

Cup Fed Spray Gun...

Set the compressors regulator pressure in accordance with the paint manufacturers recommendations, ensuring that the pressure does not exceed the maximum rated pressure of the cup, (pressure stated on the lid of the pot).

To spray, simply squeeze the guns trigger. To adjust paint quantity sprayed turn the trigger control clockwise to reduce, anti clockwise to increase. To alter the rate of air flow turn the air control clockwise, to reduce, turn anti-clockwise to increase.

Using A Spray Gun & Pressure Pot...

With the compressors regulator set at 50 psi open the compressors valve.

Turn the pots regulator fully anti-clockwise then open the air inlet tap. Set the pots pressure between 15psi - 20psi by turning the regulator clockwise, reading this from the pressure gauge.

Finally open both the air and paint outlet taps ready to spray.

BASIC TECHNIQUES

Always begin with a test spray to check the pattern, adjust the paint flow through the spray gun, until the split fan of paint produced by the gun to begin with just merges into a single plume.

Nozzle Pointers

Different materials require different spray nozzles. Always make sure the gun is fitted with a nozzle suitable for the job. If in doubt, contact your local HSS Hire Shop for advice.

Paint the area in a series of horizontal and vertical stripes, each overlapping its predecessor by approximately 50 percent.

Always move the gun at a steady pace, parallel to the surface at about 150 - 200mm away.

Point the gun at right angles to the surface. In windy conditions, angle the gun to spray into the wind and cover the area with vertical strokes.

To ensure even coverage, start the gun moving before squeezing the trigger and keep it moving after releasing the trigger.

Paint edges and corners with vertical strokes, with the spray plume central to the corner or edge.

If the spray tip becomes blocked, turn the compressor OFF and release all stored pressure (the compressor air outlet valve may be closed to save any stored pressure in its receiver tank). Remove the tip and clean in a solvent suitable to the material being sprayed, then replace.

EQUIPMENT CARE

Never push the equipment beyond its design limits. If it will not do what you want with reasonable ease and speed, assume you have the wrong tool for the job. Contact your local HSS Hire Shop for advice.

Keep the equipment clean, even if you're taking only a short break, clean it out thoroughly as if you are returning it at the end of the hire period.

When not in use, store the equipment somewhere clean, dry and safe from thieves.

Damaged hoses are dangerous so handle them with care and coil them neatly without kinks when storing.

Solvent Choice

Use the correct solvent when cleaning the equipment. Use cellulose thinners for cellulose paint, white spirit for resin based paints and water for emulsions. If in doubt, contact the manufacturers for advice.

FINISHING OFF

Switch OFF the compressor.

If using a hopper gun...

Open the air tap to release any stored pressure, thoroughly clean the gun, then fill the hopper with water and run the compressor again to wash the gun thorough.

If using a Cup Fed Spray Gun...

Trigger the gun to release any stored pressure. Remove the cup and clean it out, re-fill with a suitable solvent and reconnect to the gun. Run the compressor again to spray the solvent through the gun into a suitable container. Repeat until the solvent emerges clean.

If using a Pressure Pot...

Turn the pressure relief valve clockwise and wait for the pressurised air to escape. Remove the lid, empty the paint bucket and clean with the appropriate solvent.

Pressure Release

Never attempt to remove a spray gun's feed cup, or open a pressure pots lid, while the system is pressurised. Relieve the pressure first, by triggering the gun or opening the pots pressure relief valve. You should also relieve the pressure before leaving the equipment unattended.

Refill the bucket with solvent set the unit up for spraying and spray into a suitable container. Repeat until the solvent emerges clean.

Whatever you are using...

Clean the outside with a lint free cloth dipped in solvent. If using cellulose thinners or white spirit, always work in a well ventilated area away from ignition sources.

Finally, disconnect all hoses and neatly coil ready for return to your local HSS Hire Shop.



...any comments?

If you have any suggestions to enable us to improve the information within this guide please fax your comments or write to the Product Manager at the address below

Fax: 0181-687 5001

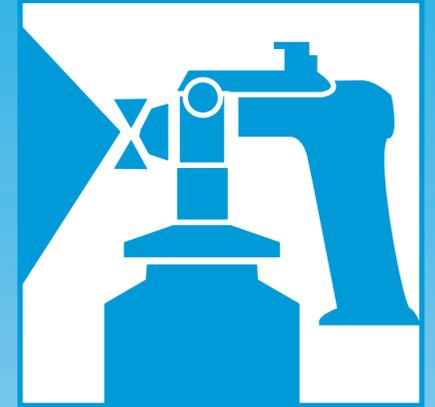
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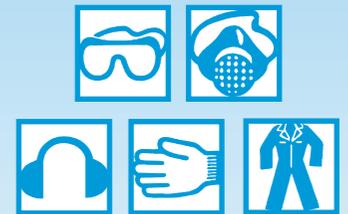
Operating & Safety Guide 594

HSS Hire Shops



Air Spray Accessories

A range of accessories and spray guns for use with 7cfm up to 29cfm HSS compressors.



