



AN ISO 9001 : 2015 Certified Co.

NAKUM[®]

Machinery Mfg. Co.

Manufacturers & Exporters of :-

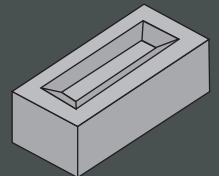
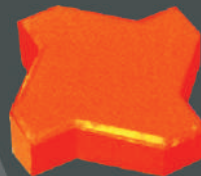
Fly-Ash Bricks, Interlocking Paver Blocks, Chequered Tiles, Interlocking Bricks, Solid Concrete Blocks & Cement Tiles Making Machinery



Fly-Ash Bricks:
230 x 100 x 75 mm



Uni-stone Pavers:
220 x 110 x 80 mm



Excellence Through Commitment & Execution

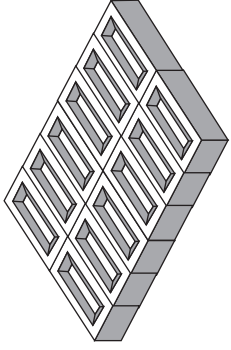
MODEL No. NM / 019/022

**FULLY AUTOMATIC
HIGH PRESSURE MACHINE
FOR MAKING FLY-ASH BRICKS & BLOCKS**

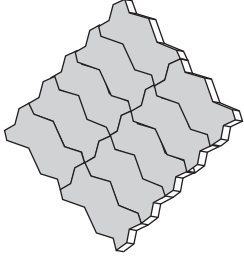
Main Features of Fly-Ash Bricks Machine :



Fly-Ash Bricks:
230 x 100 x 75 mm



Uni-stone Pavers:
220 x 110 x 80 mm



Production in Shift of 8 Hour :-

Model No. New/019 Bricks Size	Model No. New/022 Bricks Size
: 230 x 100 x 75mm 13500 Pcs.	: 230 x 100 x 75mm 20000 Pcs.
: 230 x 110 x 75mm 13500 Pcs.	: 230 x 110 x 75mm 16500 Pcs.
: 230 x 150 x 75mm 10000 Pcs.	: 230 x 150 x 75mm 13500 Pcs.
: 400 x 200 x 150mm 2850 Pcs.	: 400 x 200 x 200mm 4300 Pcs.
Play Wood Pallet Size 600x600x19 MM (Aprox 1700 Pcs.)	Play Wood Pallet Size 750x600x19 MM (Aprox 1700 Pcs.)

- **Facility** : Materials Automatic Single Feeder Facilitates for Production of Fly-Ash Bricks & Blocks
- **Pallet Feeder** : Pallet Feeder Back Side of Machine
- **Pan Mixer Machine** : Heavy Roller & Blades, 500kg Mixing Capacity, 10 Hp Motor & Heavy Duty Gear Box (2 Pcs. Mixer)
- **Discharge of Material** : Discharge of Finish Product Through Bering(Chain) Conveyor for Faster Production

MODEL No. NM / 019/022
FULLY AUTOMATIC
HIGH PRESSURE MACHINE
FOR MAKING FLY-ASH BRICKS & BLOCKS

Main Features of Fly-Ash Bricks Machine :

The Advantages of Fly-Ash Bricks in Construction Are as Under :

ADVANTAGES :-

- | | |
|-------------------------------------|------------------------------|
| 1. Higher Compressive Strength | 7. Saving in Plastering Work |
| 2. Uniform Size & Right Sharp Angle | 8. Avoids Atmospheric Effect |
| 3. Less Mortar Consumption | 9. Good Looks |
| 4. Longer Life | 10. Negligible Breakages |
| 5. Smooth Finishing | 11. Eco-Friendly Product |
| 6. Most Economic Product | |



SPECIFICATIONS AND FEATURES :-

S.No.	Description	Unit	Model No. New/019	Model No. New/022
1	Production Cap.(Bricks)	Per Hour	1500 To 1700 (9"X4"X3")	2300 To 2500 (9"X4"X3")
2	Pressing Cylinder Cap.	Tones	85 (Cyl.Size 200mm)	135 (Cyl.Size 250mm)
3	Hydraulic Pump Motor	H.P	7.5 + 1 = 8.5 H.P	10 + 1 = 11 H.P
4	Cycle Time	Second	16 To 17	16 To 17
5	Pan Mixer Cap.	Kg.	400 Kg.	500 Kg.
6	Pan Mixer Motor	H.P	7.5 X 2 = 15 H.P	10 X 2 = 20 H.P
7	Oil Tank Cap.	Litre	415 Liter	415 Liter
8	Conveyor Belt	H.P/Size	2 H.P / 18" X 18 Feet	2 H.P / 18" X 20 Feet

