



AN ISO 9001 : 2015 CERTIFIED COMAPNY

SAMRAT



Paver Block Machine High Pressure 70 Ton

- ◆ Fly ash Bricks Machinery,
- ◆ Hydraulic Machinery,
- ◆ Construction Machinery,
- ◆ Chequered Tiles,
- ◆ Paver tiles **Catalogue...**



Fully Automatic Fly-Ash Bricks Machine (8 Nos.)

SEW-01



Specification & Features...

- ◆ Maximum High Pressure : 120 Ton
- ◆ Total Required of Power : 30 HP
- ◆ Facility : Single Feeder Facility for Production of Fly-Ash Bricks.
- ◆ Accessories : Two Roller Pan Mixer, PLC Control, Conveyer Belt, Power Pack, Fully Sensor Type Machine, Hydraulic Trolley, Tool Box.
- ◆ Electronic Power : 10 HP (Main Press), (2-Pan Mixer), 7.5+7.5=15 HP 2 HP (Conveyer), 2HP (Vibrator)
- ◆ Labor Requirement : 1 Skilled, 7 Un Skilled, Total 8 Persons
- ◆ Approx Production : 8 Bricks in 1 Stocked, Bricks : 225 X 100 X 75 mm, 10,000 Bricks / 8 Hr.
: 2 Block in 1 Stocked, Blocks Size 300 X 200 X 150 mm, 2,500 Bricks / 8 Hr.
- ◆ Oil Tank (Power Pack) : 400 Ltrs. (68 No. Hydraulic Oil)
- ◆ System : PLC for Electro Mechanical, Oil Cooling, Auto Feed, Vibration
- ◆ NOTE : Engineering Drawing for Civil Work and shed for the Machine Installation.



Fully Automatic Fly-Ash Bricks Machine (10 Nos.)

SEW-02



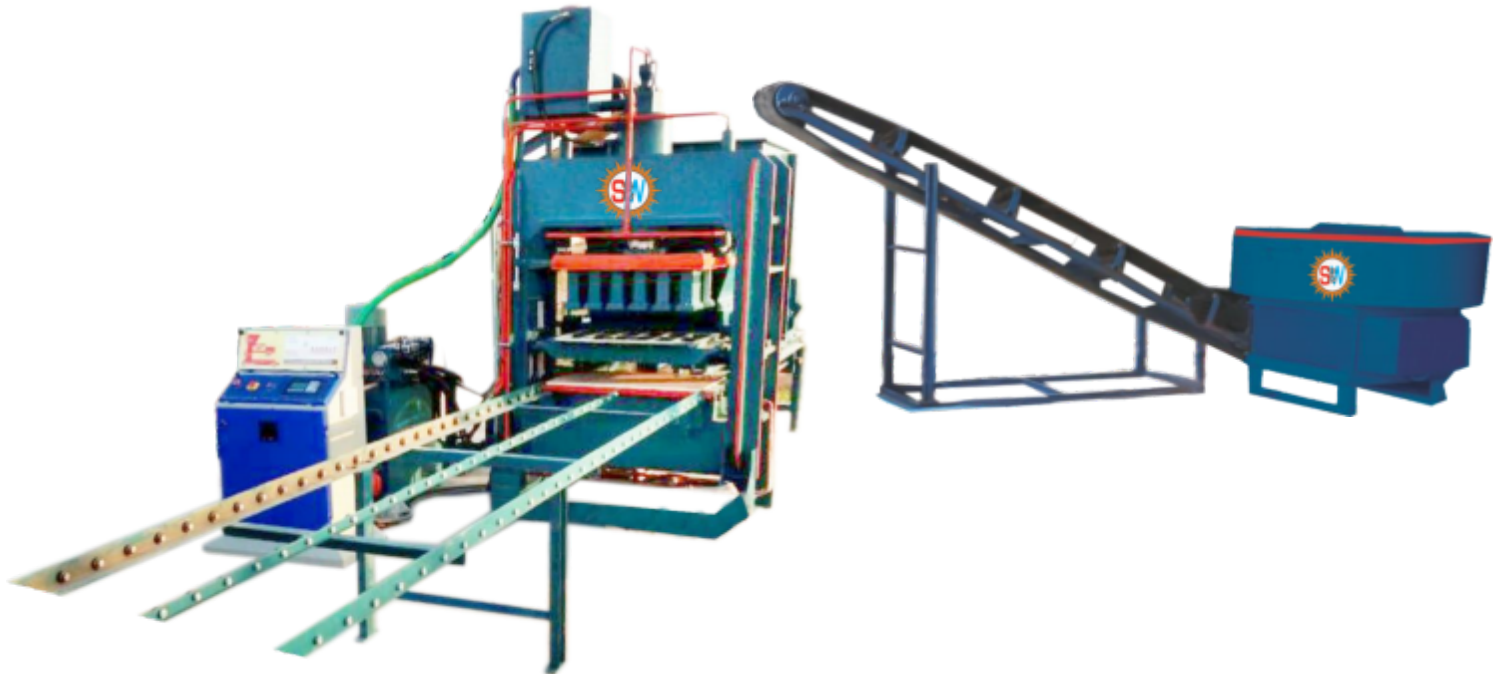
Specification & Features...

