

# Technology Fact Sheet

## Technology/Product

## Hydraulically Operated Compressed Earth Block Machine

Year

2015

Patent Details

None

Description of technology

### Features of Hydraulically Operated Semi- Automatic Compressed Earth Block Machine.

Hydraulically Operated Semi-Automatic Compressed Earth Block machine has been designed & developed to be used in mass scale production of earth blocks with inter-locking features of high reliability and dimensional consistency.

1. Production Capacity - 120 blocks /hr.
2. Power Source - 230V, 50 Hz single phase supply
3. Hydraulic Power Pack- 2 Nos. Hydraulic Rams, Hydraulic Double pump, 3 hp-1phase 230V,50Hz Motor, Reservoir tank & Valve box with Solenoid Valve.
4. Control System - Control circuit with relays Contactors, Thermal overload, Limit switches and safety features.

### General Information

1. Dimensions(LxWxH) - 936 x 430 x 11345 mm
2. Total weight - 650 kg approximately

### Advantages/Benefits

1. High Production capacity
2. Higher quality with better surface finish compared to other blocks produced by other alternative techniques.
3. Dimensional consistency of blocks.
4. User friendly.
5. Operation reliability.
6. High compressive strength.
7. Height of the block could be set as per the user requirement.
8. Minimum labour requirement.

### Areas of application

Manufacturing of Compressed Earth Blocks for building construction



## Contact Details

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