GENERAL TECHNICAL INFORMATION :

- Piston is Hard Chrome
- Wiper on Cylinder Top
- Super Pressing Systems for Maximum Compaction and Strength
- Oil Cooling System Facilitate to Cool Down Oil Even Press is Working
- Fly-Ash Bricks, Made will Have Shining Smooth Finish
- Safe Working Condition with Electrical and Mechanical Interlock System
- 10 Workers Require for Total Production Process

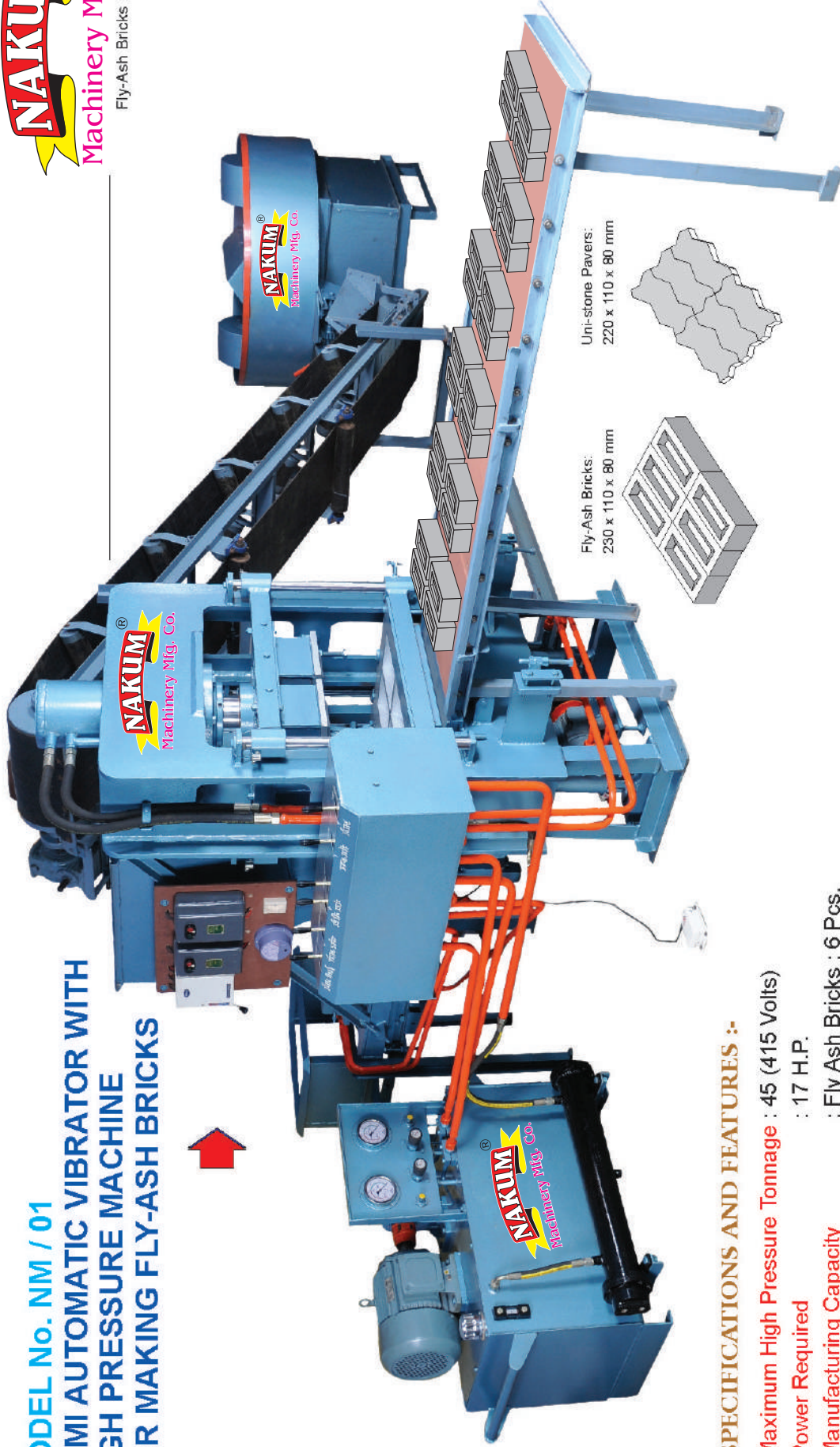
*Indicative only. Production Depends upon the Labour Efficiency and Mix Quality.

