



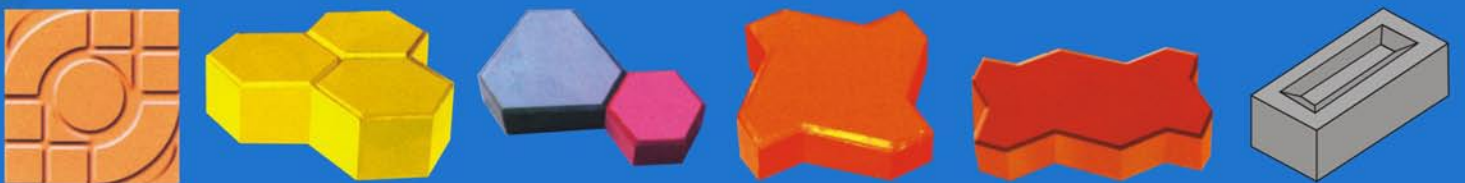
AN ISO 9001:2008 CERTIFIED COMPANY

NAKUM[®]

Engineering Works

Mfg. of :-

**Fly-Ash Bricks, Interlocking Paver Blocks, Designer Tiles, Interlocking Bricks,
Concrete Blocks & Cement Tiles Making Machinery**

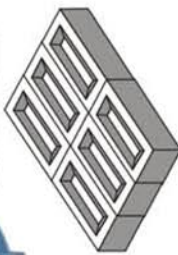


Excellence Through Commitment & Execution

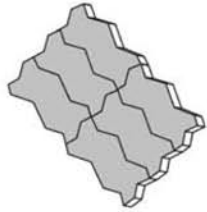
**MODEL No. NEW / 01
SEMI AUTOMATIC VIBRATOR WITH
HIGH PRESSURE MACHINE
FOR MAKING FLY-ASH BRICKS**



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 : 60 (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
- Ply-Wood Pallet Size : 535 mm x 445 mm x 19 mm
- Discharge of Material : Discharge of Finish Product Through Bearing Conveyor for Faster Production
- Pallet Feeder : Pallet Feeder Back Side of Machine

- Production in Shift of 8 Hours : Fly-Ash Bricks: 5000 to 9000 Pcs.
: Bricks Size : 230 x 110 x 80mm 9000Pcs.
: 190 x 90 x 90mm 9000Pcs.
: 230 x 150 x 80mm 6000Pcs
- Concrete Paver Blocks Single Layer : Uni Stone 220 x 110 x 100mm 9000 Pcs.
: 450 mm x 350 mm x 120 mm
: 200 Litres
- Machine Size : Press Machine : 250cm x 130cm x 198cm
Power Pack : 107cm x 97cm x 52cm

MODEL No. NEW / 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. NEW / 05
PAN MIXER

To mix the raw materials



- Capacity : 250 Kg to 450 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. NEW / 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 :

- 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

Manufactures 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. NEW / 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

MODEL No. NEW / 03 PAVER BLOCK MACHINE

Vibrator with High Pressure Paver 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 100mm
- Production in Shift of 8 Hours : 1400 to 2000 Pcs.
- Power Required : 5.75 H.P.
- Oil Tank Capacity : 50 Liters
- Machine Size : 127 cm x 107 cm x 212 cm

MODEL No. NEW / 04 PAVER BLOCK MACHINE

Main Features of Interlocking Block Machine :



SPECIFICATIONS AND FEATURES :-

- Maximum High Pressure Tonnage 70
 - Manufacturing Capacity : 375mm x 375mm 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 1800 Pcs. |
| ● Power Required | : 5 H.P |
| ● Oil Tank Capacity | : 100 Liters |



GENERAL TECHNICAL INFORMATION : For Model No. NEW 02 / NEW 03 / NEW 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. NEW / 05
PAN MIXER (HEAVY ROLLER)

To mix the raw materials



- Capacity : 250 Kg to 450 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. NEW / 06
PAN MIXER (HAND FACED SCRAPERS)

To mix the raw materials



- Capacity : 250 Kg to 450 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. NEW / 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

