

**OPERATING INSTRUCTIONS
FOR
GEMCOMATIC BLENDERS**



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OPERATING INSTRUCTIONS GEMCOMATIC BLENDERS

Do not operate before reading Gemco Manuals: Gemcomatic Blenders enable the user to load and unload material in and out of blenders automatically, by means of drums.

1. PRECHECKS

- (A) Be sure all component parts and systems have been properly greased and filled with oil.
- (B) Air supply to unit is connected and turned on (See main assembly drawing for correct pressure setting).
- (C) Electrical connections have been made properly by a licensed electricity.

NOTE

Do not attempt to operate blender unless safety gate has been installed around unit (electrical control panel should be outside of gate). This will avoid injury to personnel when vessel is rotating. Safety gate should be electrically inter locked with blender electrical panel, so unit can not operate while gate is open.

2. LOAD BLENDER

- (A) Place drum with material onto tray assembly.
CAUTION: Avoid placing hands on top of drum, to avoid possible pinching of fingers. (Fig.1-A)
- (B) Activate TRAY lever handle so tray will lift drum and seal securely to gasket. (Fig.2-A)
- (C) Close safety gate from outside of area.
- (D) Push POSITION button on electrical panel (Fig.3) Blender will automatically discharge drum material into vessel.
- (E) When vessel stops automatically at zero position, open safety gate.
- (F) Activate TRAY lever handle to lower drum. Remove empty drum.
- (G) Repeat items 2A through 2F until vessel is at proper fill level. See manufacturer's label for working capacity and material density.



(Fig. 1-A)



(Fig. 2-A)



(Fig. 3-A)

3. BLENDER OPERATION

- (A) Make sure all access covers are in place and discharge valve is closed.

CAUTION

Tray must be in the up position during blending operation.

- (B) Close safety gate and check that no personnel are in blending area.
- (C) Set blender timer to desired time (if so equipped).
- (D) Push BLEND START button (if equipped select Blend mode) (Fig.4-A)



(Fig. 4-A)

4. END OF BLEND CYCLE

- (A) When vessel stops or “times out”, return vessel to zero position for unloading, by pushing Position button (Fig. 3-A)

NOTE

Valve should not open without drum in place. Call GEMCO Service Department for any questions or malfunctions.

- (B) Lower tray by activating TRAY lever handle.
- (C) Place empty drum on tray.
- (D) Activate TRAY lift lever to seal drum to gasket.
- (E) Activate VALVE lever handle to discharge material (Fig.5-A)

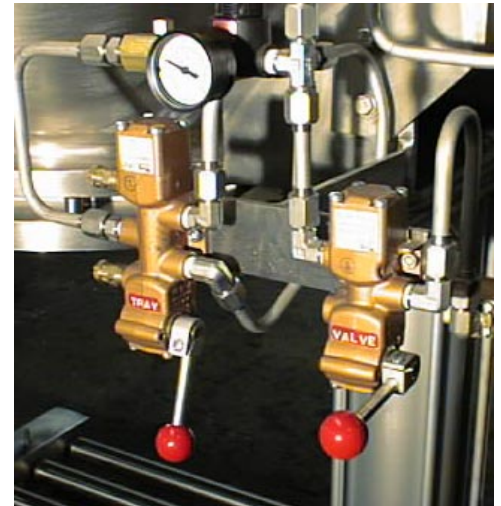
NOTE

Lever is spring return and **SHOULD NOT** stay in open position by itself.

NOTE

Drums will fill in 3 to 10 seconds depending on flow characteristics of material (Some materials may require vibration).

- (F) Release VALVE lever handle when drum is full.
- (G) Lower drum and remove from tray.
- (H) Repeat items 4c through 4g until vessel is empty.



(Fig. 5-A)