"Higher Tonnages, Brick Size as per Customer Specification. Standard Brick size is 230 x 100 x 75 mm

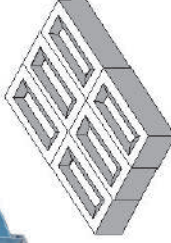
Specifications are Subject to Change for Improvement. Specifications, Weights, Volume are Approximate only

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 Very with Materials.

**MODEL No. NM / 01
SEMI AUTOMATIC VIBRATOR WITH
HIGH PRESSURE MACHINE
FOR MAKING FLY-ASH BRICKS**



Fly-Ash Bricks:
230 x 110 x 80 mm



Uni-stone Pavers:
220 x 110 x 80 mm



SPECIFICATIONS AND FEATURES :-

- **Maximum High Pressure Tonnage** : 45 (415 Volts)
- **Power Required** : 17 H.P.
- **Manufacturing Capacity** : Fly-Ash Bricks : 6 Pcs.
In One Operation
- **Facility** : Materials Manually Single Feeder Facilitates for Production of Fly Ash Bricks : 535 mm x 445 mm x 19 mm : Discharge of Finish Product Through Bearing Conveyor for Faster Production : Pallet Feeder Back Side of Machine
- **Ply-Wood Pallet Size** : 230 x 110 x 80mm 7000Pcs.
- **Discharge of Material** : 190 x 90 x 90mm 7000Pcs.
: 230 x 150 x 80mm 4000Pcs.
- **Pallet Feeder** : 450 mm x 350 mm x 120 mm : 200 Litres : Press Machine : 250cm x 130cm x 198cm
Power Pack : 107cm x 97cm x 52cm
- **Production in Shift of 8 Hours** : Fly-Ash Bricks: 6000 to 7000 Pcs.
- **Concrete Paver Blocks Single Layer** : Uni Stone 220 x 110 x 100mm 7000 Pcs.
- **Production Area** : 450 mm x 350 mm x 120 mm
- **Oil Tank Capacity** : 200 Litres
- **Machine Size** : Press Machine : 250cm x 130cm x 198cm
Power Pack : 107cm x 97cm x 52cm

MODEL No. NM / 014 RUBBER BELT CONVEYOR



To feed the mix from the Pan Mix to The Brick Press

- Capacity : 3 Tons / hour
- Power (Motor)- Bottom End : 1 H.P. 1440 RPM
- Storage : Intermittent Bin
- Flow Regulation : By heavy rollers
- Gear Box : 300 - 30x1 RPM

MODEL No. NM / 05 PAN MIXER

To mix the raw materials



- Capacity : 300 Kg to 550 Kg / Batch
- Power (Motor) : 5 HP to 10 HP
- Manufacturing : Mixing of raw materials of Fly-Ash bricks and second layer of paver blocks
- Material Charge : Manual or Conveyor
- Discharge (Manual) : Bottom Door opening
- Mixing : By heavy rollers and hand faced scrapers



MODEL No. NM / 015 PALLET TRUCK

To Convey the Bricks with Plywood Pallets

- Capacity : 200 to 350 Kg.
- Wheels : 4 Pneumatic
- Size : 153 cm x 92 cm



GENERAL TECHNICAL INFORMATION : MODEL NO. NM 01

- Piston is Hard Chrome
- Wiper on Cylinder Top
- Super Vibration and Pressing Systems for Maximum Compaction and Strength
- Oil Cooling System Facilitate to Cool Down Oil Even Press is Working
- Discharge of Finish Product Through Bearing Conveyor for FASTER Production
- Fly-Ash Bricks, Made will Have Shining Smooth Finish
- Safe Working Condition with Electrical and Mechanical Interlock System
- Six Workers Require for Total Production Process

*Indicative only. Production Depends upon the Labour Efficiency and Mix Quality.