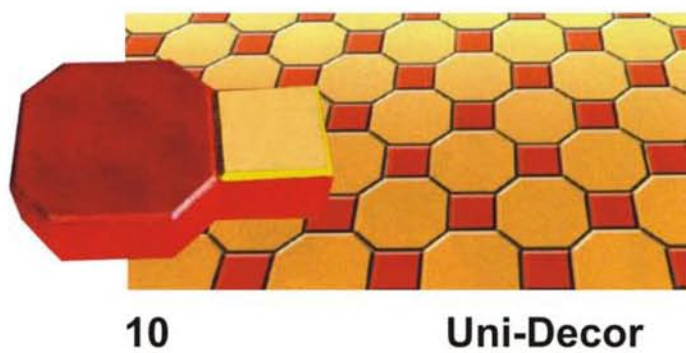
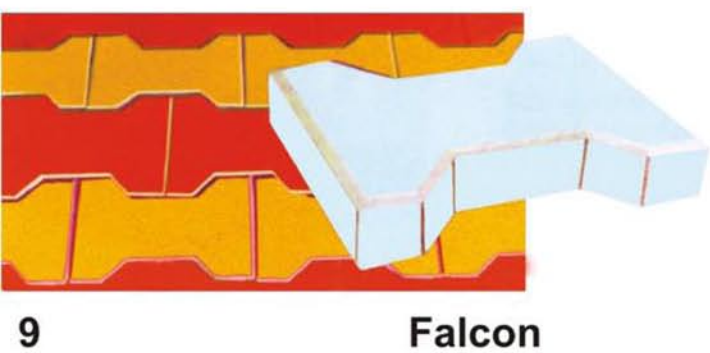
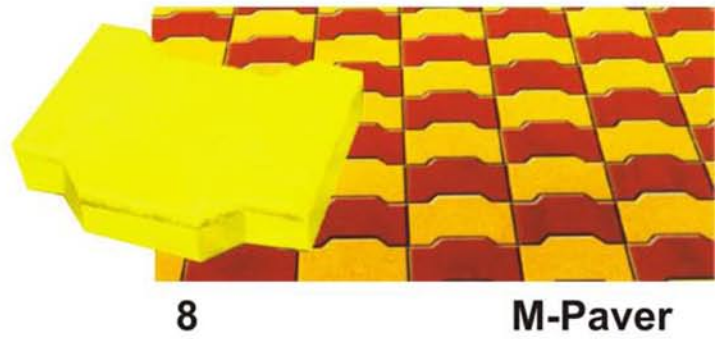
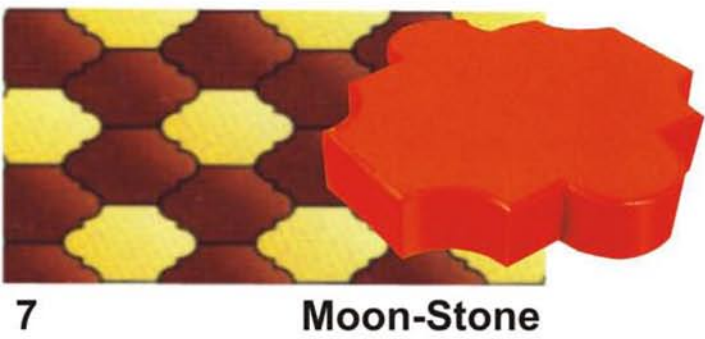
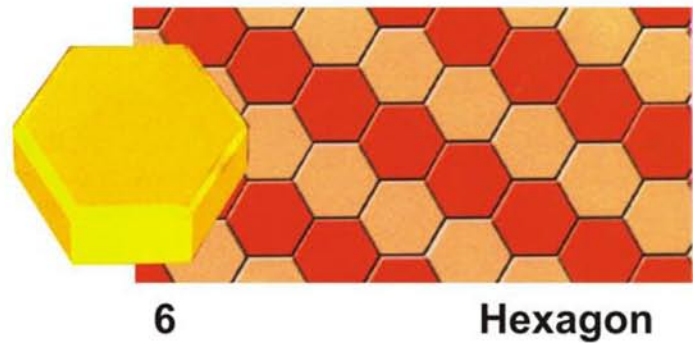
