



Central Building Research Institute Roorkee

Heavy Duty Brick Extrusion Machine



Application/Uses:	For shaping bricks and other structural clay units.
Salient Technical Features:	Extrusion machine (4000 bricks per hour output) of double-deck design having independent clutch drive. Effective de-airing facilitates production of uniform size and superior strength products utilising inferior soils industrial wastes e.g. fly ash, red mud, stone dust etc.
Level/Scale of : Development	Prototype fabricated and extensively tested.
Major Components/ Raw Material	Double-deck extruder with vacuum pump, semi-automatic cutting table, belt conveyer, motor 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 de-airing extrusion machine alongwith semi-automatic cutting table with a capacity of shaping 4000 bricks per hour will cost about Rs 8.5 lakh.
Technology Package:	Design drawings of the machine, fabrication procedure, specifications of standard components.

For further details please contact :

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