

# New Wave De-airing Pug Mill by Axner



## Operating Instructions

- Plug pug mill and vacuum pump into a 220 volt outlet. Outlet with a 20 - 30 amp breaker is ideal.
- Turn on pug mill and vacuum pump.
- Pug mill may be turned on and off as needed. Vacuum pump may continue to run as desired.
- Lift hopper handle and begin to place balls of clay (about tennis ball size) into the hopper. Push clay further into pug mill chamber by pushing down on the tamper handle. Repeat this with each ball of clay as it is added into the hopper.
- Note: If the barrel is empty (first time use or after full clean out) it will take approximately 25-30 pounds of clay to fill the complete chamber before clay begins to extrude out of nozzle and before you will be able to create a vacuum.
- Feed clay continuously until you have extruded as much clay as desired.
- Vacuum gauge reads on two different scales. Ideal vacuum reading should be at 23 or higher on the scale that goes up to 30.
- Once you are done pugging, turn off pug mill and turn off vacuum.
- You may leave clay in pug mill but the hopper and extruder nozzle should be tightly sealed so that the clay will not dry out. Seal these two openings with a damp towel as the first layer and then with a heavy plastic film as the second layer. Keep the plastic tightly sealed with a large rubber band or a strap.
- **READ AND FOLLOW ALL MAINTENANCE REQUIREMENTS (SEPARATE DOCUMENT) TO INSURE PROPER OPERATION OF PUG MILL.**