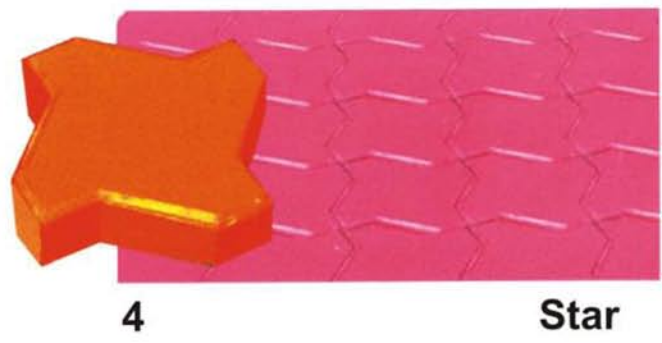
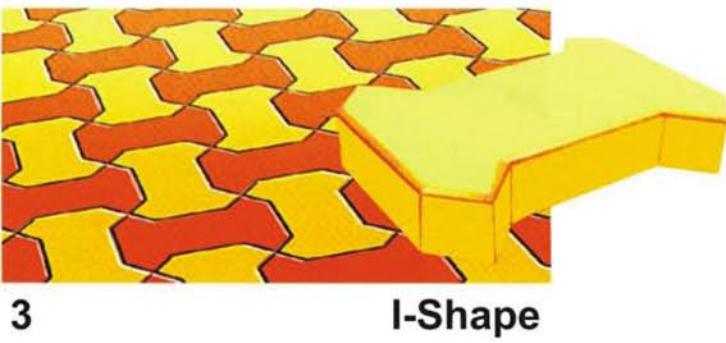
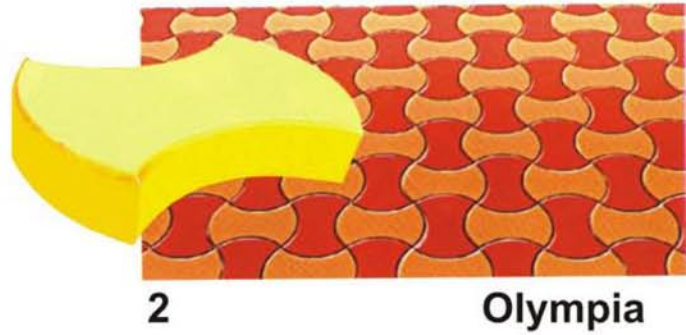
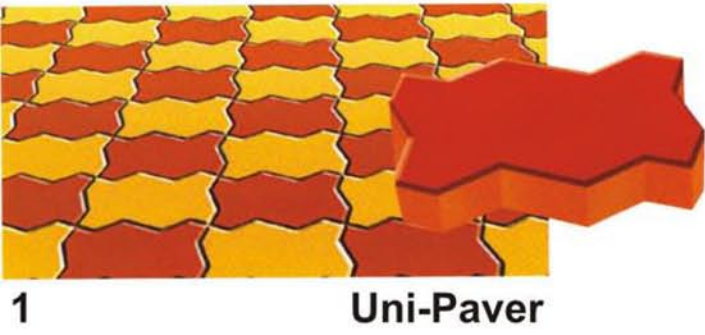


