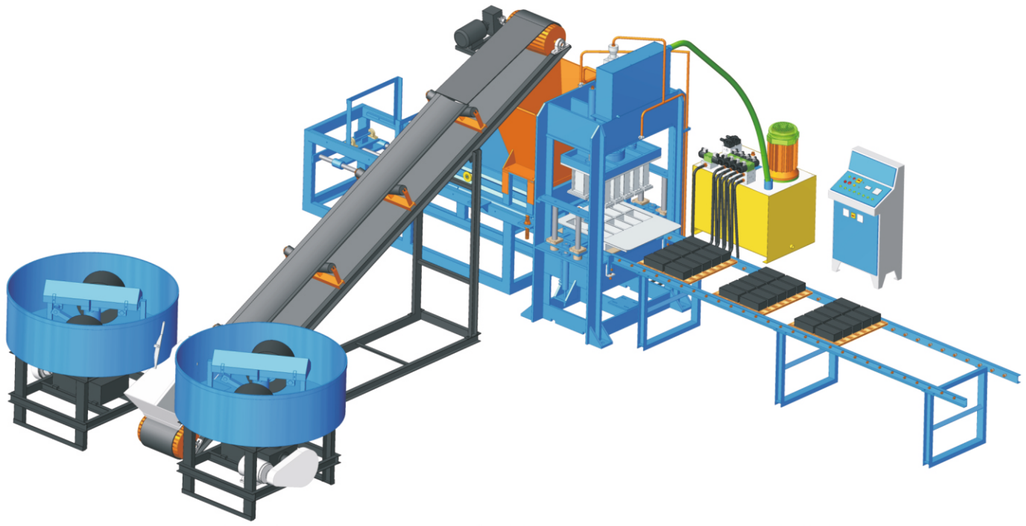
SWILCO
MACHINE

Mfgs.All Types of Construction Machineries & Equipments.

Swilco Machine, c/o Rasna Mosaic Tiles, Plot No. 11,
Shivam Hall Street, Panchasar Road, Morbi-363 641.+91 95377 68008
Email : swilcomachine@gmail.com

SWILCO
MACHINE

SM 1501 A 5 in 1-Fully Automatic High Pressure Flyash Bricks/ Blocks/Hollow Bricks/Kerbstone Paver Blocks Making Machine.



TECHNICAL DATA :

- Bricks Per Stroke : 10 Bricks
- Maximum Pressure Capacity : 100 - 150 Ton.
- Production Capacity : 10,000 - 12,000/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 4 Stroke/minum
- Oil Tank Capacity : 350 Litres.
- Pallet Size : 26 x 24 Inches (660 x 610mm.)
- Bricks Size : (9 x 4 x 3 inch)10 Pcs/Mould.
  (10 x 5 x 3 inch) 08 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 02 Pcs/Mould.
  (16 x 8 x 8 inch) 02 Pcs/Mould.
- Power Consumption : 21.5 HP
- Labour Requirement : 8
- Minimum Land Size : 30 x 30 Ft.





OUR HELPING HANDS

ESSAR | TATA | ABB | Schneider Electric

DUNLOP | Rexroth Bosch Group | Crompton Greaves EVERYDAY SOLUTIONS | DELTA

DOWTY | ELECON GEARING THE FUTURE | SKF | Unbrako THE WORLD LEADER

Parker | YUKEN | OMRON | polyhydron

Chequered Tiles



1601 1602 1603 1604 1605

1606 1607 1608 1609 1610

1611 1612 1613 1614 1615

Paver Blocks



Cosmic (Rough Texture)
Thikness: 30, 60, 80mm
Area: 100 sq. ft. = 198pcs

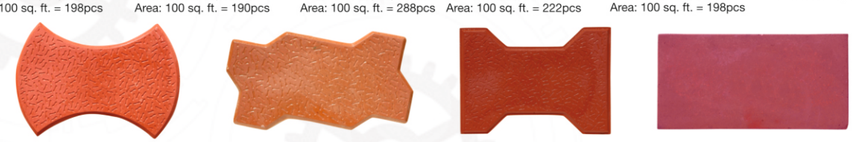
Brooks (Loose Lines)
Thikness: 60, 80mm
Area: 100 sq. ft. = 190pcs

