



flexible,
innovative,
quality products.

Welcome to Himat[®] Machine Tools

**manufacturer
of Fly-Ash Bricks &
Paver Blocks Machinery
since 1984.**

Our Vision

Vision of Himat Machine Tools is to be a leader in Machinery for India's leading fly ash brick & paver machines manufacturer and be the most prestigious organization that sets the bar high on quality and development; excels in customer service and respects the Environment.

Our Mission

The Mission of Himat Machine Tools is to offer superior quality products, in order to satisfy all customer needs in residential, industrial and public installations.



Our Story

Over 35 years of history to become a reference company worldwide.

Himat® Machine Tools has been a leader in the Fly-Ash Bricks making industry since 1984; taking pride in providing the world with high-strength, quality safes at competitive prices.

Himat® Machine Tools was founded by **Shree Govindbhai Padharia, Mr. Himat Padharia & Mr. Yogesh Padharia** began working in the Fly-Ash Bricks and Paver Block making machinery industry at the youthful age of sixteen.

It commenced operations in the year 1999. **The promoters of the company have over 34+ years of experience in the business of manufacturing Fly-Ash Bricks making machineries, Interlocking Paver Block making machineries, Concrete Block making machineries, Cement (Mosaic) Tiles Making Machinery and Interlocking Bricks Making products. It enjoys an excellent reputation all across the industry.**

Well known under the registered trademark of **Himat®**

Himat constantly strives to upgrade its process and incorporate international development standard through customer feedback and market requirements.

In the 1999's the Group expanded its footprint in the international market, and also expanded its wings includes South Africa, East Africa and Nepal. Mainly based on setting up presence started to spread over Gujarat, Madhya Pradesh, Uttar Pradesh, Maharashtra, Chhattisgarh, Telangana, Orissa, Jharkhand, West Bengal, Assam, Arunachal Pradesh & Meghalaya.



**Quality you can afford
success of performance
quality first.**

Automatic Vibro with High Pressure Machine for Making Fly-Ash Bricks



MODEL P-08



Automatic Vibro with High Pressure Machine for Making Fly-Ash Bricks & Paver Block Machine

Maximum High Pressure with Vibration

- **Total Power Required** : 24.0 HP (With 1 Pan Mixer) & 34.0 HP (With 2 Pan Mixer)
- **Additional Facility** : Double Feeder facilities for production of Color Paver Block.
(As per Customer requirement)
- **Production capacity** : Cycle Time: 20 Seconds for Single Feeder & 30 Seconds for Double Feeder
 - Bricks Size : 230x110x75mm (10 Cavity)
 - : 190x90x90mm (12 Cavity)
 - : 300x200x150mm (3 Cavity)
 - : 400x200x150mm (3 Cavity)
 - Hollow : 400x200x200mm (3 Cavity)
 - Paver Block: 8000 Nos. (Single Layer) 6000 Nos. (Double Color)
 - : 6 Cavity in One Mould Paver

● Palette Size	: 609.6 x 762mm (24x30 inch)
● Palette require per shift	: 1200 Palette per 8 hours shifts
● Oil Tank Capacity	: 600 Liters
● Machine Size	: Press Machine : 24-L x 12-W x 12-H Feet Power Pack : 1270x1070x1200mm Electric Panel Board : 815x1130x470mm
● Incoming supply conductors and terminations and devices for disconnecting and switching off	: MCCB (Moulded case circuit breaker) (Supply Vault 415 / 420) & Frequency 50 Hz
● Protection against electric shock	: Electric shock protection for MCB
● Protection of Equipment	: MCCB (Moulded case circuit breaker)
● Control circuits and control functions	: PLC, SMPS, SSR Card, Relay Card
● Control gear: location, mounting and enclosure	: 'C' Channel Mounting
● Conductors and cables	: RR Kabel – Cables
● Electric motors and associated equipment	: Crompton Greaves / ABB Motors
● Socket – Outlets and lightings	: Heavy Duty Socket
● Protection against residual voltage	: 390V to 440V, 900V PR Voltage Control, Select Co
● Functional Test	: Machine Functional test done at our factory.
● Shed & Platform require dimensions	: 60x40 Feet
● Area requires for brick storage	: 100x100 Feet
● Cables and Starter	: 4mm & 1.5mm Cable - as per your requirement 32-3 Pole-1 - MCB 32-4 Pole-1 – MCB
● Labours require per 8 hours shift	: 12 Labours required per shift

