

CUSTOMER INSTRUCTIONS

#13-181
Portable Texture Unit



#13-172 Gun with
Standard Hopper

TEXTURE SPRAYER

35-560

HIAWATHA REDDY RENTS

612-722-9516

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IMPORTANT POINTS FOR THE SPRAYING OPERATION

1. Material Consistency

Always follow the sprayable material manufacturer's instructions for correct consistency. Any material must be mixed into a pourable consistency to be used in the Gun and Hopper. If the material is not of pourable consistency it will not flow into the gun properly and will cause an irregular spraying pattern.

2. Air Requirement

A required compressor unit rating of 6.2 CFM free air at 25 PSI is necessary for proper operation of the Gun unit. (Bon Tool Co.'s compressor unit is rated at this level. If not using Bon Tool Co.'s compressor unit the compressor must be of equivalent or higher rating.) With Bon Tool Co.'s compressor there is no holding tank which builds reserve air, when the compressor is on, a continuous supply of air flows to the gun.

SELECTING A PATTERN

1. Size of the Nozzle Opening

The circular nozzle disc on the gun is available in three different sizes: 4mm, 6mm, and 8mm. To change the size of the opening loosen front retaining nut and pull trigger back. Change to desired nozzle and tighten retaining nut. (Note that the size of the opening will determine the amount of material to flow from the hopper once the trigger is squeezed.) The more material that is allowed to flow from the gun, the coarser the pattern will be.

2. Air Flow

The amount of air that reaches the gun is controlled by the relief valve located at the front of the compressor. When the valve is tightened all the way down, the compressor will deliver maximum air to the gun. When the relief valve is backed off, air will bleed off through the top of the valve and thus decrease the amount of air that will reach the gun. The more air supplied to the gun the finer the pattern. A splatter texture would be achieved at about 5-10 PSI. (Note: Any changes to the air flow shut off on gun will change pattern.)

3. Trigger Stop Adjustment

The trigger stop found at the side of the gun can control the amount of material flow. When the trigger is positioned towards the back end of the gun the material flow is at maximum. Conversely, when the trigger is positioned towards the nozzle, less amount of material is flowing, and this would create a coarser pattern.

Always sample the pattern before beginning your finished product. By experimenting with different textures, you can obtain your desired look.

MAINTENANCE

Clean Up of Your Gun and Hopper

It is not necessary to completely disassemble the gun after each spraying operation. It is advisable to remove the gun from the hopper so that the bowl in the gun can be easily flushed.

After cleaning the gun, lubricate the front and rear bushing by placing a few drops of oil on the air stem. This will help to eliminate stick trigger problems.

Read all instructions before operating your spray machine.

WARNING: ALWAYS WEAR "SAFETY GLASSES" WHILE MIXING, SPRAYING, CLEANING

IMPORTANT NOTICE

For maximum spraying efficiency (18-25 PSI), the compressor should have the capacity to deliver a minimum of 7 CFM.

MIXING SPRAY MATERIALS

NOTE: ALWAYS READ AND FOLLOW MANUFACTURER'S MIXING INSTRUCTIONS. All sprayable materials must be thoroughly mixed and free of lumps. Mix to the consistency of thick buttermilk for finer spray textures or a pourable milkshake for acoustic ceilings and splatter/Spanish textures. Water is added gradually as you mix. The aggregate will separate from the mix if all the water is added at one time. If this happens, gradually add more material and re-mix.

SPRAYABLE MATERIALS

GEORGIA-PACIFIC
Vermiculite Ceiling Texture
Polystyrene Ceiling Texture

HAMILTON MATERIALS, INC.
Plas-Tex® Ceiling & Wall Texture
Puretex® Ceiling & Wall Texture

KANSAS CITY WALL PRODUCTS, INC.
S-1000 Texture
V-1000 Texture

USG CORPORATION AND ITS SUBSIDIARIES
Imperial® QT Texture Finish
Spray Texture Paint
Cementico®
(Portland-Lime & Additives)
Multi-Purpose Texture Finish
Durabond® Waterproofing Coating
Duracal® Latex Texture

NATIONAL GYPSUM (Gold Bond®)
Texture
Joint Compound
Perfect Spray Ceiling Texture
Spray Quick Ceiling Texture
Wall Spray Texture

PROKO INDUSTRIES, INC. (Triko®)
Aristex®—Acoustical Texture
Sand Finish Texture
Super-Tex
3 in 1 — All-Purpose Product

WELCO MANUFACTURING (Wel-Cote®)
All-Purpose Joint, Topping & Texturing Cement
Commercial Texture Paint
Professional Texture Paint
Special Spray Textures
Professional Spray Surfer
Acousti-Spray
Styro Spray

Listed above is only a partial listing of sprayable materials. There are many other quality materials available for use with your Goldblatt Gun and Hopper. In general, you can spray any material that will flow by gravity through the hopper and one of the orifices.