- ❖ Maximum High Pressure : 150 Ton
- ❖ Total Required of Power : 30 HP
- ❖ Facility : Single Feeder Facility for Production of Fly-Ash Bricks.
- ❖ Accessories : Two Roller Pan Mixer, PLC Control, Conveyer Belt, Power Pack, Fully Sensor Type Machine, Hydraulic Trolley, Tool Box.
- ❖ Electronic Power : 10 HP (Main Press), (2-Pan Mixer), 7.5+7.5=15 HP 2 HP (Conveyer), 2HP (Vibrator)
- ❖ Labor Requirement : 1 Skilled, 7 Un Skilled, Total 8 Persons
- ❖ Approx Production : 10 Bricks in 1 Stocked, Bricks : 225 X 100 X 75 mm, 13,000 TO 14,000 Bricks / 8 Hr.
: 2 Block in 1 Stocked, Blocks Size 300 X 200 X 150 mm, 2,500 Blocks / 8 Hr.
- ❖ Oil Tank (Power Pack) : 400 Ltrs. (68 No. Hydraulic Oil)
- ❖ System : PLC for Electro Mechanical, Oil Cooling, Auto Feed, Vibration
- ❖ NOTE : Engineering Drawing for Civil Work and shed for the Machine Installation.



Fully Automatic Fly-Ash Bricks Machine (12Nos.)

SEW-03



Specification & Features...

- ◆ Maximum High Pressure : 150 Ton
- ◆ Total Required of Power : 30.5 HP
- ◆ Facility : Single Feeder Facility for Production of Fly-Ash Bricks.
- ◆ Accessories : Two Roller Pan Mixer, PLC Control, Conveyer Belt, Power Pack, Fully Sensor Type Machine, Hydraulic Trolley, Tool Box.
- ◆ Electronic Power : 10 HP (Main Press), (2-Pan Mixer) 7.5 + 7.5 =15 HP 2 HP (Conveyer), 2HP (Vibrator)
- ◆ Labor Requirement : 1 Skilled, 7 Un Skilled, Total 8 Persons
- ◆ Approx Production : 12 Bricks in 1 Stocked, Bricks : 230 X 110 X 75 mm, 15,000 TO 16,000 Bricks / 8 Hr.
- ◆ Oil Tank (Power Pack) : 400 Ltrs. (68 No. Hydraulic Oil)
- ◆ System : PLC for Electro Mechanical, Oil Cooling, Auto Feed, Vibration
- ◆ NOTE : Engineering Drawing for Civil Work and shed for the Machine Installation.



Semi Automatic Bricks Machine (6Nos.)

SEW-04



Specification & Features...

- ❖ Maximum High Pressure : 70 TO 100 Ton
- ❖ Total Required of Power : 21.5 HP
- ❖ Facility : Single Feeder Facility for Production of Fly-Ash Bricks.
- ❖ Accessories : 1 Roller Pan Mixer, Conveyer Belt, Power Pack, Hydraulic Trolley, Tool Box.
- ❖ Electronic Power : 10 HP (Main Press), (1-Pan Mixer) 7.5=17.5 HP 2 HP (Conveyer), 2HP (Vibrator)
- ❖ Labor Requirement : 1 Skilled, 6 Un Skilled, Total 7 Persons
- ❖ Approx Production : 6 Bricks in 1 Stocked, Bricks : 230 X 110 X 75 mm, 5,000 TO 6,000 Bricks / 8 Hr.
- ❖ Oil Tank (Power Pack) : 210 Ltrs. (68 No. Hydraulic Oil)
- ❖ System : Electro Mechanical & Hand Operated System, Oil Cooling,
- ❖ NOTE : Engineering Drawing for Civil Work and shed for the Machine Installation.



