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TOUGH TOOLS, HALF PRICE

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High Pressure Airless Sprayer

USER MANUAL

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.



450

NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

1. Important safety instructions

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based on the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice.

The safety instructions provided in this manual are not intended to cover possible conditions and practices that may occur when operating, maintaining and cleaning power equipment.

Always use common sense and pay particular attention to all the DANGER, WARNING, CAUTION and NOTICE statements in this manual.

Maintain labels. These carry important information. The label on your tool may include the following symbols. The symbols and their definitions are as follows:

Symbol	Property or Statement
	Warning - To reduce the risk of injury, the user must read the instructions manual carefully. Read and understand this instruction manual prior to using this product. failure to do so may result in serious injury or death.
	Safety Alert Symbol This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident. To reduce the risk of injury, fire, or electrocution, please always follow the recommendation shown below.
	Danger! Risk of personal injury or environmental damage! Risk of electric shock! Risk of personal injury by electric shock!

	Warning- Be sure to wear ear protectors when using this product.
	Warning- Be sure to wear eye protectors when using this product.
	Warning- Be sure to wear dust masks when using this product.
	Warning- Be sure to wear gloves when using this product.
	Risk of Fire
	 Risk of Explosion.
	  Risk of Skin Injection.
	 Risk of Toxic Fumes. Use only in well ventilated areas.
	Pressurized Aluminum Parts Hazard.
	Avoid ignition sources such as pilot lightscigarettes, portable lamps, etc.
	Relieve System Pressure.
	Hot Surfaces/Burn Hazard.

	Disposal information: This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.
V	Volts
A	Amperes
Hz	Hertz
W	Watts
	Alternating Current (AC)
	Direct Current (DC)
	Alternating or Direct Current (AC/DC)
	Earthing Terminal
	Class I construction (grounded)
	Class II construction (double insulated)
PSI	Pounds Per Square Inch
MPa	Megapascals
RPM	Revolutions Per Minute
min	Minutes
s	Seconds

WARNING

Prior to using this product, please read and understand all instructions and safety warnings. Improper use may result in serious injury or property damage.

1. Warnings must be followed carefully to avoid body injury. Improper use may result in electric shock, fire, personal injury and other damage:

- 1) Keep unplugging when moving the machine.
- 2) Keep unplugging when installing accessories
- 3) Place on a flat and stable platform and operate under ventilated conditions
- 4) Wear special protective equipment when operating the machine
- 5) Do not use this machine in a hazardous location.
- 6) Do not use when the machine is not working properly.
- 7) Do not disassemble and repair this machine.
- 8) Do not use an unsuitable AC Outlet.
- 9) Do not touch the heating plate when the machine is heating .
- 10) Do not use in a humid environment or contact with water. Do not infiltrate liquid in the machine to prevent fire or electric shock caused by short circuit.
- 11) Do not use the power supply that does not meet the rated voltage. The power supply that does not meet the specified voltage may cause fire or electric shock.
- 12) Ensure that the machine is grounded so as not to cause harm to the body.
- 13) Do not touch the rotating rod or bearing part with your fingers during use in case of injuries.
- 14) If the machine is not in use for a long time, please unplug the power cord from the socket.
- 15) Do not use the machine during thunderstorms or lightning to avoid damage to the machine.
- 16) Place the machine smoothly on the flame-retardant table and keep away from flammable and explosive items.
- 17) Please stop using it if the machine smokes, emits a peculiar smell, or becomes noisy and in other abnormal conditions.
- 18) This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction

concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision

19) Type Z attachment: If the supply cord cannot be replaced. If the cord is damaged the appliance should be scrapped.

20) In order to avoid a hazard due to inadvertent resetting of the thermal cutout, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

21) Operational Safety: Never point the spray gun at yourself or others due to the risk of serious injury from high pressure.

22) Injury and Poisoning Risk: High pressure can introduce toxins into the blood, leading to infection or poisoning. Seek medical attention if injured.

23) Cleaning and Maintenance: Before cleaning, repair, or maintenance, turn off the motor, set the high-pressure switch to "t", release hose pressure by pulling the gun's trigger, and secure the safety catch.

24) Spare Parts Requirements: Replacement parts should withstand at least 205 bar pressure.

25) Usage Location: Use or clean the spray equipment only outdoors or in well-ventilated areas.

26) Material Usage: Do not use materials with a flash point below 21°C.

27) Electrostatic Risk: To prevent fire or explosion risks from static electricity, ground both the spray equipment and the surface to be sprayed.

FCC INFORMATION

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This product may cause harmful interference.

