pressure hose and reconnect the high-pressure hose.
- Refill the container with water.
- Set selector switch to "F".
- Hold the end of the hose over the bucket until the cleaning ball exits the high-pressure hose.
- Depending on the coating material being processed, repeat the cleaning process several times.
- Set selector switch to "0".

- Decouple high pressure hose from pump unit.

	In the event of prolonged storage, the pump unit must always be filled with conservation agent. Otherwise the stator may stick to the rotor and will need to be replaced. For conservation purposes, only use Wagner PlastGuard longlasting (Art. No. 2399 960, undiluted).

- Pour 5 litres of suitable conservation agent into the container and briefly switch the pump on (the rotor and stator must be fully covered).
- Seal the hose connection with the sealing cap.
- Clean the spray gun in accordance with the instructions in the spray gun manual.

9 MAINTENANCE

	ATTENTION! It is imperative that the machine be deenergized by unplugging the plug before all work and maintenance work. Otherwise there is a danger of short-circuiting! Wait until the green operating light has gone out. Repairs may only be carried out by qualified personnel who dispose the corresponding training and experience. The device must be tested by a skilled electrician after every repair.

The machine is designed so that a minimum of care and maintenance is required. However, the following work has to be carried out and components checked regularly:

9.1 MECHANICAL MAINTENANCE

- Keep the thread on the pump unit clean.
- Check the seals at all the couplings and connecting pieces for leaks. If appropriate, replace worn seals.
- Check the following for damage before every usage:
  - High pressure hose
  - Power cable
  - Control unit

9.2 ELECTRICAL MAINTENANCE

- The electrical drive and its ventilation slots must always be kept clean and may not be cleaned with water. **Danger of short-circuits.**

9.3 LONG PERIODS OF NON-USAGE

If the machine is not used for a longer period, it has to be cleaned thoroughly and protected against corrosion. Store the appliance in a dry and frost-free place.

	In the event of interruptions / storage, the pump unit must always be filled with conservation agent. Otherwise the stator may stick to the rotor and damage the pump. In the event of interruptions or prolonged periods of storage, use PlastGuard longlasting (Art. No. 2399 960, undiluted).

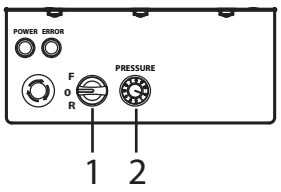
9.4 REPLACE THE STATOR AND ROTOR

⚠	**Machine must be depressurised.** **If necessary, set the selector switch briefly to "R" (reverse).** **Watch the manometer –> 0 bar.** **Wear safety goggles.**

⚠	**Disassembly may only be carried out by the person who controls the machine.** **Never operate machine with an exposed rotor.** **Do not reach into the rotor when it is moving. Risk of crushing.** **Caution if you have long hair. Only wear close-fitting clothes at work.**

- Move selector switch (fig. 9, 1) to "0" and set pressure regulator (2) to „0".
- **Disconnect mains plug.**
- Disconnect the control cable (Fig. 10, 1) on the pump unit.
- Loosen the 3 nuts (Fig. 11, 3) on the outlet unit (4) and separate the outlet unit from the old stator (5).
- Lift the feed helix (Fig. 12, 6) with the hook tool (7) and suspend the old rotor / stator combination (5).
- Lift the feed helix (Fig. 12, 6) with the hook tool (7), insert the new rotor / stator combination (5) and suspend it in the feed helix. **Ensure that the pins of the feed helix are pushed into the rotor head.**
- Reinsert the outlet unit and secure in place with the 3 screws.
- Connect the control cable.

⑨



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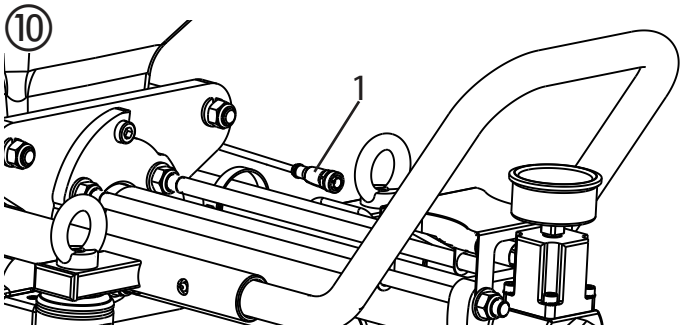

