

OPERATING INSTRUCTIONS

LEHMAN SLIP-O-MATIC MIXER/RECLAIMER

MODEL: 30B

IMPORTANT:

Do not attempt to use your mixer/reclaimer without reading the operating instructions and fully understanding its operation. Check the machine for damage caused in shipment before attempting to use it.

WARNING:

The motor on these machines is equipped with a grounded electrical cord. **ALWAYS** be sure the motor is fully grounded. If the receptacle (outlet) you are using is not grounded, it is recommended that you have a ground line installed. **AN UNGROUNDED CORD CAN CAUSE SEVERE ELECTRICAL SHOCK!**

PREPARING YOUR MACHINE FOR USE:

These models require some very simple assembly. You will have to bolt the motor to the fiberglass lid and the lid to the tank. You will also have to attach the mixer shaft to the motor shaft. You will notice that there are flat areas on both shafts. The setscrews should be tightened securely to the flat side. If you need technical assistance with this assembly you may call our service department.

Once assembly is complete, you are ready to test the mixer. Turn the mixer on and run it for a short period of time to make sure all of the parts are turning freely. Also listen for rattling or vibrating sounds that could indicate that something is not tightened properly.

USING YOUR LEHMAN MIXER/RECLAIMER:

Your mixer can be used either to mix slip from dry bagged materials or to reclaim trimmings. To mix slip from dry materials, start by adding water as recommended by the source of your materials. Add the clay materials slowly to maintain the vortex (whirlpool mixing action) in the tank. If you lose the vortex, let the mixer catch up before adding any more material. Once the slip has been tested to the proper specific gravity (weight) and viscosity (thickness), it is ready to use.

Reclaiming is much like mixing slip from dry materials. Start by putting water in the tank. For example, put 6 or 7 gallons in a 30B. Add some trimmings to the water and allow them to absorb as much water as they will. (For best results, soak all trimmings in a bucket of water before putting them in the tank. You will find that it is much easier if they are totally soaked and mushy before you put them in the mixer. You should start with less water in the tank if the trimmings have already been soaked.) When they are sufficiently soaked, turn the motor on and let it mix. Do not try to reclaim too much at one time. Fill the tank to about 1/3 of its capacity and mix that amount. When that slip is fluid and of a smooth consistency, turn the mixer off and add more wet trimmings. **DO NOT ADD TRIMMINGS WITH THE MIXER RUNNING!** Use only enough water to maintain a vortex. When you have finished mixing, test the specific gravity and viscosity and adjust as necessary. Properly reclaimed slip can be added at a rate of one-gallon reclaim to two gallons of new slip. Reclaimed slip should be screened to remove any lumps and impurities.

CARE AND MAINTENANCE:

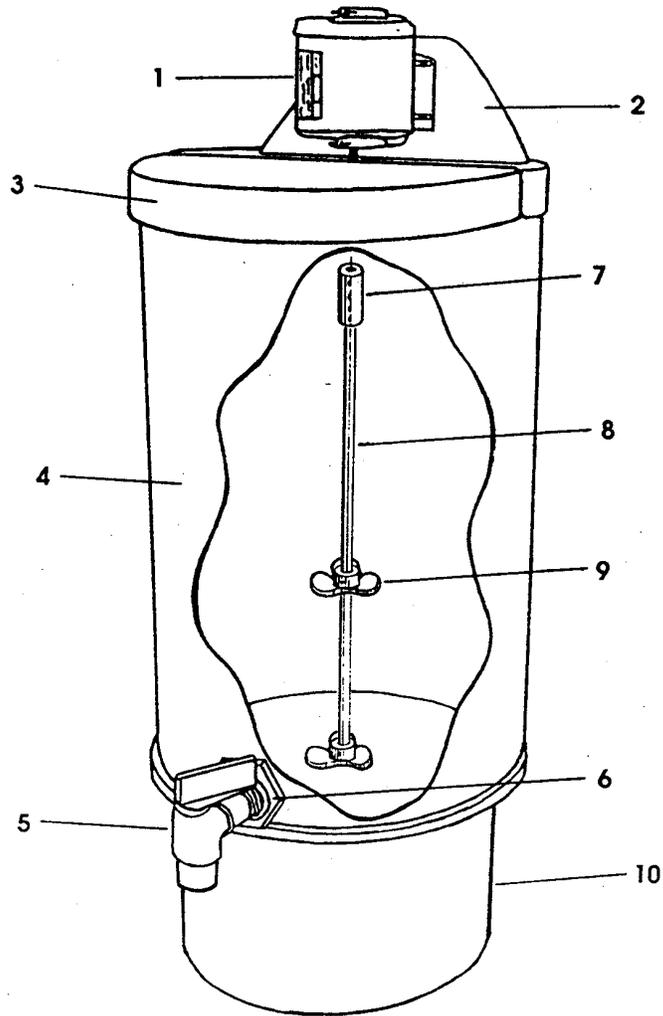
The life of your mixer/reclaimer will be determined by the care you give it. We feel it is in your best interest to **keep it clean!** The fiberglass lids and polyethylene tank of your machine may be scraped with a plastic or wooden utensil. A rubber squeegee works well to keep the liquid pushed down in the tank. **Do not** use a metal scraper, as it will permanently scratch the fiberglass and plastic.

**If you need technical assistance or need to order parts, you may contact our
SERVICE DEPARTMENT at:**

**Lehman Mfg.
304 N. Fairgrounds Rd.
Kentland, IN 47951
(219) 474-6011**

Our hours are 8am to 5pm CST Monday thru Thursday.
Please have your model and serial number ready when you call.

LEHMAN SLIP-O MATIC MIXER / SCHEMATIC & PARTS LIST MODEL 30B



| NO. | PART DESCRIPTION | PART NO. |
|-----|--|----------------------|
| 1 | 1/2 HP Motor 48 Frame, 110 - 120 Volt 60 Cycle | BG4F2054 or BSP2050A |
| 2 | Fiberglass Lid (Motor Mount Side) | B3130 |
| 3 | Fiberglass Lid (Removable Side) | B3131 |
| 4 | Poly Tank | B31830 |
| 5 | Spigot Type Faucet | DF201 |
| 6 | Loose Tank Fitting | 5041AN |
| 7 | Rigid Coupling | 25-5 |
| 8 | Stainless Steel Shaft (1/2" X 25" long) | B3500 |
| 9 | Aluminum Mixing Prop (Req'd 2) | 300-4 |
| 10 | Mixer Base | B/30B |

PARTS NOT SHOWN

| | |
|---------------------------|----------|
| Motor Wired w/ Power Cord | BGF2054W |
| Power Cord | 1VEP4 |