

## BEYOND BRICK & MORTAR

## BUILD, BETTER, EASIER & FASTER



Sustainable • Building • Solutions

### Advantages of Using the Hydraform Building System :

- Eco friendly - No burning.
- Simple & faster construction.
- Cost effective.
- Training & technical support by Hydraform professionals.
- Interlocking minimal mortar.
- Face brick finish - no plaster.
- On site or factory production of blocks.

### Architects, Engineers & Builders : A Winning Formula For

- Compound walls
- Earthquake resistant buildings.
- Community participation projects.
- Load bearing & framed structures.
- Rapid shelter programs.
- Mass housing & community buildings.

### Eligible Points For Green Building Rating

- Design your blocks to suit R/U values.
- Maximum local & regional materials.
- Use of earth/ash facilitates better thermal performance.
- Higher recycled content value.
- Use of rapidly renewable materials.

### NO Mortar



to encash your opportunity just call us :

**HYDRAFORM (INDIA) PVT. LTD.**



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**INTERLOCKING BUILDING SYSTEM  
& BRICK - BLOCK MAKING MACHINES**



[www.hydraformasia.com](http://www.hydraformasia.com)

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# HYDRAFORM BLOCK MAKING MACHINES

## M7MI

### Mobile Block Making Machine with Integrated Pan Mixer

- Capacity : Upto 200 blocks per hour.
- Power Requirement : 11kw Diesel Engine or Electric Motor 3 Phase (440 volt)
- Pan Mixer Capacity :  $\pm$  140 Litres.
- Fitted with tow Hitch trolley on road worthy tyres for on site mobility.

weight :  $\pm$  1600 kg.

## M7D

### Mobile Block Making Machine

- Capacity : Upto 200 blocks per hour.
- Power Requirement :  $\pm$  9 kw Diesel Engine or 7.5 kw Electric Motor 3 Phase (440 volt)
- On tow hitch trolley & road worthy tyres for on site mobility.

weight :  $\pm$  1000 kg.

## M7E

### Stationary Block Making Machine

- Capacity : Upto 200 blocks per hour.
- Power Requirement : 7.5 kw 3 Phase Electric Motor (440 Volt).
- On Stationary Frame.

weight :  $\pm$  550 kg.

## M7 TWIN

### Mobile Block Making Machine

- Capacity : Upto 400 blocks per hour.
- Power Requirement : 11kw Diesel Engine or Electric Motor 3 Phase (440 volt)
- Fitted with tow Hitch trolley on road worthy tyres for on site mobility.

weight :  $\pm$  1300 kg.

## M7S2E

### Stationary Block Making Machine



- Capacity : Upto 400 blocks per hour.
- Power Requirement : 11 kw 3 Phase Electric Motor (440 Volt).
- Stationary Frame Twin Block Making Chambers with common power pack.

weight :  $\pm$  1300 kg.

### Pan Mixer Stationary - Electric



- Capacity :  $\pm$  450 Litres.
- Power requirement : 7.5 kw Electric Motor (440 volt) 3 Phase & Planetary Gear Box.
- Blender and Roller options available
- Capacity suitable for 2M7E or M7S2E Model.

weight :  $\pm$  1400 kg.

- Capacity :  $\pm$  250 Litres.
- Power requirement : 3.7 kw Electric Motor (440 volt) 3 Phase & Planetary Gear Box.
- Blender and Roller options available
- Capacity suitable for M7E or M7D Model.

weight :  $\pm$  850 kg.



### Block Tester & Cutter

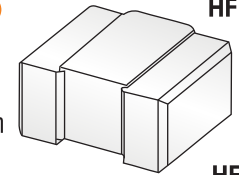
- The block tester is used as a quality control tool, enables the block producer to monitor the block strength.
- The block tester displays block strength in kg/cm<sup>2</sup>.
- The block cutter is designed to cut a 220mm Hydraform block.

The production capacity may vary with labour efficiency and site logistics. Weights are for uncrated machinery. Machine specifications subject to change without prior notice E&OE.

# HYDRAFORM BLOCK RANGE

## 220 mm Block : (9-11kg)

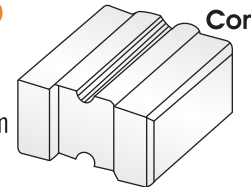
Width : 220 mm  
Height : 115 mm  
Length : 120mm - 240 mm



HF 220

## Conduit Block : (9-11kg)

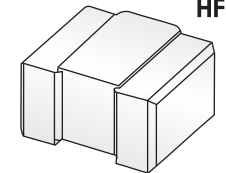
Width : 220 mm  
Height : 115 mm  
Length : 120mm - 240 mm



HF 220  
Conduit

## 200 mm Block : (8-10kg)

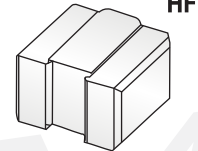
Width : 200 mm  
Height : 115 mm  
Length : 120mm - 240 mm



HF 200

## 150 mm Block : (6- 8kg)

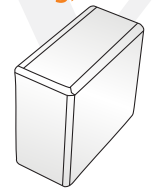
Width : 150 mm  
Height : 115 mm  
Length : 120mm - 240 mm



HF 150

## 115/220 mm Plain Block : (9-11kg) HFP 115/220

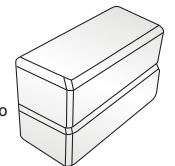
Width : 115 mm  
Height : 220 mm  
Length : 120mm - 240 mm



## Twin Bricks ( 6-7 kg)

Width : 115/150 mm  
Height : 150/115 mm  
Length : 230mm

HF TWIN BRICK



\*Weight of Blocks may vary with change in mix design ratio

## Block Technical Details

- Raw material for making block :
  - Soil - Sand - Cement
  - Fly Ash - Sand - Cement
  - Other Locally available materials like rice husk ash, Marble Powder etc. can be added.
- No burning - Only water cured.
- High compressive strength - Low water absorption.
- Interlocking construction-Dry stack or minimal mortar.
- Vertical & Horizontal reinforcement/conduit possible.