



### Processing Capacity

- One 40 gallon batch every 48 hours.

### Ingredients

- 40 gallons of vegetable oil (feedstock).
- 8 gallons methanol.
- 1215 grams (3.3 lbs) NaOH (lye) or 1890 grams (5.2 lbs) KOH (caustic potash).
- 150 mL (0.8 cups) sulfuric acid.
- 32 gallons fresh water

### Power Requirements

- Standard 115V AC power (15 amps max)

**(50 Hz units available for outside the US) Reaction Method**

- acid catalyzed esterification/base catalyzed transesterification

#### **Wash Method**

1. Three stage water wash
2. Spray wash.
3. Turbulent wash.
4. Turbulent wash followed by evaporative drying cycle

#### **Operation**

- PLC controlled automated mode, with switch actuated manual overrides.

#### **Weight (crated)**

- 430 lbs.