Code 61510/61511/61512/61520/61559

GENERAL SAFETY

For advice on the safety and suitability of this equipment contact your local HSS Hire Shop.

There is a serious risk of personal injury if you do not follow all instructions laid down in this guide.

This equipment should be used by an able bodied, competent adult who has read and understood these instructions. Anyone with either a temporary or permanent disability, should seek expert advice before using it.

Keep children, animals and bystanders away from the work area.

  Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs.

 Safety Goggles MUST be worn by everyone in the work area.

 Some materials being sprayed may contain substances that, when inhaled, can be harmful to health. A suitable mask MUST be worn when using this equipment. Respiratory protective equipment is available for hire, contact your local HSS Hire Shop for details.

 Some equipment covered by this guide and the compressors used to run them generate potentially harmful noise levels. To comply with health and safety at work regulations, ear defenders must be worn by everyone in the vicinity.

  Wear practical, protective clothing, gloves and footwear. Avoid loose garments and jewellery that could get in the way of the work, tie back long hair.

Check the equipment before use, if it shows signs of damage or excessive wear, return it.

Never carry or pull spray equipment by its air supply hose.

Ensure the work area is well lit and ventilated, if in doubt, ask about ventilation equipment at your local HSS Hire Shop.

Make sure you know how to switch the equipment OFF before you switch it ON in case you get into difficulty.

Always switch OFF and depressurise the equipment before making adjustments to it.

COSHH information sheets are available from your local HSS Hire Shop.

GETTING STARTED

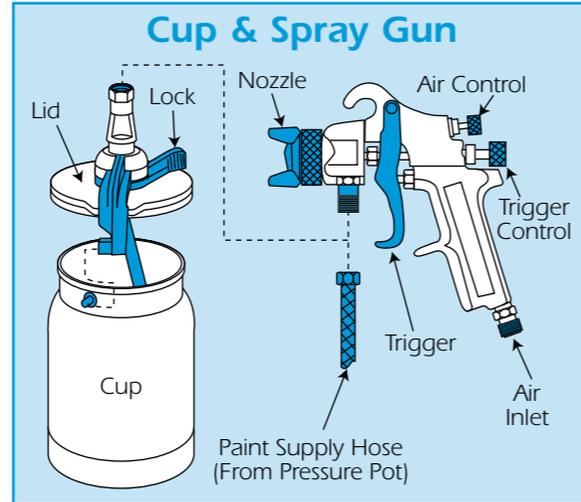
Do not connect any accessories to the compressor until ready, follow the instructions for the equipment you are using and only connect to the compressor when told to do so.

Prepare the material you are spraying, in accordance with the manufacturers instructions.

Hopper Gun...

Connect the air supply hose to the air inlet on the rear of the handle. Finally, close the tap on the gun.

Fill the hopper with the material to be sprayed 2/3 from the top, making sure the gun and hopper remain upright at all times or the paint will spill.



Cup Fed Spray Gun...

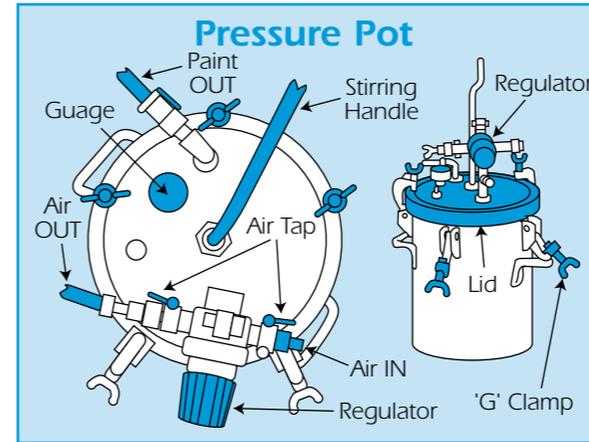
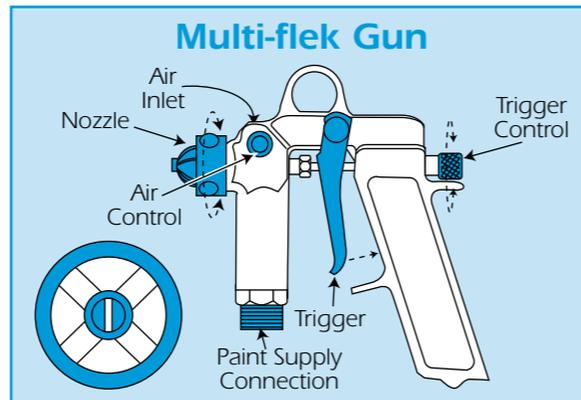
Connect the air supply hose to the air inlet on the base of the handle.

