

# User's manual

## HVLP Spray Gun H2000

34109

**XPO** <sup>the</sup> **tool**  
experts



Illustration similar, may vary depending on model

Please read and follow the operating instructions and safety information prior to initial operation.

Technical changes reserved!

Illustrations, functional steps, and technical data may deviate insignificantly due to continuous further developments.



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## Introduction

Thank you for choosing to purchase this quality product. To minimise the risk of injury, we ask you to always take some basic safety precautions when using this product. Please read this operating manual carefully and make sure that you understand it.

Keep these operation instructions in a safe place.

## Safety instructions

- Familiarise yourself with the user's manual before using the device. Read it thoroughly and follow all safety and other instructions to avoid damages and injuries.
- Only use the device for its specified purpose. Any incorrect use might lead to injuries and/or damages.
- This device is not suitable for persons (including children) with limited physical, sensory, or mental abilities, lack of experience or knowledge, unless they have been instructed and are supervised by an experience person responsible for their safety and familiar with the device.
- Children must not use the device and should be supervised when they are near it to ensure that they do not play with it.
- Under no circumstances should you direct the device towards your body or other persons' bodies or animals.
- The maximum capacity must never be exceeded.
- Before any use, check all connections and hoses for proper condition.
- Should the device or hose be damaged, the device must not be used. **Risk of injuries!**
- Only operate the device in well-ventilated areas.
- Wear appropriate protective equipment (safety glasses, protective gloves, respiratory mask) when operating the device.
- Do not use the device near possible sources of ignition (e.g., cigarettes, open flames, etc.). Paints, thinners, and dissolvents, being highly flammable, must be handled with uttermost care. Obey the warnings and safety instructions given by the manufacturer of the paint, thinner, or dissolvent.
- Clean the device after every use.
- Only have the device repaired by a qualified person.
- Do not use dissolvents susceptible to react with aluminium or zinc.
- Never use the device to spray food or chemicals.

## Before using the product

- Make sure to have received all components of the device and all accessory parts and check them for damages immediately after unpacking them.
- To achieve a regular and clean spray pattern, the surfaces to work on must be clean, dry, free from dust, and free from rust.

## Air supply

- This device requires clean and dry compressed air between 2.5 and 3.5 bar. Normally compressed air contains humidity and other contaminations that might cause inner components of the device to rust or wear. A filter can remove most of these contaminations, thus prolonging the service life of the device. Use a filter and pressure regulator as close to the device as possible.
- **Attention!** All compressed-air lines should be adjusted to 2.5–3.5 bar. Too high or too low an air pressure might damage the gun and impair the spray performance.



## Use

1. Connect the gun to a compressed-air connection. Make sure that the air pressure suits the material to be worked on.
2. Thin the paint in accordance with the manufacturer's instructions and fill the paint into the paint cup. Then close the paint cup properly.
3. Take the gun. Make sure that the compressed-air hoses are not kinked or otherwise blocked.
4. By pressing the trigger, the air will begin to flow. Slowly pull the trigger backwards to achieve atomising of the paint.
5. The spray pattern depends on the distance between the spray nozzle and surface.
  - Slow movements are recommended for small amounts of paint, fast movements for large amounts of paint.
  - Do not spray arc-shaped patterns and do not pause spraying, as otherwise the paint will not be spread regularly.
  - To apply fine lines, remove the needle cover and bring the gun close to the surface.
  - Make sure that the distance between the gun and surface stays constant. 15–20 cm between the device and surface should be kept.
  - Begin moving the device before operating the trigger, stop moving it after releasing the trigger.
6. Switch off the compressed-air supply and let the pressure off as soon as you do not use the gun any longer.
7. Empty the paint cup after work. Drain the paint rests into an appropriate container and dispose of it properly.

