



Central Building Research Institute

Roorkee

Tamping Machine for Lime Concrete Terracing



Application/Uses:	For tamping lime concrete terracings laid on flat roofs.
Salient Technical Features:	The machine has three identical tamping units with mounted on an angle iron chassis. The entire machine may be moved forward and backward on two rollers provided below the chassis. The machine can tamp a roof surface of about 50 to 60 sq.m/hr. with high density and resistance to water penetration. The power requirement is 0.5 HP.
Environmental Aspects:	No special measures are required.
Level/Scale of: Development	Prototype designed and tested.
Status of Commercialisation:	Two licences, Technology in production, Indian Patent No.107725
Major Components/ Raw Materials	Standard steel sections, electric motor, cam and roller follower and pulleys
Major Plant Equipment: and Machinery	Standard mechanical workshop facilities.
Techno-Economics:	Estimated capital investment is about Rs. 10 lakh, cost of tamping machine would be about Rs. 20,000/-.
Technology Package:	Manufacturing drawings and specifications.

For further details please contact :

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