MODEL P-08 Double Feeder

Automatic Vibro with High Pressure Machine



MODEL P-08

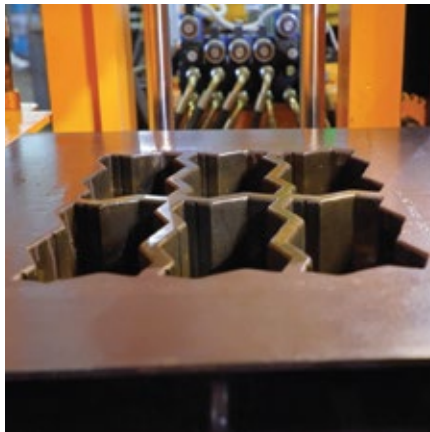
Technical Information

- A piston is hard chrome
- Wiper on cylinder top
- Super vibration and pressing systems for maximum compaction and strength
- Discharge of finish product through pallette for FASTER production
- Automatic pressing and de-molding by a preset auto timer control
- The press is controlled by PLC
- Fly-Ash Bricks made will have a shiny smooth finish
- Safe working conditions with an electrical interlock system
- Conveyor Belt: Power required: 3HP
- Sturdy construction, easy to operate, maintain, low running and maintenance costs.

* Indicative only. Production depends upon the labor efficiency and mix quality.

"Higher Tonnages, Bricks size as per customer specifications. Standard Brick size : 230 x 110 x 75mm

Specifications are subject to change for improvement. Specifications, weights, volume are approximate only. Manufacturers may introduce such alterations as they may deem fit without previous notice. Machines can be supplied as per customer's specific requirements. Machine capacity mentioned is only for guidance. It will vary with materials.



Things need to know when you plan to invest a Automatic Vibro with High Pressure Machine In INDIA



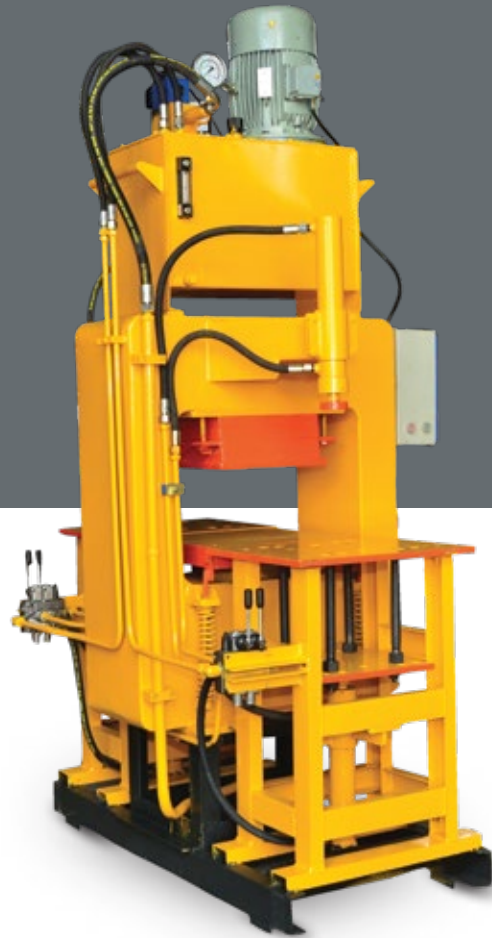
MODEL P-01 Paver Block Machine

Maximum pressure tonnage 40
Manufacturing capacity mosaic tiles :
upto 37mm x 375 mm

Solid for manufacturing capacity of paver :
25mm to 80mm

Each paver machine can give production of
1400 to 1800 nos. paver per 8 hours shift.

Power Req. : 7.5 HP
Oil tank capacity : 70 Liters
Machine size : 150cm x 115cm x 240cm



MODEL CT-6 Colour Mixer

Construction :

The lid barrel is made of dual mild steel cones there is complete arrangement provided for speed control. The Lid contains leak-proof provision.