"Higher Tonnages, Brick Size as per Customer Specification. Standard Brick size is 230 x 110 x 80 mm

Specifications are Subject to Change for Improvement. Specifications, Weights, Volume are Approximate only

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**MODEL No. NM / 017
SEMI AUTOMATIC
HIGH PRESSURE MACHINE
FOR MAKING FLY-ASH BRICKS**

Main Features of Fly-Ash Bricks Machine :



SPECIFICATIONS AND FEATURES :-

- **Maximum High Pressure Tonnage** : 45 (415 Volts)
- **Power Required** : 13.5 H.P.
- **Manufacturing Capacity** : Fly Ash Bricks : 2 Pcs. In One Operation
- **Facility** : Materials Manually Single Feeder Facilitates for Production of Fly Ash Bricks
- **Production in Shift of 8 Hours** : Fly-Ash Bricks: 3500 to 4000 Pcs.
: Bricks Size : 230 x 100 x 75mm 4000Pcs.
: 230 x 150 x 75mm 4000Pcs.
- **Oil Tank Capacity** : 200 Litres

GENERAL TECHNICAL INFORMATION :

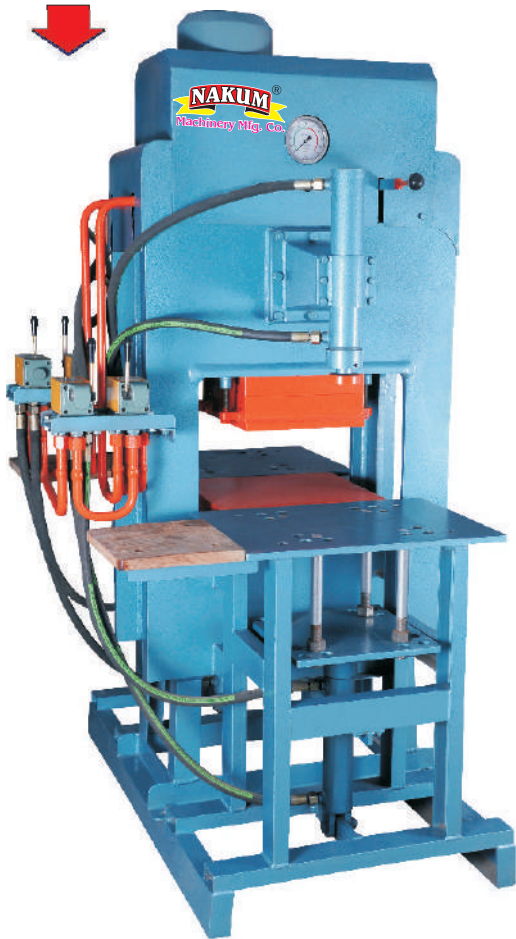
- Piston is Hard Chrome
- Wiper on Cylinder Top
- Super Pressing Systems for Maximum Compaction and Strength
- Oil Cooling System Facilitate to Cool Down Oil Even Press is Working
- Fly-Ash Bricks, Made will Have Shining Smooth Finish
- Safe Working Condition with Electrical and Mechanical Interlock System
- Six Workers Require for Total Production Process

*Indicative only. Production Depends upon the Labour Efficiency and Mix Quality.

"Higher Tonnages, Brick Size as per Customer Specification. Standard Brick size is 230 x 100 x 75 mm
Specifications are Subject to Change for Improvement. Specifications, Weights, Volume are Approximate only
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Customer's Specific Requirements. Machine Capacity Mentioned is only for Guidance. It will Very with Materials.

MODEL No. NM / 02 PAVER BLOCK MACHINE

Main Features of Interlocking Block Machine :



SPECIFICATIONS AND FEATURES :-

- Maximum Pressure Tonnage 50
- Manufacturing Capacity Chequered Tiles upto 300mm x 300mm
- Solid for manufacturing Capacity of Paver 25mm to 80mm
- Production in Shift of 8 Hours : 1400 to 2000 Pcs.
- Power Required : 5 H.P
- Oil Tank Capacity : 50 Liters
- Machine Size : 127 cm x 105 cm x 196 cm

Required Machine Full Set in This Plant

MODEL No. NM / 02 / 04
MODEL No. NM / 05 / 06
MODEL No. NM / 07
MODEL No. NM / 015
Related Moulds

MODEL No. NM / 06 PAN MIXER (HAND FACED SCRAPERS)