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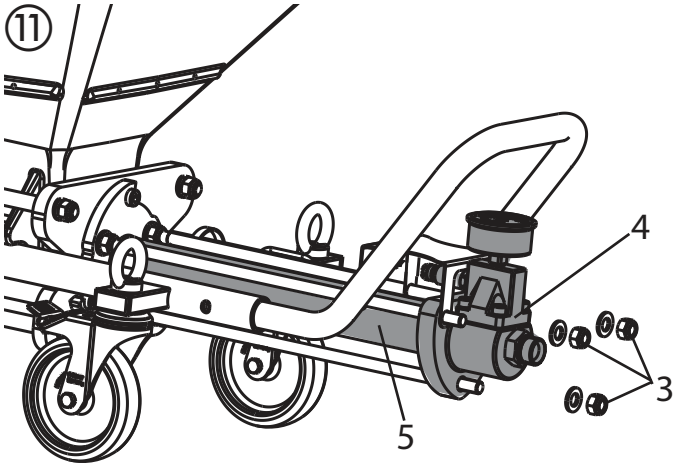

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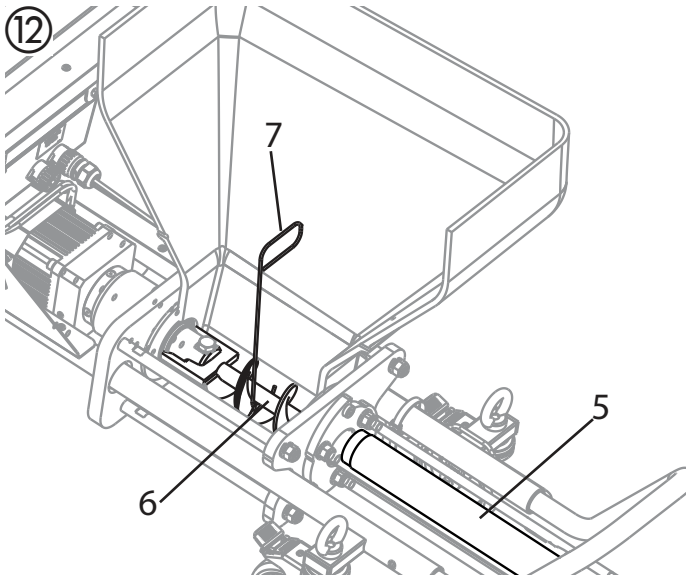
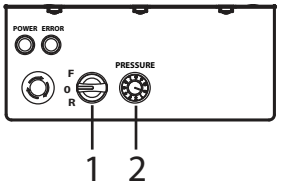


9.5 SHAFT SEAL

i	Check the seals on the PC HP 30 every month. The shaft sealing ring should be replaced after every approximately 500 operating hours.

- Move selector switch (fig. 13, 1) to "0" and set pressure regulator (2) to „0".
- **Disconnect mains plug.**
- Disconnect the control cable (Fig. 14, 1) on the pump unit.
- Loosen the 3 screws (Fig. 14, 2) on the fastening plate with a size 8 Allen key so that the pump unit can be rotated.
- Rotate and pull the pump unit out. (Fig. 15)
- Remove the 4 nuts (Fig. 15, 3) on the stay bolts using a wrench (19 mm).
- Remove the retaining plate (Fig. 16, 4) and seal (5).
- Check the seal (5) and replace if necessary.
- Push in the pins (6) on both sides and pull out the protective bars (7).
- Remove the container (8).
- Clean the shaft seal (9).

⑬



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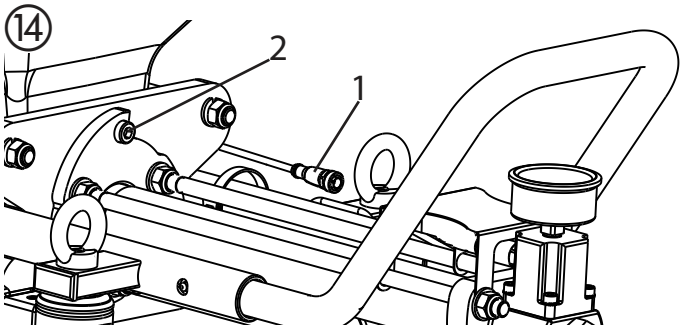

