



Concrete Block Making Machine



- Application/Uses** : Suitable for casting solid and hollow concrete blocks with stone aggregates upto 50 mm size.
- Salient Technical Features** : Portable egg laying type machine. Casts six blocks of size 30x20x15 cm (or any other size) in one operation giving an output of 1000 blocks per 8 hours shift. Two vibrators each of 0.5 kw capacity and frequency 3000 rpm are used for consolidation of concrete. Power required is 3 kw.
- Environmental Aspects** : No special measures are required
- Level/Scale of Development** : Commercial scale
- Status of Commercialisation** : One licensee, Technology in production.
- Major Components/ Raw Materials** : Standard structural steel sections, shutter vibrators, electric motors, speed reducer
- Major Plant Equipment and Machinery** : Standard mechanical workshop facilities
- Techno-Economics** : Estimated capital investment is about Rs. 10 lakh. Cost of typical power screw operated machine would be about Rs. 80000 and that of hydraulically operated machine is about Rs. 12000
- Technology Package** : Production drawings, fabrication procedure, specification of standard components

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