

# INSTRUCTIONS

# #13-181 or #13-198 Portable Texture Unit

Thank you for purchasing Bon Tool Co.'s Portable Texture Unit. This high-quality compressor unit when used with Bon's Gun and Hopper is able to spray a wide variety of mixes including drywall mud, texture paints, acoustics, glitter, and waterproofing. Please read and follow the directions below to assemble and operate the unit.

## The 13-181 portable texture unit includes:

- ✓ 1 Horsepower, 115 volt electric motor
- ✓ 50' air hose with fittings

## Use the Compressor Unit with Bon's Gun and Hopper:

- ✓ #13-172 Gun with Standard Hopper (2-gal)
- ✓ #13-176 Gun with Touch-Up Hopper (3/4-gal)
- ✓ #13-191 Spray Gun for flat work (2-gal)

**Attention! Please read the following operating and maintenance instructions for the compressor before starting the compressor unit. Always clean gun and hopper after each use.**

## ASSEMBLING THE HOSE AND COMPRESSOR

*(Use pipe tape or equivalent when attaching fittings)*

1. Remove the plastic plug located on the front of the compressor below pressure gauge.
2. Screw the 1/2" threaded nipple into the place where the plastic plug was removed.
3. Screw the T-fitting into the end of the 1/2" nipple.
4. Screw the brass fitting into the opposite end of the T-fitting.
5. Screw the relief valve into the topside of the T-fitting.
6. Connect the threaded end of the air hose to the threaded end of the brass fitting.
7. The opposite end of the air hose has a disconnect coupling that attaches to the spray gun.

## OILING THE COMPRESSOR

*(FOLLOW INSTRUCTIONS BEFORE USING)*

1. The oil reservoir is located on the top of the compressor, (it has a glass housing) remove the top portion of the assembly by unscrewing the nut at the top of the reservoir. **Use 20 or 30 weight detergent oil.** There is a fill line on the glass housing and it is recommended to only fill the reservoir with 1/2" to 1" of oil. **Do not overfill\*\*\*\*** the pressure of the oil will cause excessive amounts of oil to continually flow through the unit instead of gradually lubricating. Over filling may also cause the lubrication oil to flow through the hose and cause malfunctions within the compressor. Refill as needed.
2. On each side of the compressor there are stems that have small silver caps. These deliver oil to the shaft bearings, and will need a few drops in each stem every 8-10 hours of operation to provide sufficient lubrication. Do not overfill the stems for the same reasons as outlined above.

## SPRAYING OPERATION

Mix desired spraying material and pour into the hopper. Connect the air line to the gun. With the airflow valve in the open position you will notice air flowing from the nozzle of the gun. When the trigger is pulled, material will mix with the air flow and exit through the nozzle. Once spraying is complete, shut the compressor down or close the airflow valve to keep residual material in gun from spraying.

### *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'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 the 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 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 decreases 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 to the gun will change pattern)
3. **Trigger Stop Adjustment:** An adjustment knob found on the back of the gun regulates the amount of material flow. By turning the knob clockwise it increases the amount of material flow for a finer pattern. Counter clockwise decreases the amount for a coarser pattern.

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

## MAINTENANCE

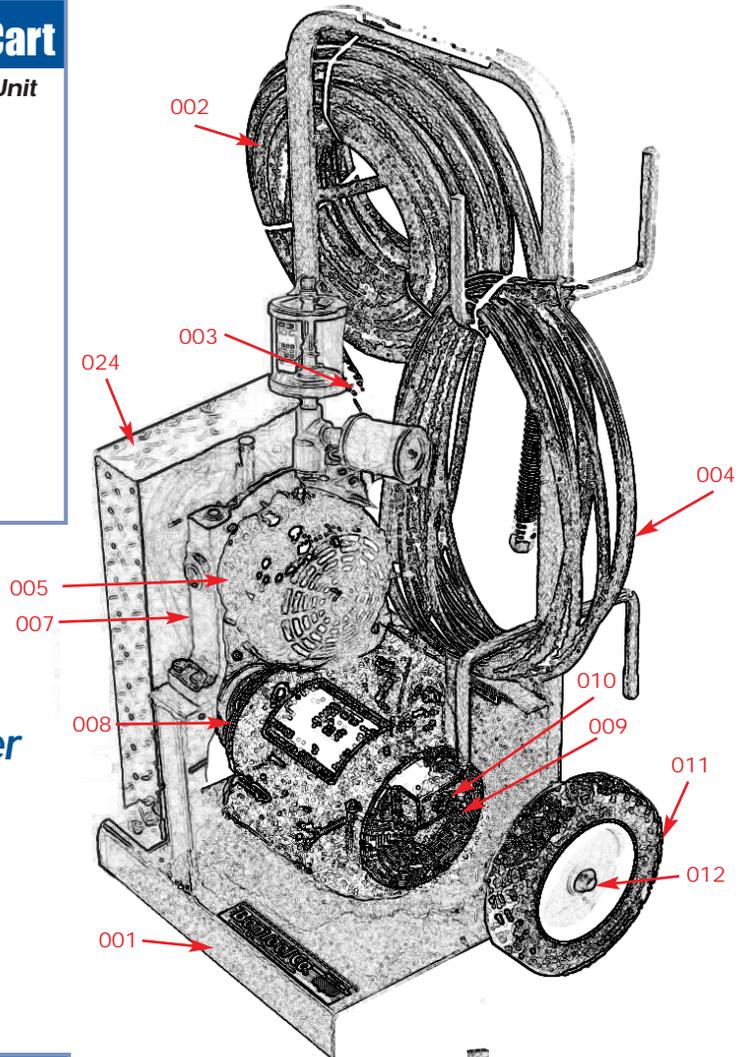
### *Clean Up of Your Gun and Hopper:*

1. 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.
2. After cleaning the gun, lubricate the front and rear bushing of the spray gun, by placing a few drops of oil on the air stem. This will help to eliminate stick trigger problems.
3. On each side of the compressor there are stems that have small silver caps. These deliver oil to the shaft bearings, and will need a few drops in each stem every 8-10 hours of operation to provide sufficient lubrication.

If parts of the Gun and Hopper or Compressor Unit needs to be repaired or replaced call Bon Tool Co. at (724) 443-7080 for a list of parts and prices for your entire repair needs.

## Parts List - Compressor, Motor & Cart

Key#	Item #	Description	Qty/Unit
13-181	001	Frame	1
13-181	002	Air Hose Assembly	1
13-181	003	Quick Disconnect Fitting	1
13-181	004	Power Cord	1
13-181	005	Compressor Assembly	1
13-181	007	"V" Belt	1
13-181	008	Motor Pulley	1
13-181	009	Motor Assembly with Switch	1
13-181	010	Motor Switch only	1
13-181	011	Wheel	2
13-181	012	Cap Washer	2
13-181	024	Guard	1



Order by Key and Item Number  
Toll Free Order Hotline  
800-444-7060

## Parts List - Compressor Assembly

Key#	Item #	Description	Qty/Unit
13-181	006	Compressor Pulley	1
13-181	013	Filter Assembly	1
13-181	014	Oiler Assembly	1
13-181	015	Gauge	1
13-181	016	Pressure Lubricator	1
13-181	017	Relief Valve	1
13-181	018	1/2" x 1/2" x 3/8" "T"	1
13-181	019	Brass Nipple	1
13-181	020	1/2" Close Nipple	1
13-181	021	Fan Cover	1
13-181	022	End Cap	1
13-181	023	Filter Element	1