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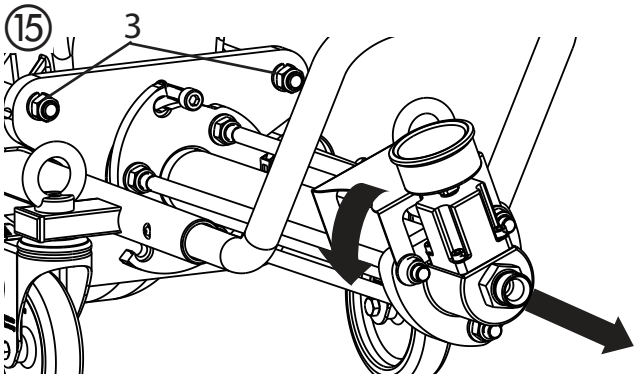

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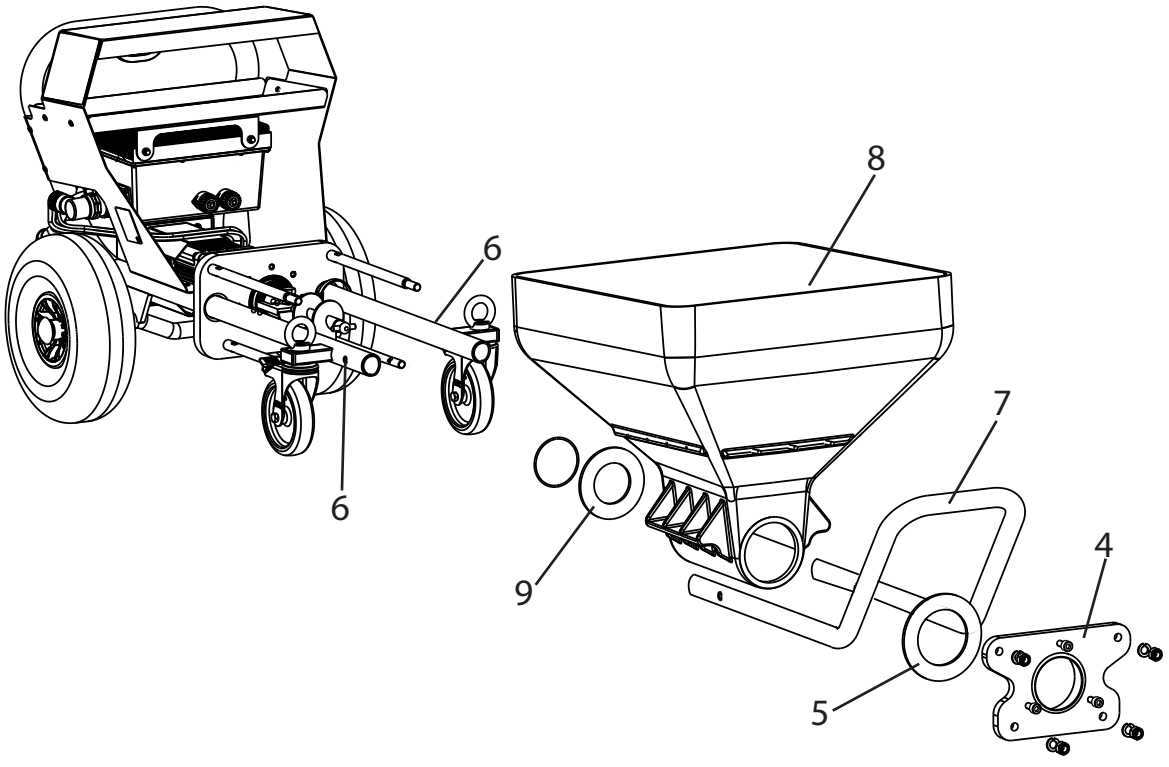