Utility :

Fast and accurate in colour mixing.
Continuous mixer for first (Top) layer of mosaic tiles and paver block

- Manufacturing Capacity : 150 Kg. per batch
- Drive : 2 HP 1440 RPM
- Ideal Speed : 38 to 42 RPM
- Machine Size : 145 cm x 90 cm x 155 cm



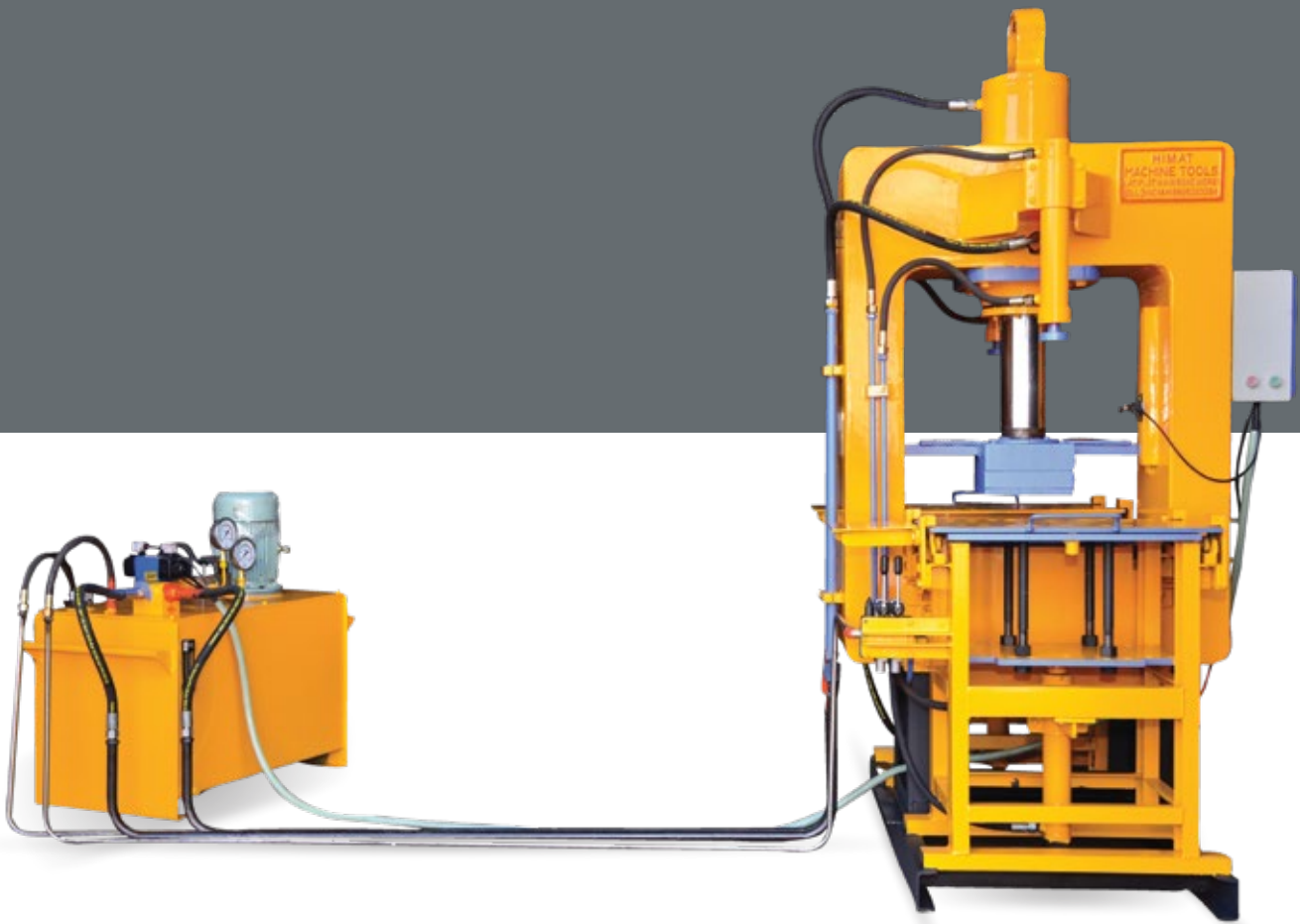


Paver Block Machine

- Maximum High Pressure Tonnage 70
- Oil cooling system facilitate to cool down oil even press is working
- Trolley System - Mould moves/operates through trolley.
- Auto stop
- Safe working conditions with electrical and mechanical interlock system
- The pressing operation is time controlled with single switch operation for both pressing and return strokes ensuring uniform pressure on all sides of tiles
- Power required : 5 HP
- Each paver machine can give production of 1400 to 1800 nos. paver block per 8 hour shift