MODEL No. NEW / 08
CHIP MIXER



- **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

PAVER (INTERLOCKING) MOULDS



PAVER (INTERLOCKING) MOULDS



11 **Cosmo**



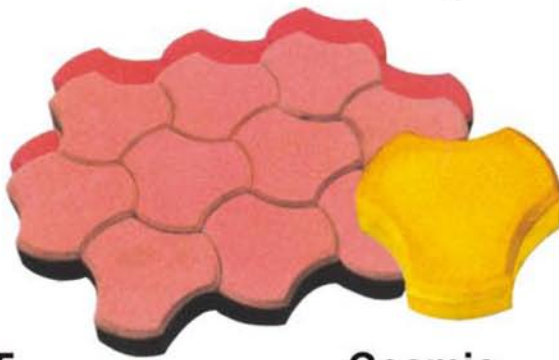
12 **Square-Paver**



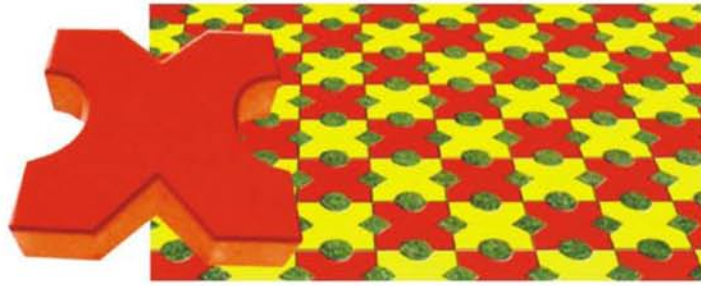
13 **V-Shape**



14 **Brick**



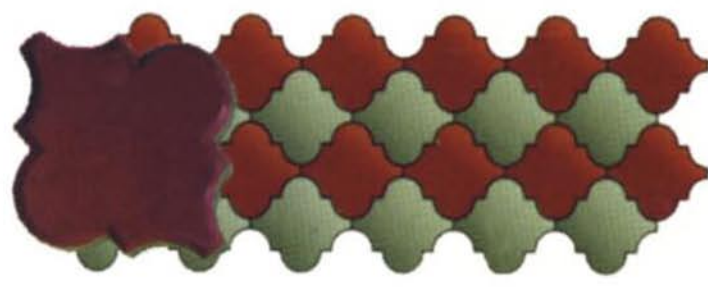
15 **Cosmic**



16 **Grass-Paver**



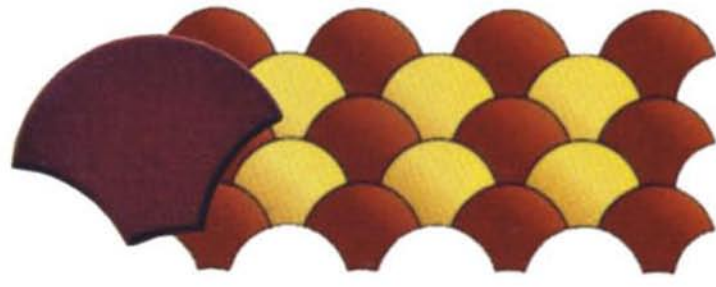
17 **Brooks**



18 **Verona**



19 **Monarch-Pyramid**

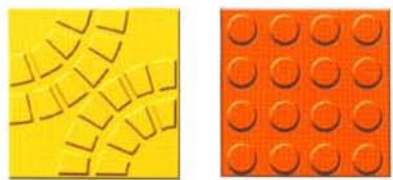


20 **Magnet**

MODEL No. NEW / 09
OIL HYDRAULIC PRESS WITH POWER PACK



- **CONSTRUCTION :**
Fabricated M.S. Plates Steel Body.
Piston is Hard Chrome
Wiper on Cylinder Top
- **PRODUCTION CAPACITY :**
1200 To 1500 Pcs. Per Shift
Mfgs. Cement Tiles, Chequered Tiles, Galicha Tiles,
Elevation Wall Tiles
- **Mfg. Capacity** : Size of Tiles Upto 300mm x 300mm
- **Power Consumption** : 5 H.P
- **Oil Tank Capacity** : 40 Literes



MODEL No. NEW / 010
OIL HYDRAULIC POWER PACK



- **CONSTRUCTION :**
Fabricated M.S. Plates Steel Body.
Fitted with standard Pump & Motor
- **Capacity** : 3 Press
- **Power Consumption** : 5 H.P
- **Oil Tank Capacity** : 100 Literes
- **Pressure Pump Capacity** : Tonnage 40

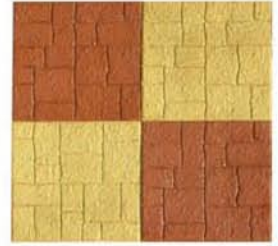
MODEL No. NEW / 011
OIL HYDRAULIC PRESS (ATTACHMENT POWER PACK)