10 ELIMINATING FAULTS

MALFUNCTION	POSSIBLE CAUSE	ELIMINATION
Machine not running. Green operating light lights up	Pressure regulator is set to "0"	Increase the pressure
	The pressure sensor control cable is not connected or is damaged	Check the control cable
	Rotor stuck in stator. The pump has not been stored with conservation agent.	Replace the stator and rotor (see Section 9.4)
Machine not running. Green operating light not does not light up	Power supply missing.	- Plug in the power plug. - Check the power cable for damage and replace, if necessary. - Check the power supply.
	Controller faulty	- Please contact Wagner Service
Machine not running. The red control light is solid or flashing	Emergency stop switch pressed.	- Unlock the emergency stop switch and restart the machine.
	Machine was overloaded/overheated.	- Switch the machine off and disconnect mains plug Switch the machine on again after about 5 minutes. If the problem does not resolve, contact Wagner Service The number of flashes represents an error code. Tell Service what this error code is so that the error can be remedied faster.
	Diameter of the extension cable too small	- Use an extension cable with a diameter of 3 x 2.5 mm2.
The machine does not establish the required working pressure or the working pressure is not constant	The stator and rotor are faulty or worn.	Replace the stator and rotor (Art. No. 2395996, see Section 9.4)
Machine builds up pressure in the mortar hose. However, coating material does not arrive at the spray gun.	Coating material "plug" in the high pressure hose.	Depressurize the high pressure hose – set the selector switch to "R" (reverse). Pump the coating material back into the container. **The high pressure hose must be pressureless.** **Watch the manometer –> 0 bar.** **Wear safety goggles.** Decouple high pressure hose and rinse with water hose. Couple the high pressure hose back on.

MALFUNCTION	POSSIBLE CAUSE	ELIMINATION
Coating material is suddenly not emitted during spraying.	Tip is clogged because of impurity in the coating material or because the granular size is too large.	Switch the machine off. Secure the trigger guard on the spray gun. Remove the tip and clean it.
	Texture tip too small.	Select a larger tip.
	Coating material "plug" in the high pressure hose.	Depressurize the high pressure hose – set the selector switch to "R" (reverse). Pump the coating material back into the container.  **The high pressure hose must be pressureless.** **Watch the manometer –-> 0 bar.** **Wear safety goggles.** Decouple high pressure hose and rinse with water hose. Couple the high pressure hose back on.
	Container empty (pump has sucked in air)	Take care to ensure that there is always sufficient material in the container since even short periods of dry running can lead to damage to the rotor / stator. Refill the container and restart the machine. When work continues, it may take a few moments until the material comes out evenly again.
Uneven spray pattern.	Machine poorly cleaned	Thoroughly clean machine
	No coating material in the container. Pump has sucked in air.	Refill the container with coating material and pump it around until the coating material emerges without any bubbles.
	Nozzle too small for the material being used.	Use a larger nozzle (recommended min. X43 to max. X55 nozzle)
Pressure at the manometer rises to more than 120 bars.	Pressure sensor faulty	Please contact Wagner Service
Machine does not pump enough coating material.	Pressure set too low.	Increase the pressure with the pressure regulator.
	High pressure hose diameter too small.	Use a high pressure hose with a larger diameter.
	Stator and rotor worn.	Replace the stator and rotor (Art. No. 2395996, see Section 9.4)
	Nozzle size too small for the material being processed	Select a larger tip.

ERROR CODES

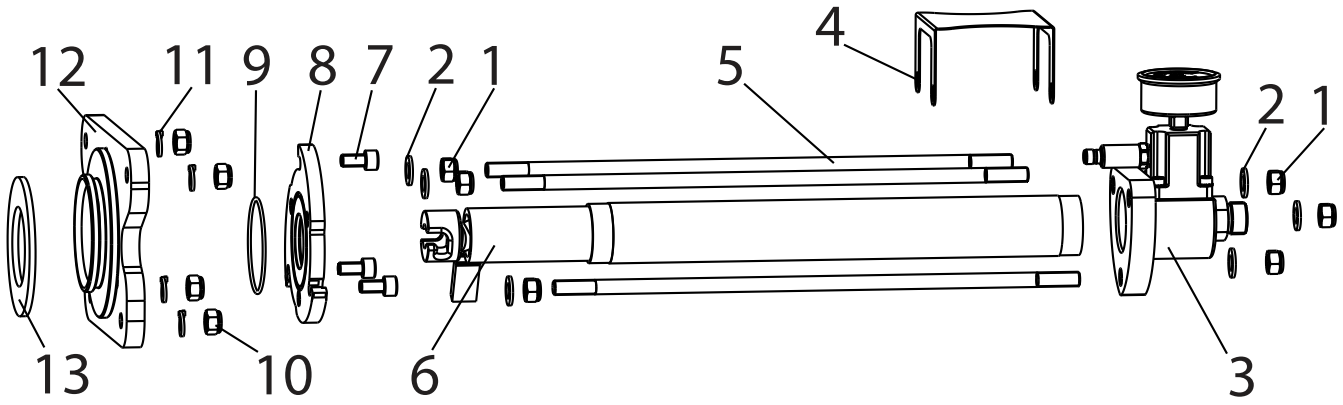
i	The number of flashes of the red control light represents an error code. Multiple error codes can occur at the same time and are displayed in sequence. You should therefore observe the error display until the number of flashes repeats itself.