SPRAYING GLITTER

Although you can spray glitter with your Goldblatt Gun and Hopper, a special Glitter Gun is recommended to prevent material waste. Also, a separate glitter gun can be ready for immediate application while the textured surface is still tacky.

If gun and hopper are used to apply glitter, they must be thoroughly dry. Use hose and compressor to dry out gun and hopper and apply glitter at 15 PSI to acoustical materials and at 25 PSI to cement/stucco surfaces.

SELECTING A PATTERN

An infinite number of different patterns can be obtained by making the following adjustments:

(A) SIZE OF ORIFICE OPENING — the circular orifice disc on the gun has five opening sizes: $\frac{7}{32}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ". To change opening: loosen both hex nuts (use small socket tool supplied with gun); pull trigger back at least $\frac{1}{8}$ "; rotate disc to desired

opening; tighten hex nuts finger-tight with tool supplied (do not use pliers). Orifice opening is determined by size of aggregate.

(B) AIR NOZZLE TIP — remove orifice disc and gasket. Replace and attach desired size nozzle tip using small socket tool. Gun is shipped with $\frac{1}{8}$ " tip installed and the $\frac{3}{32}$ " tip is included as an accessory.

(C) TRIGGER SETTING — the amount of pattern build-up can be varied by how far the trigger can be pulled back. Use wingnut to lock in desired pattern. It is not necessary to disconnect the air hose to refill the hopper; releasing the trigger stops material flow.

(D) AIR PRESSURE — depending upon the mix and type of aggregate, adjust compressor's PSI higher for acoustic ceiling textures and fine wall sprays. Adjust lower for splatter and/or Spanish textures.

SPRAYING INSTRUCTIONS

SIMULATED ACOUSTICS — loosen the hex nut on the relief valve (on the compressor), screw the relief knob all the way down and re-tighten the hex nut. Use the third largest opening on the orifice disc.

SAND FINISH — adjust the orifice disc to the smallest or the next larger size opening. The relief valve knob (on the compressor) should be all the way down.

ORANGE PEEL TEXTURE — adjust the orifice disc to the smallest opening. The relief valve knob should be all the way down. Set the trigger stop so the air nozzle tip is $\frac{1}{16}$ " from the orifice disc.

SPLATTER TEXTURE — loosen the hex nut on the relief valve and reduce pressure to 4 to 6 lbs. Set the orifice disc to the third largest opening. The size of the texture can be changed by varying the air pressure and/or orifice opening.

SPANISH TEXTURE — may be obtained by trowelling the splatter surface in all directions. Avoid up and down or back and forth motions. Always trowel in circular directions.

MAINTENANCE

KEEP IT CLEAN — for maximum life and efficiency, clean both gun and hopper with clean water.

OILING INSTRUCTIONS — after every use (and, after gun has been cleaned) apply a few drops of oil on the air stem and its spring (access through slot behind trigger). Then pull trigger back and apply a few drops of oil on the front part of the air stem.

On compressor, fill oil assembly between $\frac{1}{4}$ to $\frac{1}{3}$ full of 30 weight oil. Also, put 3 drops of 30 weight oil in each of the two oiler cups on the compressor. When in continuous use, re-oil once a week.

GUN ASSEMBLY — please refer to exploded views of the Goldblatt guns. Use these cutaway drawings as your guide for re-assembling. **NOTE:** Use part NAME and NUMBER when ordering parts.

IMPORTANT: When re-assembling the gun, be sure to adjust trigger so the front tip of the air nozzle protrudes $\frac{1}{8}$ " past the nose piece when the trigger is in the full forward position. If the front of the air nozzle does not bear against the orifice gasket, the gun will leak at this point. When re-assembling the gun, be sure to use a sealant between the housing halves to prevent leaking and a sticking trigger.