

Block cutter and Block tester

The block cutter is designed to cut a 220 mm Hydraform block

The block tester used as a quality control tool enables the block producer to monitor the block strength. The block tester displays block strengths in MPa and kg/cm²



Block cutter



Block tester

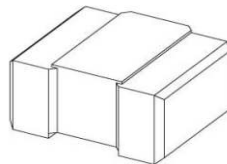
Block Strength

Block strength is affected by cement content and quality, Curing duration (7 days minimum) and soil type

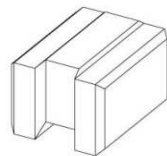
Cement	Typical Strength	Mix Ratio
5%	4 MPa	1:20
10%	7 MPa	1:12

Hydraform block range

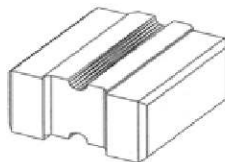
220 mm Block: (± 12 kg)
 (Standard with all machines)
 Width: 220 mm
 Height: 115 mm
 Length: 120 mm - 240 mm



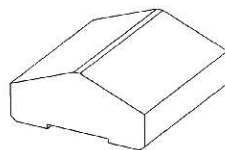
140 mm Block: (± 8 kg)
 (Optional extra)
 Width: 140 mm
 Height: 115 mm
 Length: 120 mm - 240 mm



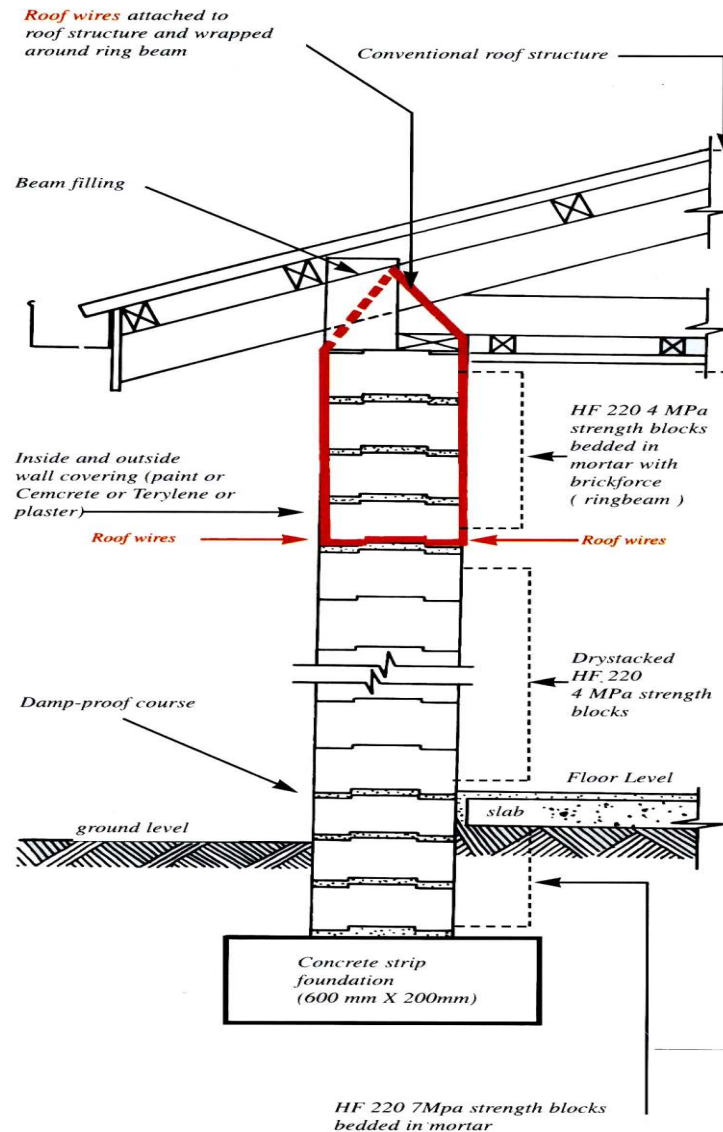
Conduit Block: (± 12 kg)
 (Optional extra)
 Width: 220 mm
 Height: 115 mm
 Length: 120 mm - 240 mm



Capping Block: (± 11 kg)
 (Optional extra)
 Width: 220 mm
 Length: 120 mm - 240 mm



Cross section wall and roof



Weights are for uncrated machinery
 Machine specifications subject to change without prior notice

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HYDRAFORM
BLOCKMAKING
MACHINES Est. 1988



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Block by block we build a Nation
www.hydraform.com

M7 Mobile blockmaking machine

200 - 240 blocks per hour

Inclusive of 11kW Hatz diesel engine, hydraulic power pack including cylinders, compression chamber, pre-compacting top gate assembly, loading assembly, all fitted on a trailer inclusive of spring axle, tow-hitch and road tyres



M7

Weight: ± 820 kg

M7 EPU Mobile blockmaking machine

200 - 240 blocks per hour

As per M7 plus a generator

7.5 kVA 220v single phase

OR

10 kVA 380v 3 phase



M7 EPU

Weight: ± 1000 kg

M7 ExM Mobile blockmaking machine

200 - 240 blocks per hour

As per M7 EPU plus a 140 litre pan mixer

Pan Mixer: 140 litre capacity mounted on the machines sub-frame and powered by the hydraulic system



M7 ExM

Weight: ± 1400 kg

M7 S2D or E Stationary blockmaking machine

400 - 430 blocks per hour

Consists of three separate units, power pack plus 2 chambers connected to the power pack via quick couplers and 4 m extension hydraulic hoses. 11kW diesel engine or 11kW- 380 volt 2 pole electric motor operating at 3000 rpm



M7 S2D

Weight: ± 1000 kg

M7 Twin Mobile blockmaking machine

400 - 430 blocks per hour

Inclusive of 11kW Hatz diesel engine, hydraulic power pack running 2x compression chambers including cylinders, pre-compacting top gate assembly, loading assembly, all fitted on a trailer inclusive of spring axle, tow-hitch and road tyres



M7 Twin

Weight: ± 1200 kg

M7 E 380 Stationary blockmaking machine

200 - 240 blocks per hour

Inclusive of 380volt 7.5 kW electric motor



M7 E380

Weight: ± 537 kg



- Hydraform blocks are produced from Laterite (Building sand/sub soil) and 5 -10% cement
- Hydraform blocks are not burnt, and therefore environmentally friendly
- Hydraform blocks are interlocking and dry stacked, minimising the need for mortar
- Hydraform provides full training and support worldwide