NUMBER OF FLASHES	MEANING	MEASURES TO ELIMINATE THE FAULT
Constant illumination	The PC HP 30 is trying to release a stuck rotor / stator	As soon as the control light goes out, the problem has been solved. Otherwise the relevant error code will be indicated with flashes.
1	Warning - overheating	Check the ventilation (e.g. ventilation slit)
2	Overheating	Remove the cause of the overheating (e.g. blocked ventilation slit) and allow the device to cool down for around 5 minutes
3	Motor overloaded	Check whether the motor / rotor is blocked. If there are no blockages and the device will not restart, contact Wagner Service.
4	Overvoltage (more than 250 Volts)	Ensure a suitable power supply.
5	Undervoltage (less than 85 Volts)	Ensure a suitable power supply.
6 or 7	EMERGENCY STOP activated or controller faulty	Press EMERGENCY STOP and unlock it by turning it. Briefly switch the machine to 0 and then to F. If the machine will not start, contact Wagner Service.
8	Motor overloaded	Check whether the motor / rotor is blocked. Check the connection cable between the motor and the controller. If the problem cannot be resolved, contact Wagner Service.
9	Pressure sensor malfunction	Check the pressure sensor and the connection cable between the pressure sensor and the controller. Replace it if necessary.
10	Controller overloaded	Check whether the motor / rotor is blocked. Voltage too low (during generator operation, disable the standby function). If the problem cannot be resolved, contact Wagner Service

11 SPARE PARTS LIST FOR PLASTCOAT HP 30

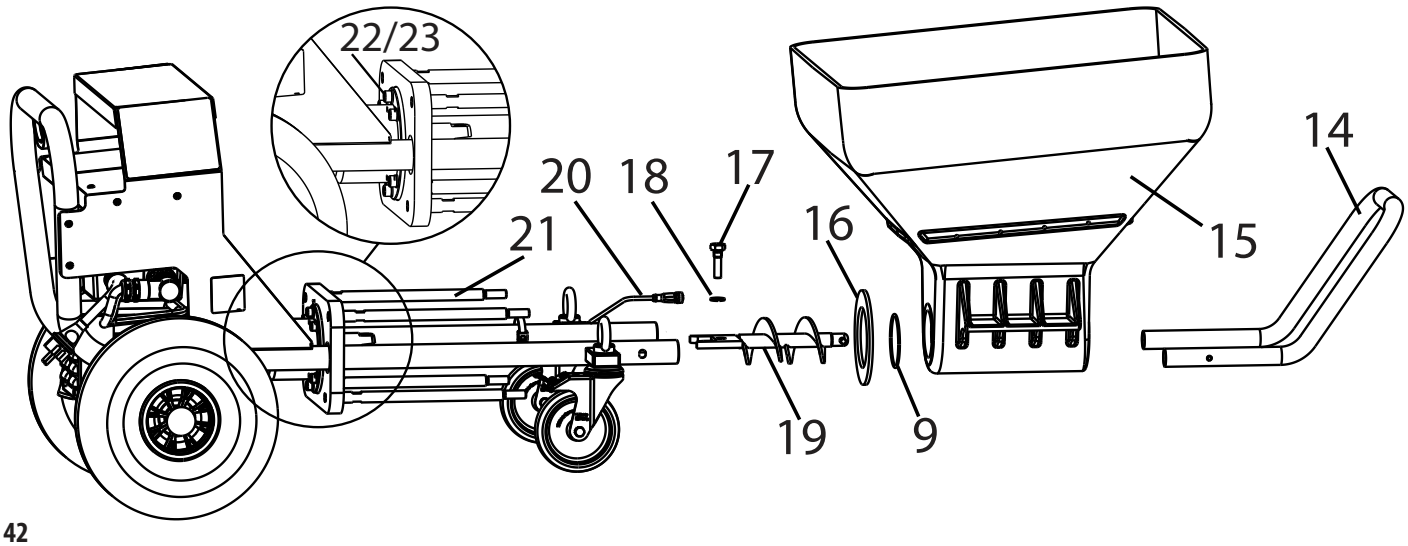
ITEM	ORDER NO.	DESIGNATION
1	9910205	Hexagon nut
2	9920107	Washer
3	2395995	Outlet unit assy.
4	2384714	Safety panel
5	2384095	Connecting rod
6	2395996	Stator and rotor
7	K108.03	Cylinder head screw