Fully Automatic Fly-Ash Bricks Machine (6 Nos.)

SEW-05



Specification & Features...

- ◆ Maximum High Pressure : 70 to 100 Ton
- ◆ Total Required of Power : 18 HP
- ◆ Facility : Single Feeder Facility for Production of Fly-Ash Bricks.
- ◆ Accessories : Two Roller Pan Mixer, PLC Control, Conveyor Belt, Power Pack, Fully Sensor Type Machine, Hydraulic Trolley, Tool Box.
- ◆ Electronic Power : 7.5 HP (Main Press), (1-Pan Mixer) 7.5 =15 HP 2 HP (Conveyer), 1HP (Vibrator)
- ◆ Labor Requirement : 1 Skilled, 7 Un Skilled, Total 8 Persons
- ◆ Approx Production : 6 Bricks in 1 Stocked, Bricks : 225 X 100 X 75 mm, 7,000 TO 8,000 Bricks / 8 Hr.
: 2 Block in 1 Stocked, Blocks Size 300 X 200 X150 mm, 2,500 Bricks / 8 Hr.
- ◆ Oil Tank (Power Pack) : 210 Ltrs. (68 No. Hydraulic Oil)
- ◆ System : PLC for Electro Mechanical, Oil Cooling, Auto Feed, Vibration
- ◆ NOTE : Engineering Drawing for Civil Work and shed for the Machine Installation.



Paver Block Machine High Pressure 70 Ton

SEW-06

Specification & Features...

- ◆ Maximum High Pressure : 70 Ton
- ◆ Oil Cooling System Facilitate To Cool Down Oil Even Press Is Working.
- ◆ the pressing operation is timer controlled with single switch Operation for both pressing and return strokes ensuring Uniform pressure on all sides of tiles.
- ◆ auto stop.
- ◆ safe working conditions with electrical and Mechanical interlock systems.
- ◆ Power required : 5 HP
- ◆ Each Paver Machine Can Give Production Of 1800 To 2000 Nos. Paver In 1 Shift
- ◆ Oil Tank capacity : 110 Liters



Paver Block Machine High Pressure 40 Ton

SEW-07



Specification & Features...

- ◆ Maximum High Pressure : 40 Ton
- ◆ Each Paver Machine Can Give Production Of 1800 To 2000 Nos. Paver In 1 Shift
- ◆ Manufacturing Capacity : Chequered Tiles Upto 300mm X 300 Mm
- ◆ Power Required : 5 Hp
- ◆ Oil Tank Capacity : 50



Vibrator Machine

SEW-08



Specification & Features...

- ◆ Automatic Vibrator Rubber Mould Moving And Vibrating.
- ◆ Production Capacity : 2500 To 3000 Pcs.
- ◆ Machine Size : 9' Ft. X 2.5' & 10' Ft. X 3' Ft.
- ◆ Motor Capacity : 1.5 TO 2 Hp

Pan mixture (Blade Type)

SEW-09



Specification & Features...

- ◆ Capacity : 300 To 500 Kg / Batch
- ◆ Power (Motor) : 5 Hp
- ◆ Manufacturing : Mixing of Rao Materials of fly-ash Laywe
- ◆ (Top Layer) Of Rubber Mould Paver Bloks
- ◆ Mixing : By Heavy Faced Scrapers

Colour Mixture Machine (Rabadi)

SEW-10



Specification & Features...

- ◆ Capacity : 70 To 80 Kg / Batch
- ◆ Power : 2 Hp 960 RPM
- ◆ (Motor) : 36 to 40 RPM



Specification & Features...

- ◆ Capacity : 300 To 500 Kg / Batch
- ◆ Power (Motor) : 5 Hp to 7.5 Hp
- ◆ Manufacturing : Mixing of Rao Materials of fly-ash Bricks and Second Layer of Paver Blocks.
- ◆ Discharge (Manual) : Bottom Door Opening
- ◆ Mixing : By Heavy Roller & Blades

Specification & Features...