- **CONSTRUCTION :**
Fabricated M.S. Plates Steel Body.
Piston is Hard Chrome
Wiper on Cylinder Top
- **PRODUCTION CAPACITY :**
1200 Pcs. Per Shift
Mfgs. Cement Tiles, Chequered Tiles,
Galicha Tiles, Elevation Wall Tiles
- **Mfg. Capacity** : Size of Tiles Upto 300mm x 300mm



MODEL No. NEW / 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. NEW / 013
FACE (COLOUR) MIXTURE



● **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



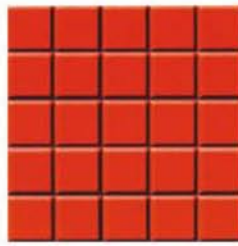
CHEQUERED TILES MOULDS



1



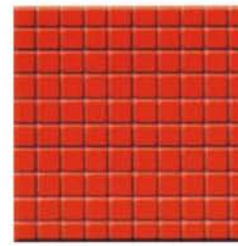
2



3



4



5



6



7



8



9



10



11



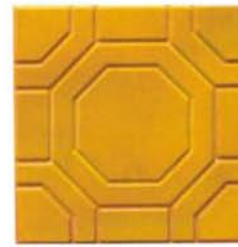
12



13



14



15



16



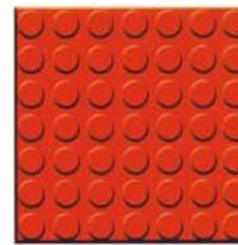
17



18



19



20



21



22



23



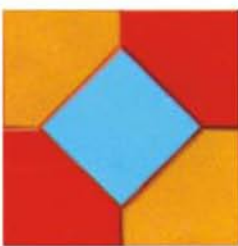
24



25



26



27



28



29



30

CHEQUERED TILES MOULDS



31



32



33



34



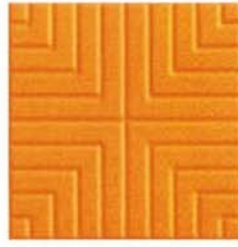
35



36



37



38



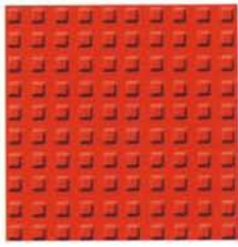
39



40



41



42



43



44



45



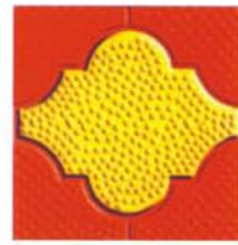
46



47



48



49



50



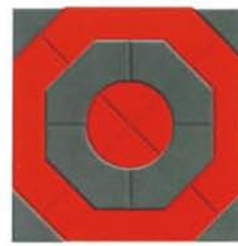
51



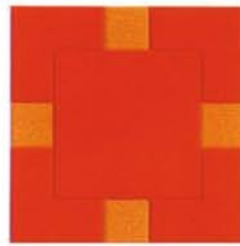
52



53



54



55



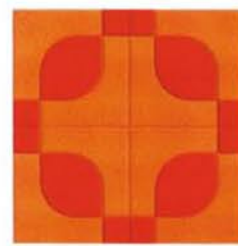
56



57



58



59



60

CHEQUERED TILES MOULDS



61



62



63



64



65



66



67



68



69



70



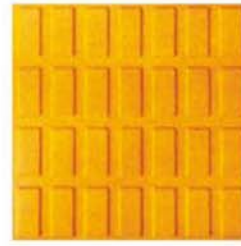
71



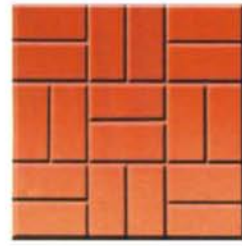
72



73



74



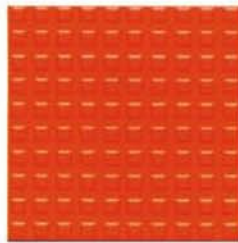
75



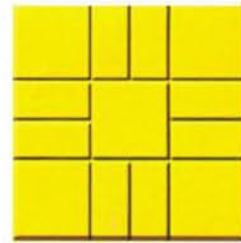
76



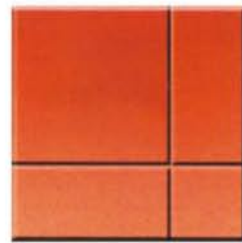
77



78



79



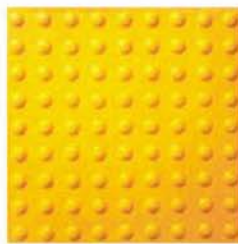
80



81



82



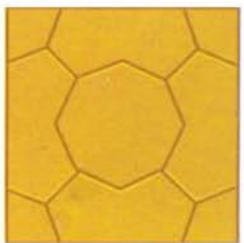
83



84



85



86



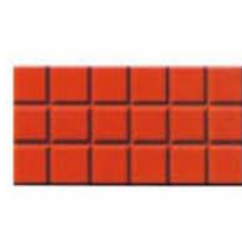
87



88



89



90