ITEM	ORDER NO.	DESIGNATION
8	2384092	Stator retaining plate
9	9974118	O-ring
10	9910205	Hexagon nut
11	9921514	Spring washer
12	2383705	Stator mounting plate
13	2360706	Rubber seal



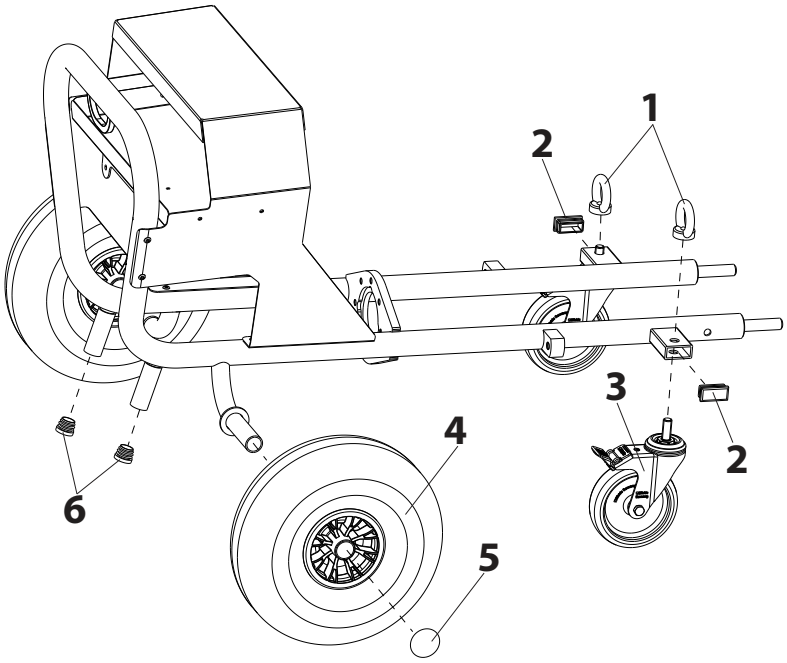
ITEM	ORDER NO.	DESIGNATION
14	2388748	Protective handle
15	2436478	Receptacle
16	2360707	Shaft sealing ring
17	348324	Screw
18	9921518	Spring washer

ITEM	ORDER NO.	DESIGNATION
19	2383763	Feeder shaft
20	2384771	Pressure sensor control cable
21	2383717	Spacer
22	9921501	Spring washer
23	9900313	Cylinder head screw



11.1 SPARE PARTS LIST FRAME

ITEM	ORDER NO.	DESIGNATION
1	3142039	Ring nut M12
2	3069013	Square head plug
3	2367604	Guide pulley
4	348349	Wheel
5	9994902	Wheel cap



