



SINCE 1975

POWER WEDGER

VPM-30

World leader of clay mixing pugmills

The complete clay processing machine.

Save your body and time for productive work and let the "tireless assistant" do the complete job of clay production and recycling.

Capable of batch mixing any combination of wet, dry, greenware, slip, slop, powder and scrap. Recycle without slaking, wedging, or constant force feeding

Robust construction combined with innovative design makes the VPM-30 Power Wedger the most capable studio processor available today. The Power Wedger frees the operator during the mixing process, vacuum deairs the whole batch and then empties itself in the form of compacted logs-ready for throwing.



CE CERTIFIED

Patents #4322169 and #5716130

MADE IN THE USA

Capabilities & Features

- Auto safety shut-off
- Mix wet & dry scrap
- Intellectual Mixing
- Adjust moisture of clay
- Mix clay from powder/water
- Eliminates wedging
- Recycle without slaking
- Variable speed control
- Blend multiple clay bodies
- Stainless steel auger
- Powder coated castings
- Stainless steel work surface
- Store moist clay indefinitely
- Extrude simple shapes
- Warm clay for throwing
- Simple to clean



RUGGED CUSTOM CRAFTED MACHINES ENGINEERED FOR THE SERIOUS CERAMICIST
PROVEN PERFORMANCE IN WORKING AND EDUCATIONAL STUDIOS SINCE 1975, PETER PUGGER'S UNIQUE PUGGER-MIXERS CONTINUE TO WIN ENTHUSIASTIC ACCLAIM FOR RELIABILITY, CAPABILITY AND SAVINGS

PETER PUGGER MANUFACTURING INC
3661 Christy Lane, Ukiah, CA 95482

WWW.PETERPUGGER.COM
Phone 707-463-1333/Fax 707-462-5578

The Power Wedger combines the capability of batch mixing with the convenience of pugmill output. All scrap goes right back into the hopper and is recycled, vacuum deaired and pugged.

FEATURES

Batch Mixing: Full batch mixing and blending capability allows for thorough mixing and moisture adjustment before pugging.

On Wheels: The VPM-30 comes with 6" diameter wheels. It is easily transported for cleaning or storage.

High Quality, Heavy Duty Drive: The industrial rated electric motor, close coupled to a gear reduction transmission, is the highest quality available. Overload protection is provided in the magnetic motor starter.

Sealed Chamber: Moist clay can be stored indefinitely since all openings are sealed.

Large Hopper: The over-sized hopper door allows for easy loading of large chunks, scraps or dry powder.

Pugmill Output: Switch to PUG after a batch is completely mixed, and the Power Wedger unloads itself in the form of 3" diameter deaired logs.

Stainless Steel: Augers, shaft and paddles of stainless steel, along with aluminum mixing/pugging chamber, insures clay processing without iron contamination.

Work Surface: The motor, gear drive and vacuum pump are enclosed for protection and cleanliness. This creates a 14" x 20" durable work surface for operator convenience while loading and unloading.

Vacuum Deaired: Entire batch can be thoroughly deaired by starting the vacuum pump when the load is being mixed. Air is removed during the last stage of mixing, leaving an air-free, high quality product when pugged.

Safety Lockout: Operation of the VPM-30 can be controlled using the safety lockout feature located on the main power switch.

SPECIFICATIONS

VPM-30	
Price	
Max Batch Capacity	85 lbs. (moist)
Hopper Door Size	8" x 8"
Mixing Rate	240 lbs. per hr.
Pugging Rate	800 lbs per hr.
Pug Size	3" round
Dimensions	33"H 24"W 46"L
Shipping Weight	410 lbs.
Vacuum Pump	1/2 HP, 3 amps/120V, 2 amps/240V
Motor	1.5HP 1-ph, 16 amps/120V or 8 amps/240V, (3-ph/50hz available)
Options	Variable Speed Control Extrusion Dies, Pug Cutter

VACUUM

Vacuum is provided by a 1/2 HP double-headed rocking piston diaphragm pump. These new technology pumps are the simplest and quietest vacuum sources available. They are maintenance free and long lasting. The Power Wedger does not require a large vacuum pump because the clay is continuously exposed to vacuum in the sealed mixing chamber (no vacuum screens required). Once the clay chamber is evacuated, the vacuum can be turned off. No extrusion screens to plug, clean or slow down cycle times.

EXTRUDING CAPABILITY

The VPM-30 comes equipped with four tapped holes that are machined into the exit end of the pugmill. This allows the operator the option to mount an extrusion die directly to the Power Wedger. Deaired clay can be extruded directly through the extrusion die. The speed of the extrusion can be controlled using the variable speed control.



SAFETY

It is not necessary to continuously hand-feed the Power Wedger as with standard pugmills. Load a full batch, close the lid and turn it on—this eliminates exposure to moving paddles. The machine shuts off automatically when the lid is opened.

CLEANING

The nozzle, and cone are removable so they can be conveniently washed off. With the nozzle and cone removed, the mixing chamber is easily accessible for cleaning. The VPM-30 is on wheels so it can be easily moved to a cleaning site. Cleaning is necessary only to avoid cross contamination. Since the machines are completely sealed, moist clay can be stored indefinitely without drying out.



GUARANTEE

Two year coverage on the whole machine; return the broken part, and it will be replaced or repaired* (owner pays shipping one way only). Thereafter drive parts can be obtained through local hardware sources as all drive parts are standard components. *If, in the manufacturer's sole opinion failure, is due to mistreatment or lack of reasonable maintenance, nominal charge may be made. Motor and transmission manufacturer's usual warranty applies to those parts.