ELEVATION WALL TILES MOULDS



1 250 X 125 mm



2 250 X 125 mm



3 250 X 125 mm



4 250 X 125 mm



5 250 X 125 mm



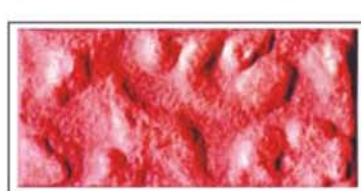
6 250 X 125 mm



7 250 X 125 mm



8 300 X 200 mm



9 250 X 125 mm



10 300 X 150 mm



11 300 X 200 mm



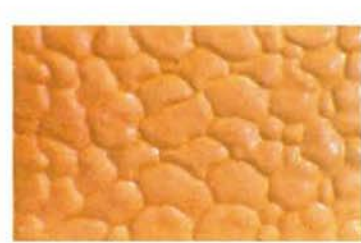
12 300 X 200 mm



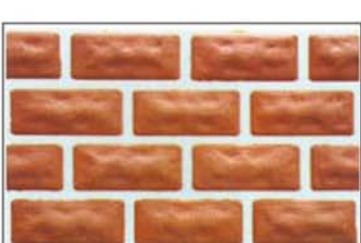
13 300 X 150 mm



14 300 X 200 mm



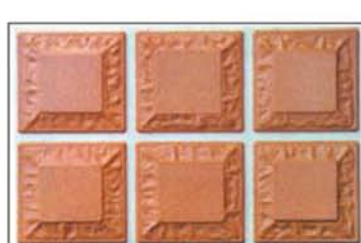
15 300 X 200 mm



16 300 X 200 mm



17 300 X 200 mm



18 300 X 200 mm



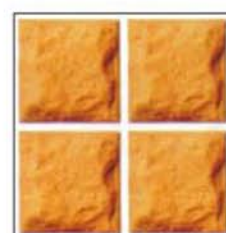
19 300 X 200 mm



20 250 X 250 mm



21 250 X 250 mm



22 250 X 250 mm

MODEL No. NEW / 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** : 75 (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: 4500 to 5000 Pcs.
: Bricks Size : 230 x 100 x 75mm 4500Pcs.
: 230 x 150 x 75mm 4500Pcs.
- **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

Manufactures 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. NEW / 016 HYD. PALLET TRUCK

TO CONVEY THE BRICKS WITH WOODEN PALLETS

SPECIFICATIONS AND FEATURES :-

- **SYSTEM** : HYDRAULIC LIFTING HAND PUMPING MANUAL DRAGGING
- **CAPACITY** : 350 Kgs.
- **WHEELS** : 3 PNEUMATIC





About Us.....

Established in MORBI (Gujarat), in the year 1995 as **NAKUM ENGINEERING WORKS (NEW)** & Also we introduced **NAKUM MECHANICAL WORKS (NMW)** in the year 2007. 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 Tiles making machineries. Approximately 1200 machinery installed in Gujarat & Other states. 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 !.



2, Lati Plot, Street in Riddhi-Shiddhi Pan, Morbi-363641(Guj.) India

Tel : +91-2822-(F) 250227, Fax : +91-2822-250227

Mobile : 098253 12151, 099788 84203

E-mail : nakumengineering@yahoo.in

E-mail : info@nakumeng.com

Web-site : www.nakumeng.com