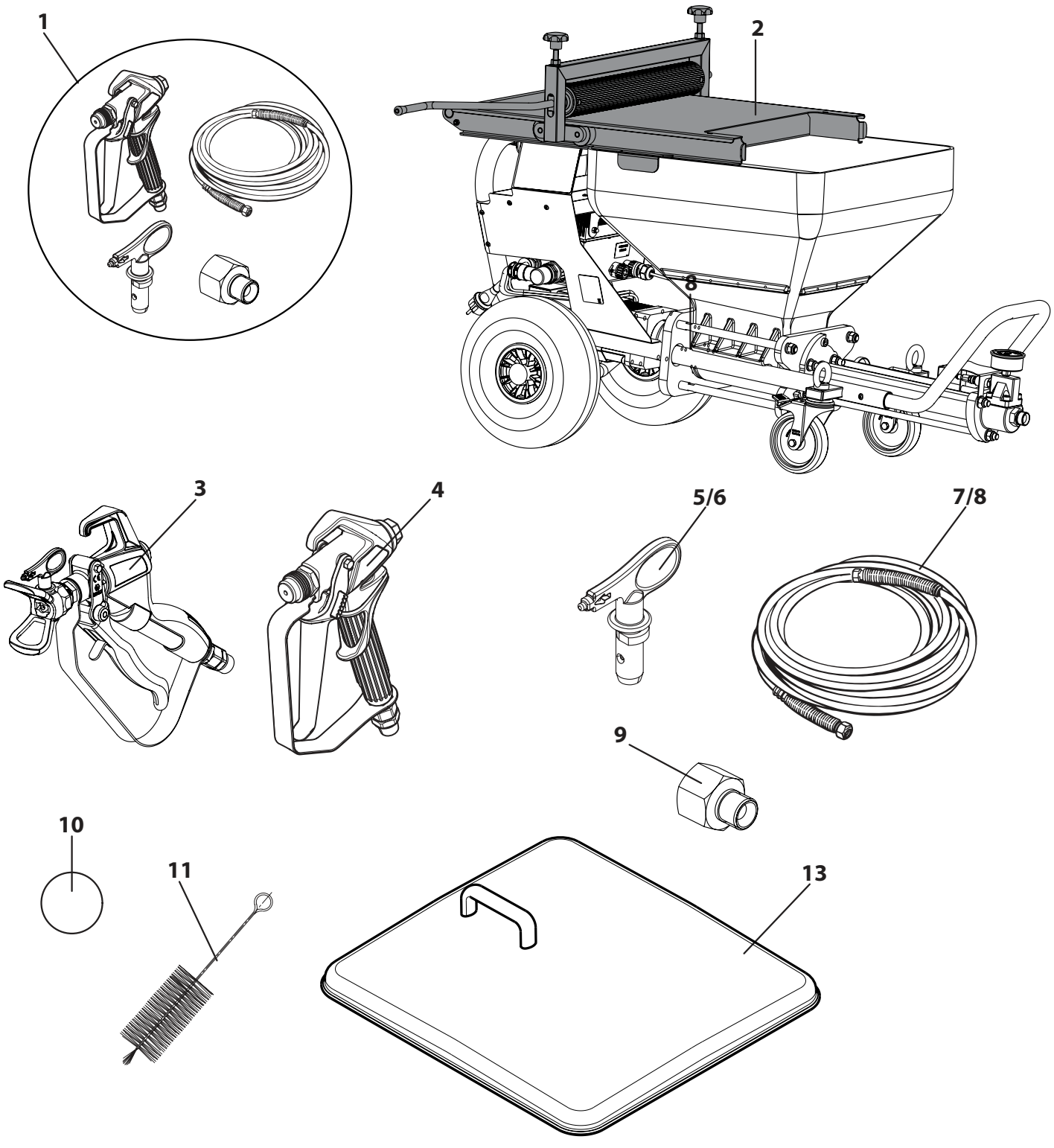
12 PLASTCOAT HP 30 ACCESSORIES

ITEM	PART NO.	DESIGNATION
1	2400684	Dispersion set (comprising a Vector Pro gun, adapter, 15 m DN 10 high-pressure hose, HEA ProTip nozzle 517)
2	2389048	Bag squeezing table for the processing of bagged goods
	Airless guns	
3	2341127	AG 19 270 bar (for processing spray putty)
4	538040	Vector Pro (for processing of dispersion paints)
	Nozzles for processing spray putty	
5	553443	TradeTip 3 nozzle 443*
	553543	TradeTip 3 nozzle 543*
	553643	TradeTip 3 nozzle 643*
	553445	TradeTip 3 nozzle 445*
	553545	TradeTip 3 nozzle 545*
	553451	TradeTip 3 nozzle 451*
	553551	TradeTip 3 nozzle 551*
	553651	TradeTip 3 nozzle 651*
	Nozzles for processing of dispersion paints	
6	554415	HEA Pro Tip nozzle 415*
	554515	HEA Pro Tip nozzle 515*
	554615	HEA Pro Tip nozzle 615*
	554417	HEA Pro Tip nozzle 417*
	554517	HEA Pro Tip nozzle 517*
	554617	HEA Pro Tip nozzle 617*
	554519	HEA Pro Tip nozzle 519*
	554619	HEA Pro Tip nozzle 619*
	554421	HEA Pro Tip nozzle 421*
	554521	HEA Pro Tip nozzle 521*
	554621	HEA Pro Tip nozzle 621*

