

## Mixing Equipment

- A. Ideal would be a plastic mixing tank with a height to diameter ratio of about 2 to 1. The tank should have a concave bottom or a flat bottom (not a cone bottom). Generally, a 100 liter tank is best for a production type 1 meter or bigger lapping machine with plain plates.
- B. One mixing agitator 1/2 to 3/4 HP, variable speed up to 1750 rpm
- C. A stainless steel shaft long enough to reach 2/3 beneath the full liquid level.
- D. A "Marine Type" mixing propeller (plastic) app. 1/3 ~ 1/4 diameter of the tank, placed out of the center of the tank.
- E. A peristaltic type pump with capacity of 0- 2000 ml / minute.
- F. Plastic reinforced 1/2 inch flexible tubing long enough to reach from the bottom of the tank to the peristaltic pump and then to the lapping machine feed slurry feed line.

