

# PRO-BLEND®

## CLOSED MIXING SYSTEM

### Demonstration Checklist

**BEFORE USING A PRO-BLEND® CLOSED MIXING SYSTEM,  
PLEASE ASSURE THE FOLLOWING CHECKLIST HAS BEEN COMPLETED**

- ✓ MATERIAL TO BE MIXED WITH MSDS
- ✓ COMPRESSED AIR SOURCE
- ✓ CONTAINERS
- ✓ MICRO MATIC FITTINGS
- ✓ INSTALLATION TOOLS
- ✓ PRO-BLEND® MIXER

#### 1. Material or Product Data

- a. Describe the material that is to be mixed.
- b. Describe the physical properties of the material.
  - i. Name of product
  - ii. Active ingredient(s)
  - iii. Concentration level
  - iv. Viscosity
  - v. Specific Gravity
  - vi. Volatility, vapors etc.
- c. Describe the condition of the material.
  - i. Saleable
  - ii. In storage
    1. Period of time, storage conditions etc.
- d. MSDS and Product Data Sheet

#### 2. Compressed and or Gas

#### 3. Confirm that there is an available source of clean, filtered (preferably Oil Free) compressed air

- a. An alternate source may be room temperature nitrogen

**4. If Compressed Air is Used:**

- a. Confirm that the Compressed Air Hose is equipped with a Standard Industrial ¼" Female Industrial Interchange Quick Connect.
  - i. If other connection used please provide the mating 1/4" MPT adapter that may be installed into Pro-Blend® Filter Regulator inlet.
- b. Confirm that the Compressed Air pressure does not exceed 125 PSI
- c. The air consumption of the Drum Mixing unit is 1-2 CFM at use pressure of 40-60 PSI
- d. The air consumption of the IBC Mixing unit is 3-4 CFM at use pressure of 45-90 PSI

**5. Confirm specifications of containers being used**

- a. Manufacturer Name
- b. Container Type (Drum or IBC)
- c. Size of Each Container (Ex: 15 Gallon, 30 Gallon, 275 Gallon, 1000 Liters, 200 Liters etc.)
- d. Thread Type of Each Container opening where the container valve will be installed (2.5" x 5 Buttress, 56 x 4mm etc.)
- e. H3 Dimension of Each Container (The distance from bottom of the container to the top of the container bung sealing surface)
- f. If a drum is being used, describe the amount of head space that is between the top of the liquid contents and the top of the container. One inch is the minimum head space that is required.

**6. Confirm that containers have Micro Matic or equivalent Fittings (Container Valves & Down Tubes) Installed**

- a. If 'yes', then continue to Step 6
- b. If 'no', then communicate the information in Step 3 to Micro Matic and obtain container valves and correct length down tube(s). Also, if needed, obtain the Micro Matic Container Valve installation tools as described in Step 5 below.

**7. If Micro Matic Fittings need to be installed; then confirm that installation tools are available. They include:**

- a. #741-015 Container Valve Install/Removal Tool
- b. #ABS-7020-0150 Torque Wrench with ½" Drive (or similar)

**8. Obtain the correct size Pro-Blend® Closed Mixing System for use on Drums or IBC's**

- a. For Drums, order #5987. For IBC's, order #5953
- b. Each system comes equipped with a coupler that affixes to the Micro Matic valve on the drum or IBC.

**9. Follow the system use instructions as described on the label located on the PRO-BLEND Mixer.**