Either unscrew the cup from the gun or move the lock lever to the left to release the seal, then turn the cup anti-clockwise until the cup is released.

Fill the cup with the material to be sprayed using a strainer to filter out any foreign bodies.

Re-fit the cup (reverse the fitting instruction). Make sure the gun and cup remain upright at all times or the paint will spill.

Using A Spray/Multi-Flek Gun & Pressure Pot...

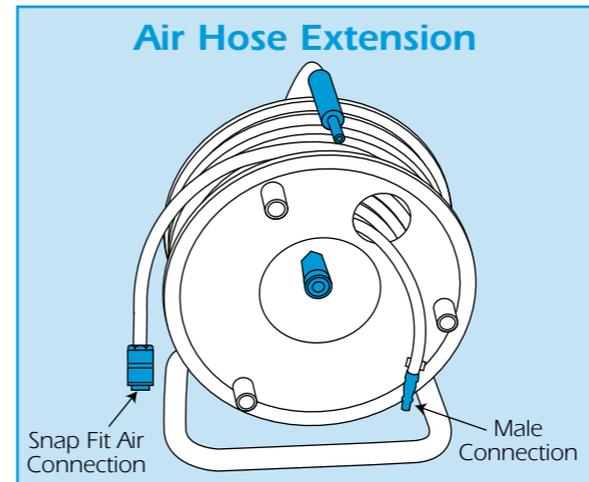


Release and swing the 'G' clamps clear of the pots lid. Lift the lid clear and place upside down on a clean surface.

Fill the paint bucket 3/4 full of the material to be sprayed, using a strainer to filter out any foreign bodies.

Refit the lid, making sure it is properly seated before clamping it in place, then stir the paint using stirrer handle on the lid.

Connect the clear hose to the guns connection just in front of the trigger (see illustration) then connect the other end to the paint outlet on the pressure pot.



Next, connect a pressure air hose between the air outlet on the pot and the air inlet on the spray guns handle or side entry (Multi-Flek).

Then connect the air supply hose to the air inlet on the pot. Finally, close ALL taps on the lid.

CONNECTION TO THE AIR SUPPLY (compressor). If using a compressor for spray painting, place it at least 3.0m (10ft) away from the work area and outdoors if it is petrol-driven.

You can now make the hose connections between compressor and whatever it is supplying.

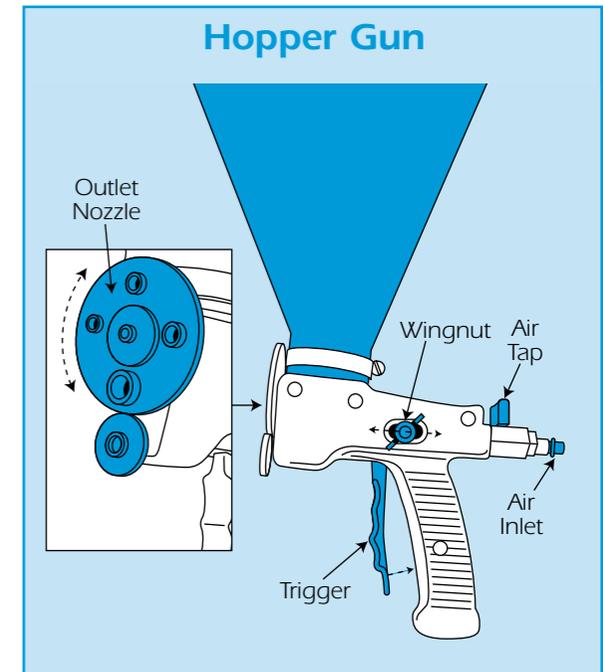
The hose has a snap connector, connect it to an air tap with a snap coupling. Pull back the coupling's outer sleeve, insert the end of the hose, then let the sleeve snap back into place.

If the HSS air hose extension is being used, attach it to the compressor first.

All that now remains is to check that all air taps are closed, and to switch ON the compressor.

Follow the operating instructions for the compressor being used. If in doubt, don't continue, contact your local HSS Hire Shop for advice.

Adjust the pressure control to give the required output for the equipment you are using before opening the air tap between the compressor and the equipment to work.



Hopper Gun...

With the compressors regulator set at 30 psi open the compressors valve.

To spray, simply open the tap on the gun then squeeze the trigger and make a test spray to ensure the pattern and thickness is correct.

If too little paint is being delivered, close the air tap and select a larger outlet hole on the front of the gun. If too much is being delivered select a smaller hole.

The airflow rate can also be adjusted by loosening the wing nut on the side of the gun, pulling the trigger back as far as required then re-locking the wingnut.