



PUG MILLS

(For Clay processing)

MALIK'S are specialised manufacturers of Extruding equipment for so many applications. Extruding which involves mixing the ingredients inside a barrel or screw casing by the action of rotating screw with special configuration for the processing task, is also used for processing the wet clay by specially desired Extruder which kneads the dough and pushes it forwards through a conical discharge end fitted with die of desired cross-section. The extruded clay is pushed through the die by large amount of force and attains the desired shape. The extrudate is collected on a Roller stand and cut into desired lengths.

Lever Handle is provided to help feeding clay on screw.

De-Airing (vacuum) pump is provided for removing entrapped air from the feed to produce void free product.

Standard material for Barrel, Nozzle and Auger (screw) is High carbon steel but Stainless steel can also be provided (for easy cleaning).

Standard Auger speed is 20 RPM. Main drive through high torque AC fixed speed Geared Motor.

Variable speed drive could also be provided for easy changing of screw speed.

Horizontally split Barrel for easy access to Auger for cleaning and maintenance.

Roller Stand for supporting the extrudate is available as extra accessory.

Laboratory Model for trial and small production available.



Standard Die shapes available



Nozzle size 3" (Barrel 6") De-Airing Pug Mill with 2 HP Drive & 0.75 HP Vacuum pump. Output rate 550 Kg/h

Nozzle 5" (Barrel 10") De-Airing Pug Mill with 5 HP Drive & 1 HP Vacuum pump. Output rate 1250 Kg/h

Manufacturers:

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