To mix the raw materials



- Capacity : 300 Kg to 550 Kg / Batch
- Power (Motor) : 5 HP to 10 HP
- Manufacturing : Mixing of raw materials of Fly-Ash bricks and second layer of paver blocks
- Material Charge : Manual or Conveyor
- Discharge (Manual) : Bottom Door opening
- Mixing : By heavy hand faced scrapers

MODEL No. NM / 04 PAVER BLOCK MACHINE

Main Features of Interlocking Block Machine :



SPECIFICATIONS AND FEATURES :-

- Maximum High Pressure Tonnage 70
- Manufacturing Capacity : 300mm x 300mm MOSAIC TILES
- 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 systems
- The Pressing operation is timer controlled with single switch operation for both pressing and return strokes ensuring uniform pressure on all sides of tiles.
- Solid for manufacturing Capacity of Paver 25mm to 100mm
- **Production in Shift of 8 Hours** : 1400 to 2000 Pcs.
- **Power Required** : 5 H.P
- **Oil Tank Capacity** : 135 Liters



GENERAL TECHNICAL INFORMATION : For Model No. NM 02 / NM 04

- **Piston is Hard Chrome**
- **Wiper on Cylinder Top**
- Super Vibration and Pressing Systems for Maximum Compaction and Strength
- At a Time, **4 Workers can Work.**
- For Removing of Ring, **Facility of Hydraulic Stand** is Available.
- It Can Also Manufacture **CHEQUERED TILES, ELEVATION WALL TILES & FLY-ASH BRICKS**
- Paver Made will Have **Shining Smooth Finish**
- Paver Mfg. from our **PAVER MACHINE** are Fitted in **PETROL (FUEL) PUMP, AIR PORT, RAILWAY PLATFORM SWIMMING POOL, GENERAL PUBLIC PARKING PLACE, GARDEN RESORT, INDUSTRIAL PARKING PLACE, RAILWAY CROSSING AND CONTAINER YARD**
- **PAVER MACHINE** Facilitate Mfg. of Paver Pcs. in two Colours : Bottom Grey Cement Material and top Pcs. (Thickness 10 mm) as Required / Selected by Customer. This Help Cost Efficiency of Paver.

MODEL No. NM / 07 COLOUR MIXER DRUM (DOUBLE CONE TYPE)

● **CONSTRUCTION :**

The Lid Barrel is Made 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

- **Capacity** : 150 Kg. Per Batch
- **Drive** : 2 H.P. 1440 RPM
- **Ideal Speed** : 38 to 42 RPM
- **Machine Size** : 145 cm x 90 cm x 155 cm



MODEL No. NM / 08

CHIP MIXER



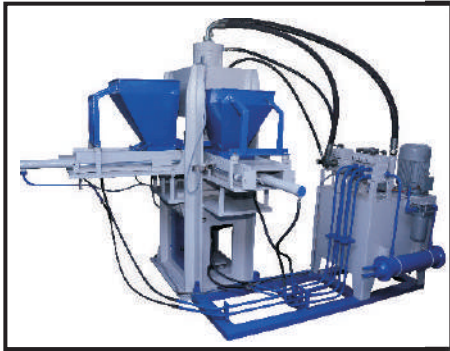
● **CONSTRUCTION :**

In 1/2 Bag Capacity Mixer. The Complete Drum is
Fabricated from M.S. Sheet and Cast iron
M.S. Blades are Provided for uniform mixing.

- **Drum Speed** : 25 to 30 RPM 2 H.P. 1440 RPM
- **Machine Size** : 180 cm x 75 cm 138 cm

MODEL No. NM / 023
FULLY AUTOMATIC SINGLE CAVITY
HYDRAULIC PRESS MACHINE FOR PAVER
BLOCKS AND FLY-ASH BRICKS

Main Features of Paver Blocks & Bricks Machine :



Required Machine
Full Set in This Plant

MODEL No. NM / 023
 MODEL No. NM / 05 / 06
 MODEL No. NM / 014
 MODEL No. NM / 07
 MODEL No. NM / 015
 Related Moulds

SPECIFICATIONS AND FEATURES :-

- **Maximum High Pressure Tonnage** : 80 (415 Volts)
- **Power Required** : 10 H.P.
- **Manufacturing Capacity** : Paver Blocks & Bricks : 1 Pcs. In One Operation
- **Production in Shift of 8 Hours** : Paver Blocks & Bricks : 2800 to 3200 Pcs.
- **Oil Tank Capacity** : 300 Litres