- ◆ Construction : The Lid Barrel Is Mode 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 Mosaic Tiles And Paver Block.
- ◆ Capacity : 150 kg. / batch
- ◆ Electric Power : 2 Hp, 1440 Rpm
- ◆ Ideal Speed : 38 To 40 Rpm
- ◆

Chip Mixer

SEW-13



Pan Mixer (Heavy Roller Type)

SEW-11



Colour Mixer Machine

SEW-12



Specification & Features...

- ◆ in 1/2 bag capacity mixer
- ◆ The Complete Drum Is Fabricated From M.S.
- ◆ Sheet A Set Of Thick M.S. Mixing Blades Are Provided For Uniform Mixing.
- ◆ Drum Speed : 25 To 30 Rpm,
- ◆ Power Required : 2 Hp
- ◆



Vibro Machine

SEW-14

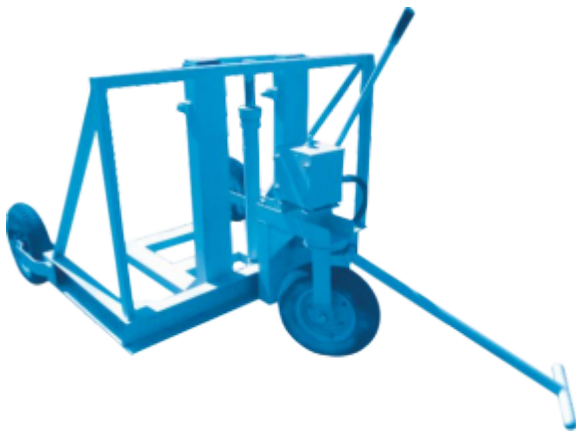


Specification & Features...

- ◆ Maximum High : 70 to 90 Ton
- ◆ Pressure Total Required : 8.5 HP
- ◆ of Power : 2,500 To 3,000 Pcs.
- ◆ Approx Production : 200 Ltrs. (68 No. Hydraulic Oil)
- ◆ Oil Tank (Power Pack) : Oil Cooling System Facility To Cool Down Oil Even Press Is Working.
- ◆ : Safe Working Conditions Electronic And Mechanical.

Hydraulic Pallet Trolley

SEW-15



MS Fabricated Trolley

SEW-16



Specification & Features...

- ◆ To Conveyor The bricks With Plywood Pallets
- ◆ Capacity : 500 Kgs.
- ◆ Wheel : 3 Pneumatic
- ◆ System : Hydraulic Lifting And Pumping Manual Dragging

Specification & Features...

- ◆ To Conveyor The bricks With Plywood Pallets
- ◆ Capacity : 300 Kgs.
- ◆ Wheel : 4 Pneumatic
- ◆ Size : 3 X 5 Feet



1

Uni-Paver



2

Olympia



3

I-Shape



4

Star



5

Tri-Hex



6

Hexagon



7

Moon-Stone



8

M-Paver



9

Falcon



10

Uni-Decor



Manual High Pressure With Fly Ash Bricks Machine

SEW-17

Specification & Features...

- ◆ Maximum High Pressure : 70 TO 90 Ton
- ◆ Power Required : 7.5 Hp
- ◆ Manufacturing capacity : fly - ash bricks 2 pcs. (in one operation)
- ◆ Labour : 4 Unskilled - 1 Skilled
- ◆ Tank Capacity : 200 Litrs.
- ◆ Bricks Size : 9" X 4" X 3", - 3500 Pcs. (one Shift)
- ◆ Bricks Size : 9" X 6" X 3", - 3500 Pcs. (one Shift)
- ◆ Raw Material : Fly-ash, Lime Sludge, Gypsum, Aggregate Powder, Cement, Sand Etc.



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SAMRAT
Engineering Works

Mfrs. : Fly ash bricks Machinery, Interlocking Paver Block Machinery,
Mosaic Tiles Machinery, Interlocking Paver Mould & Job Works.

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Web : www.Samratengineeringworks.net
www.Samratengineeringworks.in
www.Fullyautomaticflyashbricksmachine.com



BRANCH -1 : 5/6 LATI PLOT NEAR SAHEB MARKETING, MORBI - 363641 (GUJ.)

BRANCH -2 : OPP UMA HALL STREET, NEAR HARI OM POWDER COATING,
PANCHASAR ROAD, MORBI.