

# Brick making machine for production of Fly ash - sand -cement / lime brick with production capacity of 5000 bricks in eight - hours shift

## Technology in Brief

Brick making machine contribute to societal development by increasing construction efficiency, reducing manual labor, promoting affordable housing solutions, ultimately driving economic growth and improving living conditions. The raw materials are poured into a mould and uses pressure to compact and shape the material within the machine, creating individual bricks.

It is an eco-friendly technology using industrial waste suitable for producing fly-ash-sand cement bricks with other.

## Salient Features/Advantages

- Faster and cost effective technique for casting of bricks.
- Light weight machine which is easy to assemble and dismantle.
- Easy operation and maintenance.
- Excellent finishing of produced bricks.



**Fly ash-Sand-Cement Bricks**



**Single-mode C-Brick Machine**



**Dual-mode C-Brick Machine (Upgraded version)**

|                                   |   |
|-----------------------------------|---|
| <b>Capacity</b>                   | 5000 Bricks per shift (8Hours); 08 Bricks Produced in one Rotation                                    |
| <b>Power Consumption</b>          | 1.5HP(x2)   |
| <b>End Product(s)</b>             | Brick Making Machine (~500 kg)  |
| <b>License/Commercialization</b>  | 1) M/s Build-Tech Engineering Corporation, Roorkee<br>2) M/s Diamond Engineering Corporation, Roorkee |
| <b>TRL</b>                        | 8   |
| <b>Setup - Equipment required</b> | Vibrators(2Nos)   |
| <b>Linkedin Video Link</b>        |   |
| <b>Youtube Video Link</b>         | <a href="https://www.youtube.com/watch?v=Rato151FsB4">https://www.youtube.com/watch?v=Rato151FsB4</a> |