GENERAL TECHNICAL INFORMATION :

- Piston is Hard Chrome
- Wiper on Cylinder Top
- Super Pressing Systems for Maximum Compaction and Strength
- Oil Cooling System Facilitate to Cool Down Oil Even Press is Working
- Fly-Ash Bricks, Made will Have Shining Smooth Finish
- Safe Working Condition with Electrical and Mechanical Interlock System
- Four Workers Require for Total Production Process
- Both Layer Auto Feed.
- Auto Press & Ejection.
- Cycle Time 8 to 9 Seconds.
- Hammering While Pressing.
- Option of Using Single Trolley.
- Holding While Pressing.
- Safety Sensor Guard.

MODEL No. NM / 024
VIBRO WITH HIGH PRESSURE
PAVER BLOCK MAKING MACHINE
WITH CENTER DE-MOULDING SYSTEM
Main Features of Paver Blocks & Bricks Machine :



Required Machine
Full Set in This Plant

MODEL No. NM / 024
MODEL No. NM / 05 / 06
MODEL No. NM / 07
MODEL No. NM / 015
Related Moulds

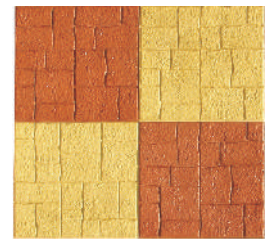
SPECIFICATIONS AND FEATURES :-

- **Maximum High Pressure Tonnage** : 70 (415 Volts)
- **Power Required** : 8.5 H.P.
- **Manufacturing Capacity** : Paver Blocks & Bricks : 1 Pcs. In One Operation
- **Production in Shift of 8 Hours** : Paver Blocks & Bricks : 2500 to 3000 Pcs.
- **Oil Tank Capacity** : 200 Litres

GENERAL TECHNICAL INFORMATION :

- Piston is Hard Chrome
- Wiper on Cylinder Top
- Super Pressing Systems for Maximum Compaction and Strength
- Oil Cooling System Facilitate to Cool Down Oil Even Press is Working
- Fly-Ash Bricks, Made will Have Shining Smooth Finish
- Safe Working Condition with Electrical and Mechanical Interlock System
- Six Workers Require for Total Production Process
- Auto Stop Centre Demoulding System 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 in All Sides of Paver Block.

MODEL No. NM / 012
VIBRO FORMING TABLE



- **Production Capacity** : 1500 to 1800 Sq.Ft. / 8 Hours Shift
- **Power** : 4 H.P. (2 H.P. Motor / Table x 2 Tables)
- **Vibrating Table Size** : 305 cm x 91 cm
- **Vibrating Plate Thickness** : 10 mm
- **Maximum Size of the Tiles** : 600 x 600 x 100 mm

MODEL No. NM / 013
FACE (COLOUR) MIXER



● **CONSTRUCTION :**

The Lid Barrel is Made 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 Rubber Mosaic Tiles
 and Paver Block

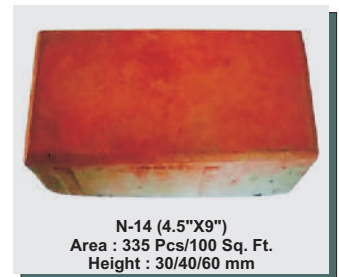
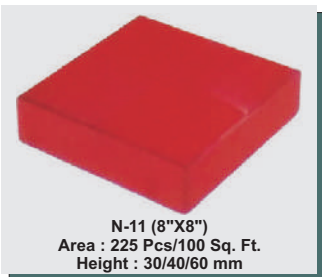
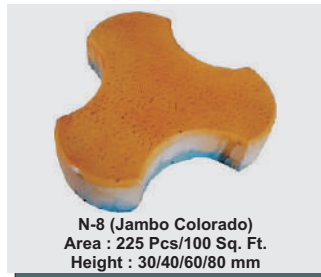
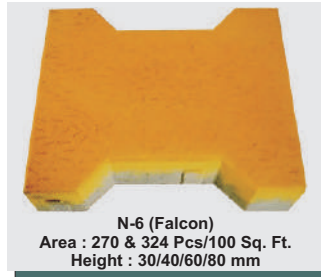
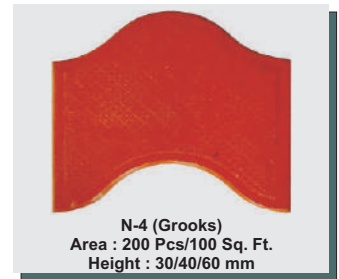
- **Capacity** : 80 Kg.
- **Power** : 2 H.P. 1440 RPM
- **Ideal Speed** : 40 to 45 RPM
- **Machine Size** : 105 cm x 130 cm x 105 cm
- **Drum Size** : 76 cm x 30 cm