2) This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party.responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception,which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

SPECIFICATIONS

Items	Description	450	450
1	Rated Voltage	120VAC 60Hz(For US)	120VAC 60Hz(For US)
2	Rated Voltage	230VAC 50Hz(For Europe)	230VAC 50Hz(For Europe)
3	Rated Power	1800W	1500W
4	Maximum Working Pressure (MWP)	3000 PSI	3000 PSI

5	Maximum Delivery	1.8 LPM	1.8 LPM
6	Work Environment Temperature	5°C-40°C/40°F-105°F	5°C-40°C/40°F-105°F
7	Standard Nozzle:	517	517
8	Transportation and Storage Temperature:	-13°F-131°F(-25°C-55°C)	-13°F-131°F(-25°C-55°C)
9	Hose Length:	9m /29.5ft	19m /29.5ft

FEATURE IDENTIFICATION

SPRAYER MACHINE:

Figure 1



Attachment list

Name of attachment



Spray gun



Nozzle



Nozzle holder



Extension rod



High pressure feed pipe



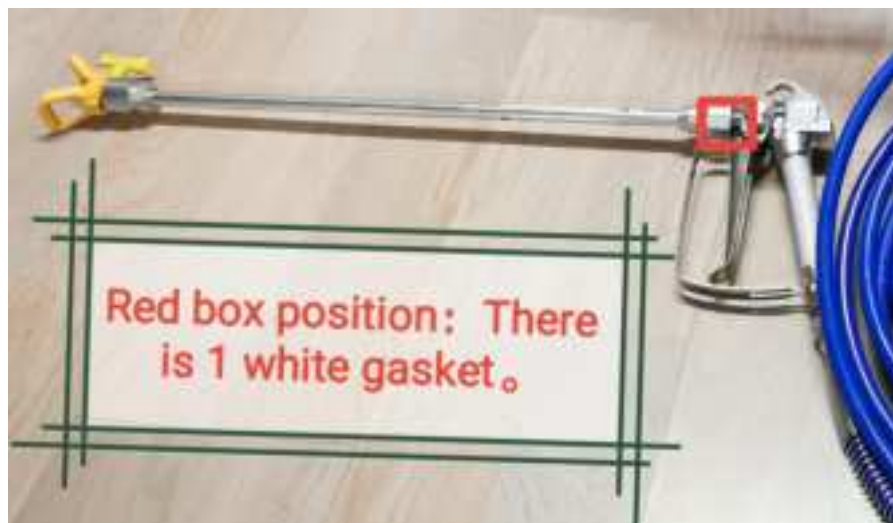
Suction tube



Return pipe

Installation and operation steps

1. As shown in Figure 1: Install the high pressure pipe.
2. As shown in Figure 1: Install the spray gun.
3. As shown in the figure below: install the extension rod.



4. As shown in Figure 1: Install the nozzle holder.

5. As shown in the figure below: install nozzle gasket and nozzle.



6. As shown in the figure below: Install the suction tube.



Figure 2



7. As shown in Figure 2: Install the return pipe.
8. Put the suction tube and the return tube into the container.
9. Turn on the power switch, Return valve is now in a state vertically upwards, The pressure regulating knob is at the maximum position at this time, Water will drain out of the return pipe.
10. Turn the return valve clockwise to horizontal. At this time the machine starts to pressurize. The pressure gauge pointer shows about 3000psi (at the same time, the motor stops working) .
11. Trigger the spray gun to start spraying, At this time the motor starts to work, The pointer of the pressure gauge is kept at about 2000 psi.

TIPS

1. Pressure regulating valve: Adjust the pressure regulator clockwise to pressurize the machine.
2. Backflow valve: Backflow valve vertically upward: the machine is in the backflow state (Release the pressure state) ; The backflow valve is adjusted to the horizontal in a clockwise direction: the machine is working (Increase the pressure state) .
3. Question: What kind of oil does the 450 plunger sprayer use?
Answer: Any oil with lubricating effect is fine.
4. When do I need to add oil and how much oil do I need to add?
Answer: Before using the machine each time, you need to add about 5 drops of lubricating oil to the oil filler port.
5. What kind of material can be sprayed by the 450 plunger sprayer?
Answer: non-particle free material with good fluidity.

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Imported to USA: Sanven Technology Ltd. Suite 250, 9166 Anaheim Place,
Rancho Cucamonga, CA 91730

EC	REP	SHUNSHUN GmbH Römeräcker 9 Z2021,76351 Linkenheim-Hochstetten, Germany
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UK	REP	Pooledas Group Ltd Unit 5 Albert Edward House, The Pavilions Preston, United Kingdom
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