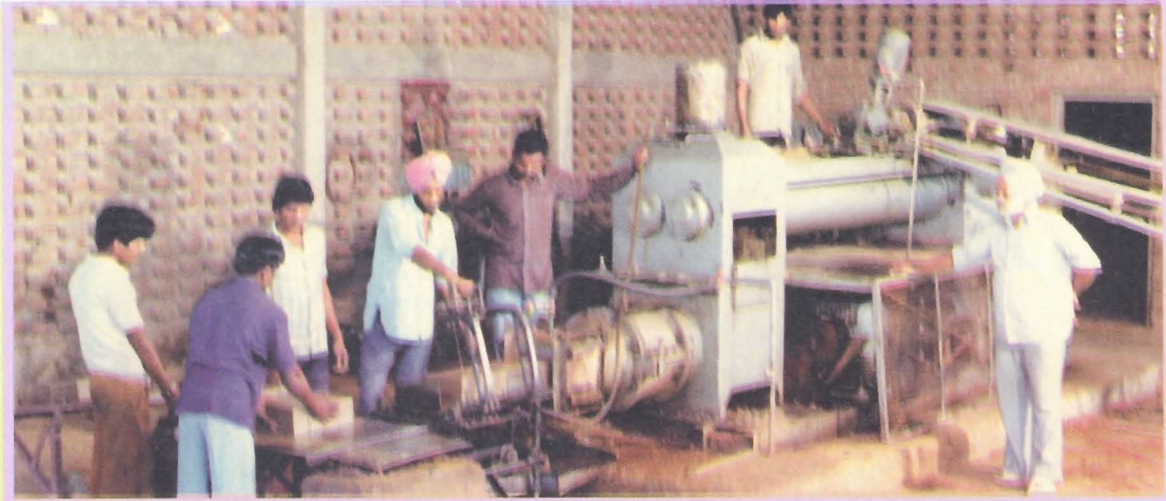




# Central Building Research Institute Roorkee

## Brick Extrusion Machine



- Application/Uses:** For shaping building bricks.
- Salient Technical Features:** The machine produces uniform size and superior strength building bricks. Adoptable for other clay products. Easy operation and maintenance. The capacity of the machine is upto 2500 bricks per hour.
- Environmental Aspects:** No special measures are required.
- Level/Scale of :  
Development** Standardised on a prototype model.
- Status of Commercialisation:** 6 licences; Machine used in production of bricks.
- Major Components/  
Raw Materials** Double-deck extruder with independent drives; hand operated cutting table; belt conveyor; motors; and helical gear box and consumables.
- Major Plant Equipment:  
and Machinery** Standard mechanical workshop facilities including casting, machining and welding equipment.
- Techno-Economics:** Estimated capital investment would be about Rs. 100 lakh. A typical machine with a capacity of 2500 bricks per hours costs about Rs. 6 lakh.
- Technology Package:** Design drawings of the machine; fabrication procedure; specifications of standard components.

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