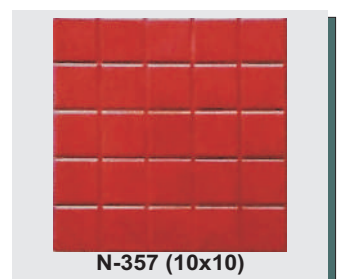
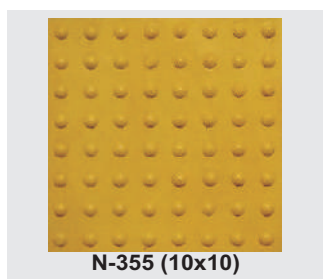
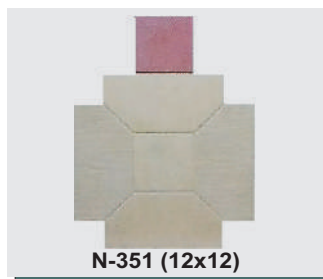
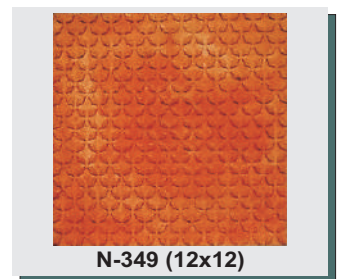
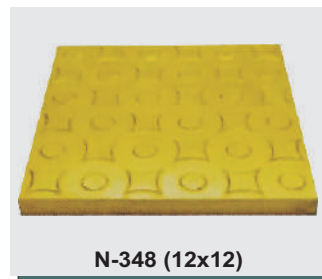
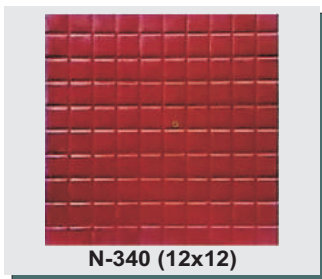
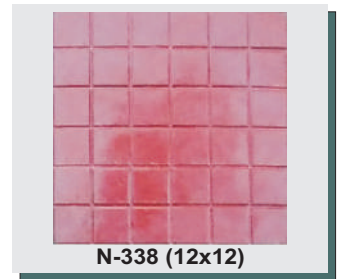
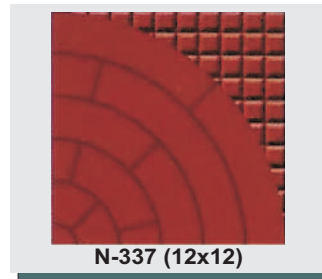
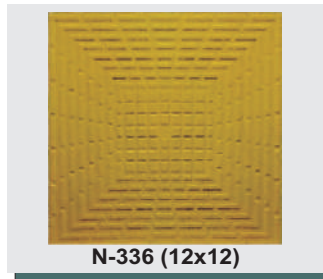
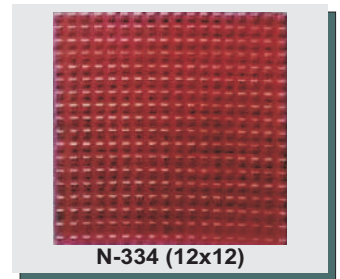
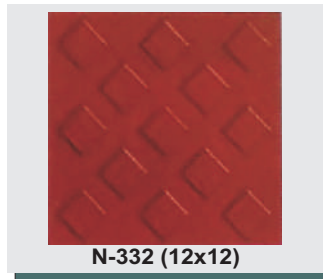
Plant Lay-out