ITEM	PART NO.	DESIGNATION
	High-pressure hoses for processing spray putty	
7	2390763	DN 19 high-pressure hose, 10 m, BSPP 1/2“
	2390762	DN 12 hose whip - 2.5 m
	High-pressure hoses for processing of dispersion paints	
8	2336583	DN 10 high-pressure hose, 15 m, - 3/8" NPSM
9	2332623	1/2“ - 3/8“ adapter for connecting high-pressure hoses with a 3/8“ NPSM thread
	Cleaning accessories	
10	2402355	Cleaning ball
11	0342329	Bottle brush for cleaning the inside of the outlet unit
12	2399960	PlastGuard longlasting 5000 ml for longer-term storage (no picture)
13	2400030	Cover for material tank

* Explanation of nozzle coding:
1st digit = Spraying angle (e.g. 4xx = 40°)
2nd and 3rd digits = Bore diameter (e.g. x35 = 0.035 inch)

PlastCoat HP 30 Accessories illustration



TESTING OF THE MACHINE

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.

NOTE ON DISPOSAL

In accordance with European Directive 2002/96/EC on the disposal of waste electrical equipment and its implementation in national law, this product may not be disposed of with the household refuse, but must rather be recycled in an environmentally correct manner.

Your waste WAGNER device will be taken back by us or our representatives and disposed of environmentally correctly. Please contact one of our service points or one of our representatives or us directly to this purpose.

IMPORTANT INFORMATION ON PRODUCT LIABILITY

According to an EU directive, the manufacturer is only liable without limitation for faults in the product if all parts come from the manufacturer or have been approved by the manufacturer and have been mounted to the device and are operated properly. If third-party accessories or spare parts are used, the manufacturer is exonerated wholly or partly from his/her liability if use of the third-party accessories or spare parts have caused a defect in the product. In extreme cases, the relevant authorities can completely prohibit using the entire device.
With original WAGNER accessories and spare parts, compliance with all safety regulations is guaranteed.

UKCA Declaration of conformity

We declare under sole responsibility that this product conforms to the following relevant regulations:
Supply of Machinery (Safety) Regulations 2008
Electromagnetic Compatibility Regulations 2016
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012
The Waste Electrical and Electronic Equipment Regulations 2013

Applied harmonised standards
BS EN ISO 12100:2010, BS EN 12001:2012, BS EN 60204-1:2018, BS EN IEC 61000-3-2:2019+A1:2021,
BS EN 61000-3-3:2013+A2:2021, BS EN IEC 61000-6-1:2019,
BS EN IEC 61000-6-3:2021, BS EN 62233:2008

3 + 2 YEAR GUARANTEE ON THIS WAGNER CONTRACTOR PRODUCT
(Status 03.03.2022)

WAGNER exclusively provides the commercial buyer who has purchased the product from an authorised specialist dealer (hereinafter referred to as the „Customer“) with a guarantee for the products listed on the Internet at https://go.wagner-group.com/3plus2-info in addition to the statutory warranty regulations, unless there is a guarantee exclusion.
The guarantee period for WAGNER products (devices) in the contractor's sector is 36 months and begins with the date of purchase of the initial purchase. This guarantee period is extended by a further 24 months if the product is registered within 28 days of purchase on the Internet at https://go.wagner-group.com/3plus2.
In cases of commercial rental, industrial use (e.g. use in shift operation) or equivalent use, the guarantee period is 12 months due to the significantly higher load. We reserve the right to carry out a check in individual cases and refuse the guarantee where necessary.
If any material, machining or performance defects are identified in the device within the guarantee period, then the guarantee claims must be made immediately and within a period of no more than 2 weeks following discovery of the defect.
The detailed guarantee conditions can be obtained on request from our authorised WAGNER partners (see website or operating instructions) or in text form on our website:

https://go.wagner-group.com/pf-warranty-conditions

Subject to modifications

EU Declaration of conformity

We declare under sole responsibility that this product conforms to the following relevant stipulations:
2006/42/EC, 2014/30/EU, 2011/65/EU, 2012/19/EU

Applied harmonised norms:
EN ISO 12100, EN 1953, EN 60204-1, EN IEC 61000-3-2, EN 61000-3-3, EN IEC 61000-6-1, EN 61000-6-3, EN 62233

The EU declaration of conformity is enclosed with the product.
If required, it can be re-ordered using order number **2395947.**