- Manufacturing capacity : 450mm x 450mm Mosaic Tiles
450mm x 300mm x 150mm Kerb Stone
- Oil tank capacity : 100 liters
- Machine size : 150cm x 123cm x 270cm

MODEL P-03 REGULAR



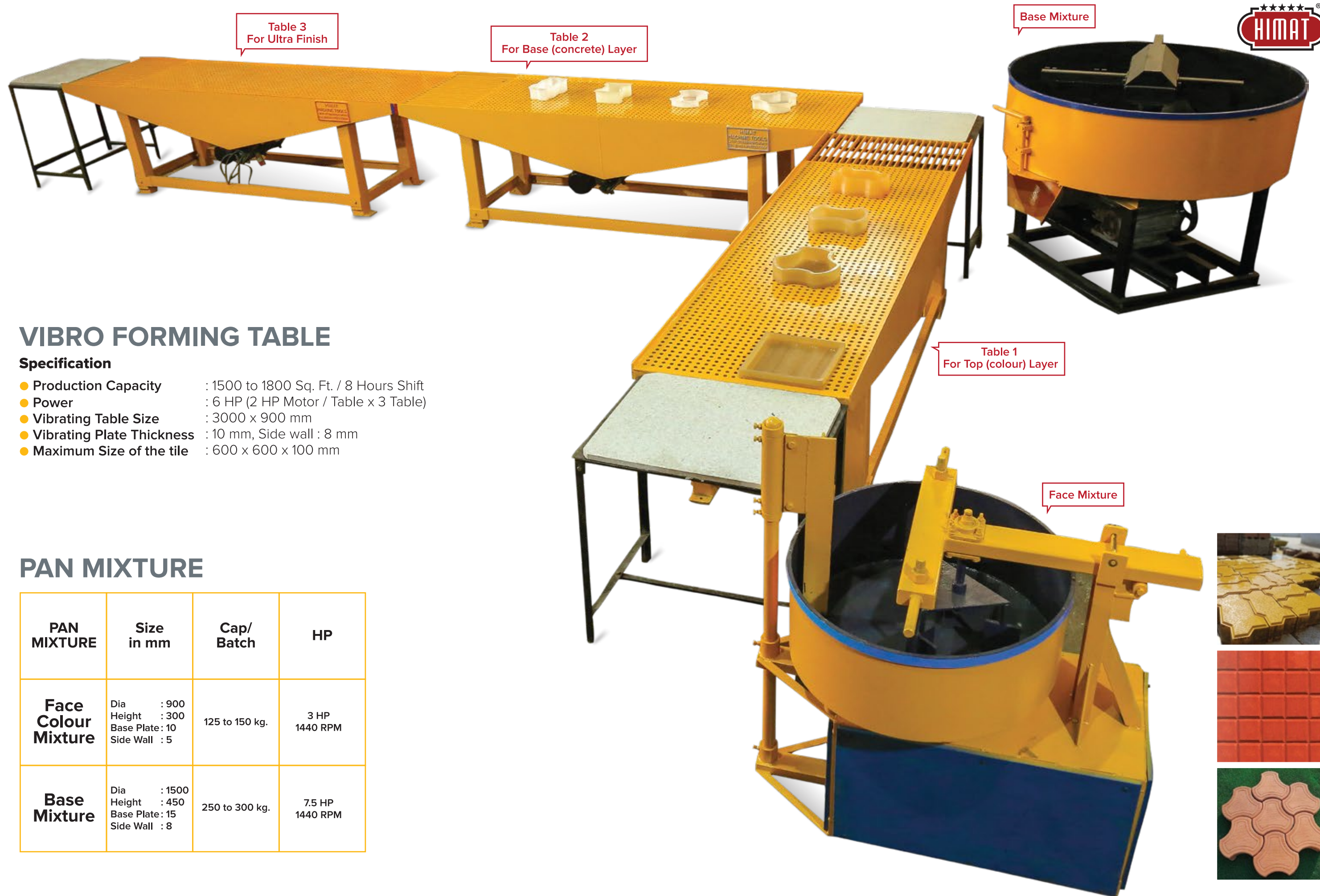
Regular Speed Paver Block Machine

- Maximum High Pressure Tonnage 70 & 90
- Oil cooling system facilitate to cool down oil even press is working
- Auto stop
- Safe working conditions with electrical and mechanical interlock system
- Superior vibration and pressing system for maximum compaction and strength
- The pressing operation is time controlled with single switch operation for both pressing and return strokes ensuring uniform pressure on all sides of paver block
- Power required : Power Pack 5.0 HP and Vibration System 2.0 HP
- Each paver machine can give production of 1800 to 2000 nos. paver block per 8 hour shift
- Manufacturing capacity
 - : Paver Block 40mm to 100mm
 - Kerb Stone 450mm x 300mm x 150mm
 - Railway Crossing Paver & container yard Paver
- Oil tank capacity : 200 liters
- Machine Size : 150cm x 135cm x 245cm
- Power Pack Size : 110cm x 85cm x 100cm



High-Speed Paver Block Machine

- Maximum High Pressure Tonnage 70
- Oil cooling system facilitate to cool down oil even press is working
- Auto stop
- Safe working conditions with electrical and mechanical interlock system
- Superior vibration and pressing system for maximum compaction and strength