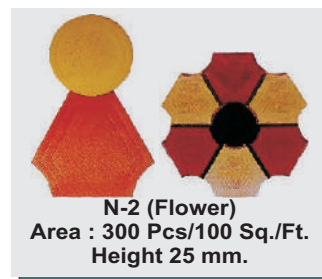
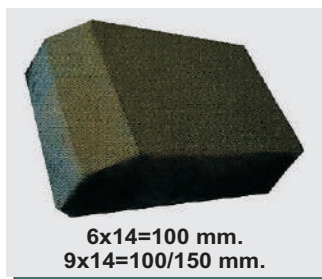
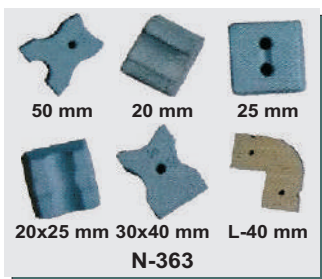
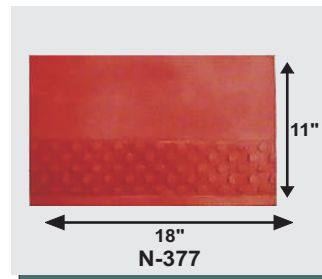
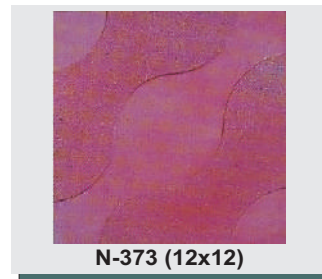
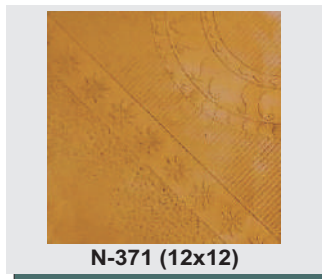
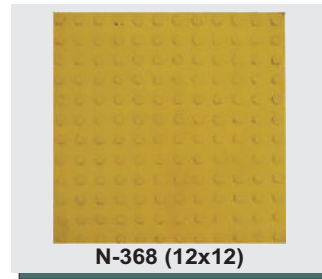
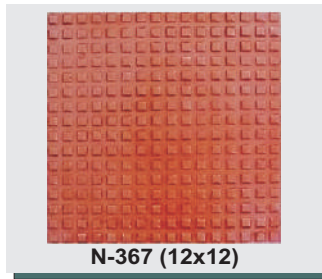
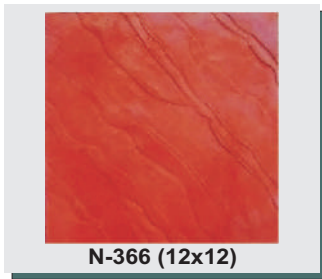
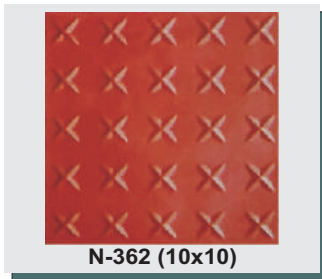
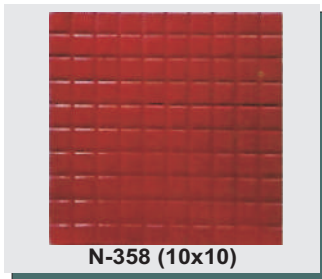
PAVER (INTERLOCKING) MOULDS



CHEQUERED TILES MOULDS



CHEQUERED TILES MOULDS





About Us.....

Established in MORBI (Gujarat), in the year 1995 as **NAKUM MACHINERY MFG. CO.** It means we well-known as "**NAKUM**" brand in the market for the manufacturer of Fly-Ash Bricks Making Machineries, Interlocking Paver Block Making Machineries, Concrete Block Making Machineries, Designer Tiles Making Machineries, Cement (Mosaic) Tiles Making Machineries, Interlocking Bricks Making Machineries, and also various kind of Die Mould like Tiles Mould, Chequered Tiles Mould, Elevation Wall Tiles Mould, Paver (Interlocking) Mould, Brick Mould, Fly-Ash Bricks Mould etc.

NAKUM is the reputed & reliable name in Cement (Blocks) Tiles making machineries. Approximately 3500+ machinery installed in India & Other Country. Our prime aim is easy to use, with low running & maintenance cost, sound working.

NAKUM is not give the machine behalf of your money but it gives you to an assurance of quality, commitment, excellence performance, ethics & trust. **NAKUM** is an unquestionably the superb !.



Panchasar Main Road, Opp. Geeta Oil Mill,
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