

LANCASTER AUTOBRIK MACHINE



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With a tradition dating back over 160 years to the “Posey Press”, the Lancaster AutoBrik Machine is the standard for soft mud brick production. The Lancaster AutoBrik Machine utilizes the same traditional wooden molds with similar sanding, press action and bumping action now controlled by a PLC control system. This control system allows programming of speed, feed and timing for the production of molded brick. Proven to reduce maintenance costs and improve operational efficiencies, the Lancaster AutoBrik is built to operate day-to-day under harsh brick plant conditions.

ADVANTAGES



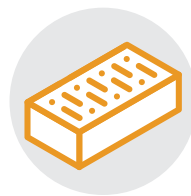
Creates soft mud brick with a light sanding as a coloring and release agent.



Utilizes water as a release agent, producing “water-struck” brick.



Accommodates specialty and difficult to fill shapes.

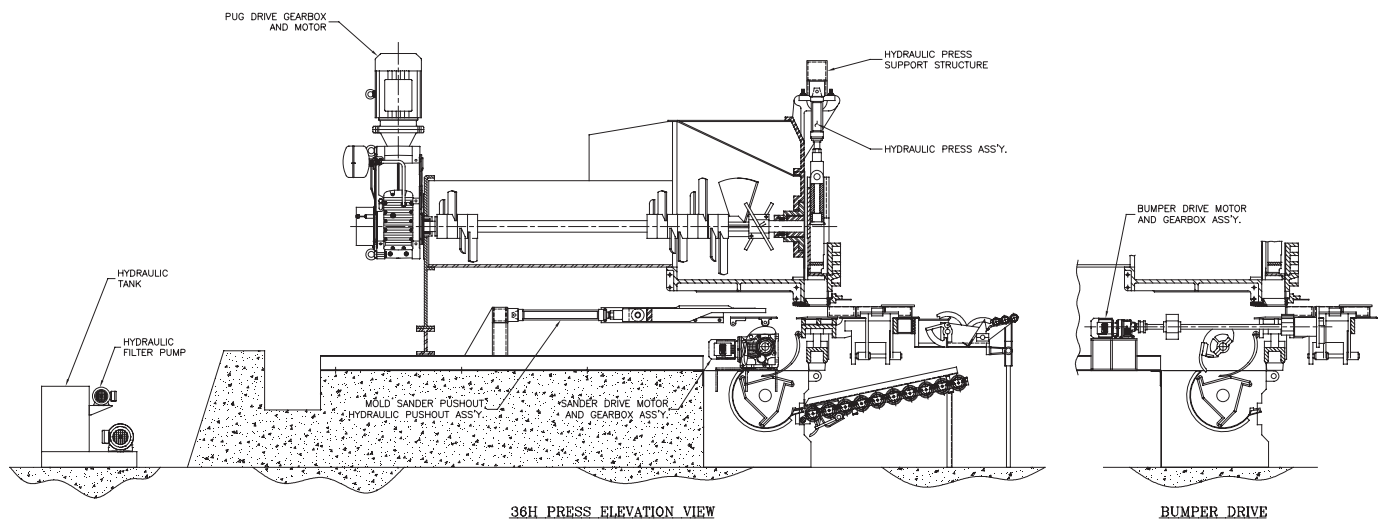


Molded brick can produce a very distinctive look in high demand by architects and builders alike.



SYSTEM COMPONENTS

- **Integrated Pug Mill** – continuously mixes clay/materials while feeding and compressing mud forcing it into the press box
- **Vertical Hydraulic Press** – presses mud through a replaceable die plate and strike-off into the wooden mold
- **Horizontal Hydraulic Pushout Carriage** – indexes new mold into position while pushing filled mold out from under a stationary & replaceable mud strike-off before the press plunger retracts
- **Original “Posey” Mold Bumper Assembly** – adjustable strike count & intensity of the bumper assembly loosens brick from molds to achieve unique brick characteristics
- **Mold Dumper Assembly** – mechanical system releases green brick from mold onto the pallet which is then placed on a take-away conveyor for transfer into the dryer car (not supplied by Lancaster Products)
- **Mold Sander & Elevator Assembly**



DESIGN FEATURES

- Simple mechanical movements allow for quick and easy adjustments to change shapes and optimize quality and production.
- Accommodates very large mold boxes and can use the PLC control to fill difficult shapes by performing multiple press box fills and multiple presses.
- Individual VFD motor action for pug mill, mold sander & elevator shaft and bumper assembly
- True linear actuation to reduce wear of press and pushout
- Auto Lubrication system

CONTROLS FEATURES

- PLC controlled linear hydraulic action for the press, the pushout, and the demolding system.
- Storage of individual system settings for up to 25 recipes, including:
 - Pug speed
 - Press stroke length
 - Strokes/min
 - Bumper setting
 - Dumper motion profiles
- Touchscreen with 3 tiers of operator interface security

SPECIFICATIONS

	MODEL 24H	MODEL 36H	MODEL 46H
Bricks per Mold	4	6 - 7	8 - 10
Bricks per Hour	1,700 - 3,400	6,000 - 9,000	9,000 - 16,000