

Machine for making hollow / solid Gypsum panels

Technology in Brief

In this technology interlocking type Hollow Gypsum Panels are used as load/non-load bearing walls in the building construction. Gypsum panels can be produced first by mixing gypsum powder with water and various additives to create a slurry to be poured into moulds. Both hydraulic pressure and vibration is used for panel production. This machine is also capable of making concrete locking and interlocking panels. It reduces the need for traditional bricks and concrete, leading to resource conservation and cost-effective building solutions. Additionally, it contributes to reduced construction waste and environmental sustainability, making them a valuable asset in the construction.

Salient Features/Advantages

- 5 Panels per batch (extendable up 10 panels).
- 200 panels per 8-hour shift.
- Promoting sustainable and energy-efficient construction.
- Best for interior walls and may be used in outer walls with suitable water resistant paint.
- Superior strength and surface finish of the panel.



Machine for making Gypsum Panels

End Product(s)	Gypsum Panel making machine
TRL	7
Production	4 Panels/Batch;600mm(L),150mm(W),and 300mm(H)
Vibrators	02
Power Consumption	5.0kW
Weight of Machine	~800 Kg
Environmental Impact	Reduces air pollution and energy usage
Setup - Equipment required	Hydraulic jack and vibrators