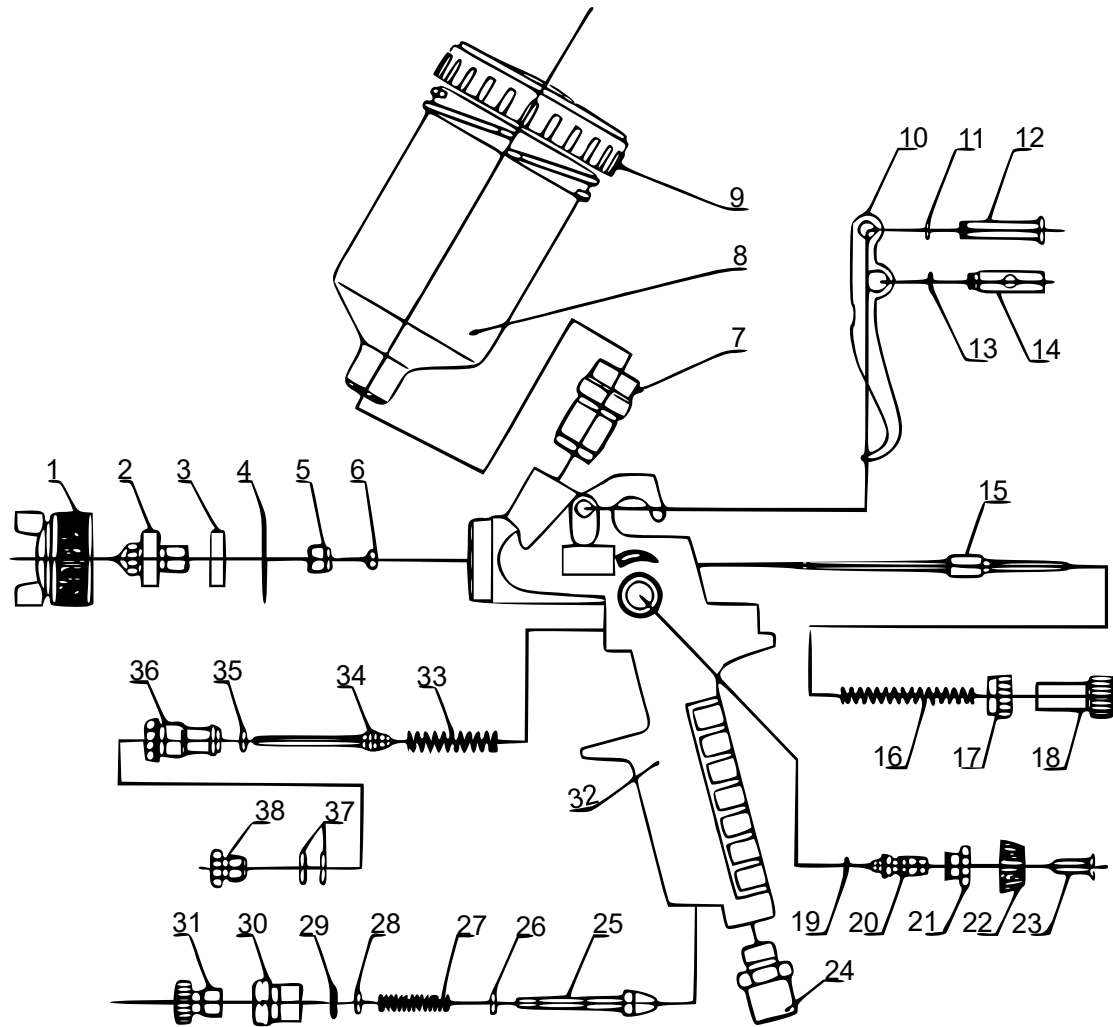
## Cleaning and maintenance

- Empty the paint cup and clean it out with water or dissolvent. Immediately wash out two-component spray medium after use.
- Fill water or dissolvent into the pain cup, then keep the needle holder shut by hand and spray. Thus, the air will flow backwards into the nozzle, removing all paint rests.
- It is advisable to spray again without keeping the needle holder shut to allow fresh dissolvent to come into the paint conduct; then re-wash the dissolvent by keeping the needle cover shut by hand. Repeat this several times if necessary.
- Clean all components thoroughly to avoid any deposit.
- Never clean the nozzle and needle using a wire or another hard object. That would lead to the device being damaged and becoming inoperable. To clean the device with care, use an ultrasonic bath.
- Never place the entire gun into dissolvent, e.g., thinner. That could destroy the non-metal components.

## Technical specifications

<b>Nozzle diameter (mm)</b>	0.8
<b>Paint cup capacity (ml)</b>	125
<b>Jet width (mm)</b>	280
<b>Service pressure range (bar)</b>	2.5–3.5
<b>Weight (kg)</b>	0.25

**Exploded view and parts list**



Nº	Name	Nº	Name	Nº	Name
1	Air cap set	14	Trigger pin with hole	27	Valve spring
2	Fluid nozzle	15	Fluid needle set	28	Small gasket
3	Nozzle gasket	16	Needle spring	29	O-ring
4	O-ring	17	Needle adjusting nut	30	Valve seat
5	Packing seat	18	Needle adjusting screw	31	Valve adjusting screw
6	Needle plastic	19	O-ring	32	Gun body
7	Upper cup inlet	20	Pattern adjusting valve	33	Air valve spring
8	Plastic cup	21	Pattern adjusting seat	34	Valve needle assembly
9	Cup cover	22	Pattern adjusting screw	35	Valve gasket
10	Trigger	23	Cross bolt	36	Valve cover
11	Retainer ring	24	Air joint	37	Gasket
12	Trigger pin	25	Valve needle assembly	38	Valve screw
13	Retainer ring	26	Small gasket		

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