

Harex Concrete Block Machine: H-212

Harex H-212 concrete block machine is robust, versatile, very compact and very economical. It is capable of producing concrete bricks, hollow and solid blocks, and paving stones.

- Robust, compact and trouble free
- Highly cost-effective
- Perfect choice for start-up
- Formed blocks can be handled by hand

Structure:

- The machine frame is a sturdy structure made of section steel.
- Wear-resistant slide bushings are used in the sliding metal bearings of the guide pillars that guide the moving of mould and compaction head.
- Double-sliding metal bearings are mounted on two guide pillars so that mould and compaction head move smoothly without error.

Filling System:

- Filling box moves by means of powerful hydraulic cylinder with shock-reducing device, and its speed can be adjustable by valve.
- Impeller, a device driven by geared motor, is mounted to facilitate the filling of material into mould.

Block Machine:

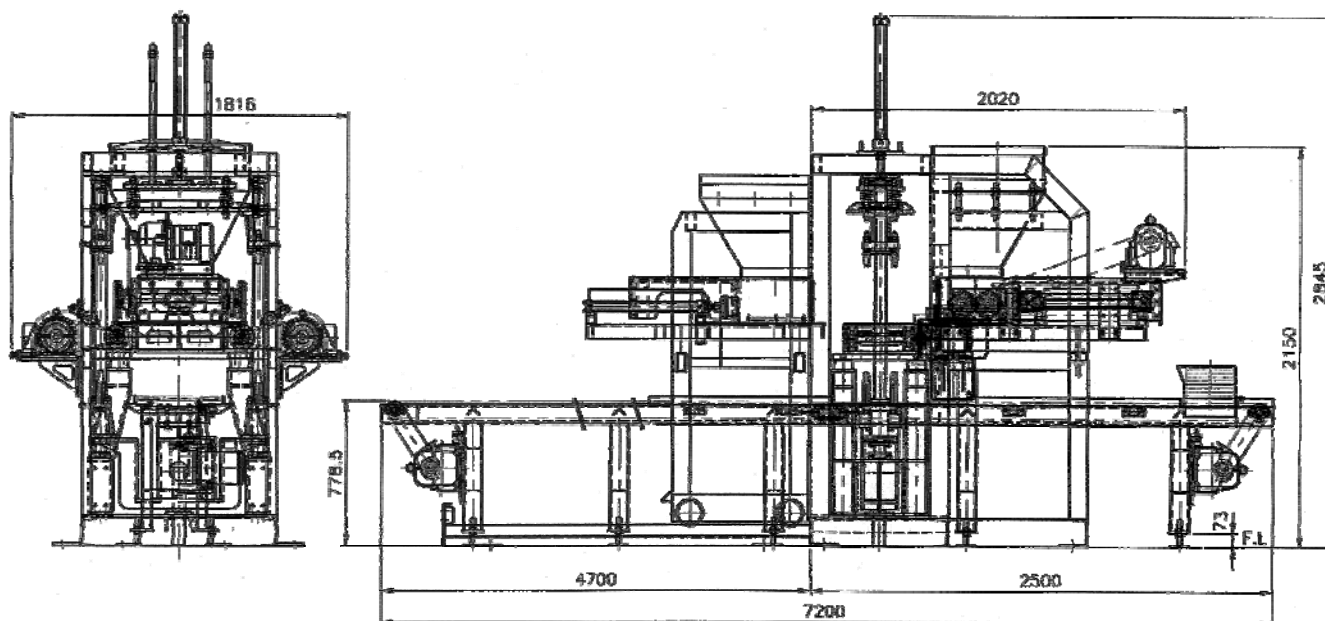
- Two special vibrators (2.2 kW x 2 = 4.4 kW)
- Pallet size: 450 x 250 x 4.5 mm (steel) or 60 mm (wooden)
- Block height: 60—200 mm

Compaction:

- Mould is mounted to the compaction frame by means of screw joint.
- Adjustable pressure adjustment valve

Hydraulic Device:

- Oil pump and driving part including motor are installed separately.
- Pilot valve
- Two pressure selection stages are available for cylinder operation.
- Includes necessary piping and valves
- Oil tank ventilator, oil temperature indicator, oil level indicator, oil filter for preventing contamination
- Oil heater is installed on the hydraulic tank.
- Oil cooler is installed on the pipeline through which oil returns to the tank. A compulsory ventilation fan controlled by temperature sensor is also installed. A separator oil pump is installed on the oil cooler.



A: H-212 Main machine (front view) | B: H-212 Main machine (side view)

H-212 Specifications & Capacities

Pallet (steel) size (mm)	450 x 250 x 4.5		
Effective Area (mm)	400 x 200		
Product height (mm)	60 - 200		
Approx. weight (kg)	2,200		
Production Capacities	Blocks per pallet (cycle)	Cycles per minute	Output per hour
Brick 190 x 90 x 57 mm (Korea)	12	6	4,320
Brick 215 x 100 x 65 mm (Malaysia)	12	6	4,320
Block 390 x 100 x 190 mm	2	5	600
Block 390 x 150 x 190 mm	1	5	300
Block 390 x 190 x 190 mm	1	5	300
UNI Paver 225 x 112.5 x 60 mm	3	5	900