- The pressing operation is time controlled with single switch operation for both pressing and return strokes ensuring uniform pressure on all sides of paver block
- Power required : Power Pack 10.0 + 3.0 HP and Vibration System 2.0 HP
- Each paver machine can give production of 2500 to 3000 nos. paver block per 8 hour shift
- Manufacturing capacity : Paver Block 40mm to 100mm
Kerb Stone 450mm x 300mm x 150mm
Railway Crossing Paver & container yard Paver
- Oil tank capacity : 300 liters
- Machine Size : 150cm x 135cm x 245cm
- Power Pack Size : 110cm x 85cm x 100cm



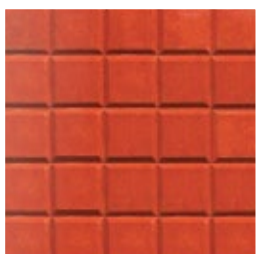
VIBRO FORMING TABLE

Specification

- Production Capacity : 1500 to 1800 Sq. Ft. / 8 Hours Shift
- Power : 6 HP (2 HP Motor / Table x 3 Table)
- Vibrating Table Size : 3000 x 900 mm
- Vibrating Plate Thickness : 10 mm, Side wall : 8 mm
- Maximum Size of the tile : 600 x 600 x 100 mm

PAN MIXTURE

PAN MIXTURE	Size in mm	Cap/ Batch	HP
Face Colour Mixture	Dia : 900 Height : 300 Base Plate: 10 Side Wall : 5	125 to 150 kg.	3 HP 1440 RPM
Base Mixture	Dia : 1500 Height : 450 Base Plate: 15 Side Wall : 8	250 to 300 kg.	7.5 HP 1440 RPM





**Actual
Production
Plant Photo**

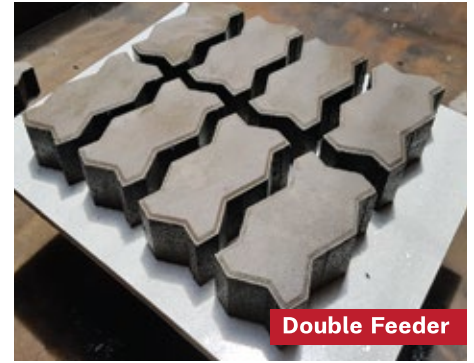




Single Feeder



Double Feeder



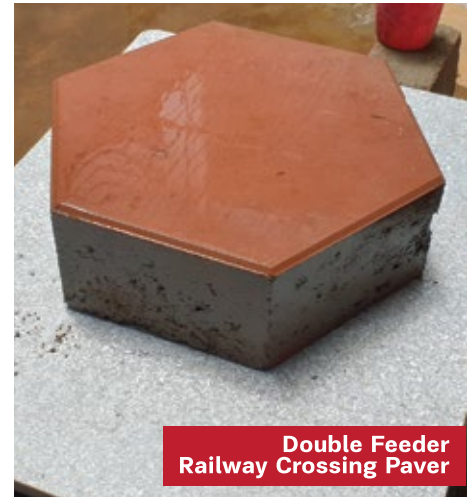
Double Feeder



Single Feeder



Double Feeder



Double Feeder
Railway Crossing Paver



Heavy Duty Flooring Blocks
450x300x150 mm



Blocks
450x200x150 mm



Blocks
230x110x75 mm





Himat Machine Tools

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