Chakra
Thikness: 30, 60, 80mm
Area: 100 sq. ft. = 288pcs

Colorado (Plain Design)
Thikness: 60mm
Area: 100 sq. ft. = 222pcs

Cosmic (Multi Design)
Thikness: 30, 60, 80mm
Area: 100 sq. ft. = 198pcs

Wall Tile (Octagon)
Thikness: 10, 15 mm



Euphorite (Dumroo)
Thikness: 30, 60mm
Area: 100 sq. ft. = 256pcs

Unipaver (Zig Zag)
Thikness: 40, 60, 80, 100mm
Area: 100 sq. ft. = 298pcs

I - Shape (Big)
Thikness: 40, 60, 80mm
Area: 100 sq. ft. = 215pcs

Wall Tile (Rectangle - Plain)
Thikness: 10, 15mm



Brick Tile
Thikness: 25mm
Area: 100 sq. ft. = 100pcs

Cross Tile
Thikness: 25mm
Area: 100 sq. ft. = 100pcs

Sand Texture
Thikness: 30, 60mm
Area: 100 sq. ft. = 225pcs

Smooth Finish
Thikness: 30, 60mm
Area: 100 sq. ft. = 176pcs

Combination Tile
Thikness: 10, 25mm
Area: 100 sq. ft. = 100pcs





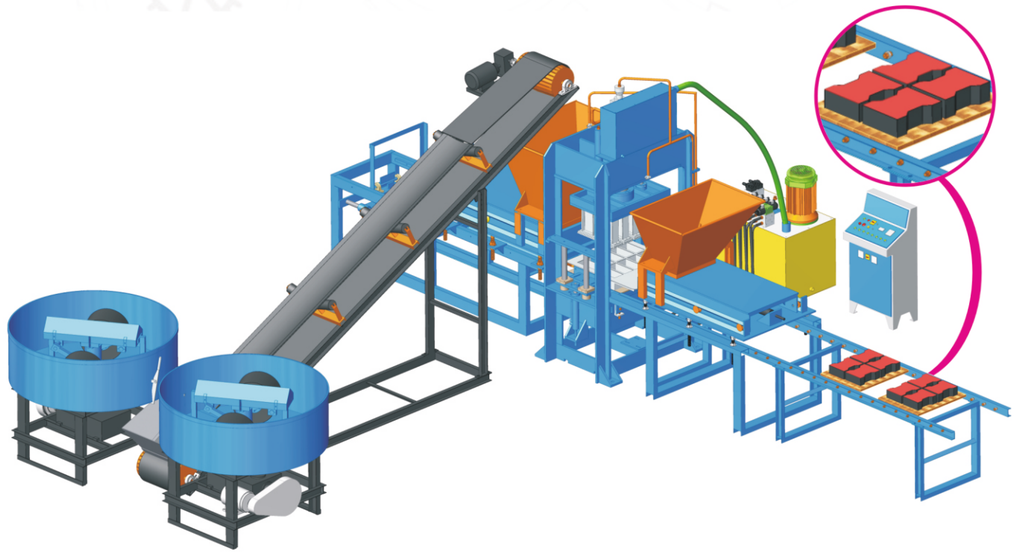








SM 1501 A1 5 in 1- Fully Automatic Flyash Bricks/Blocks/Hollow Blocks/Kerbstone/Interlocking Colored Paver Blocks Making Machine.



TECHNICAL DATA :

- Bricks Per Stroke : 10 Bricks
- Paver Block Per Stroke : 04 Blocks.
- Maximum Pressure Capacity : 150 - 200 Ton.
- Automatic Colour Feeding System : Hydraulic
- Production Capacity : 10,000 - 12,000 Bricks/Shift.
  4,000 - 4,500 Paver Block/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 3 Stroke/min.
- Oil Tank Capacity : 400 Litres.
- Pallet Size : 26 x 24 Inches (660 x 610 mm.)
- Bricks Size : (9 x 4 x 3 inch) 10 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 02 Pcs/Mould.
- Paver Blocks : Size: 60/80 mm
  I-Shape /Zig Zag = 04 Pcs/Mould.
- Power Consumption : 24.0 HP
- Labour Requirement : 8 Labour
- Minimum Land Size : 30 x 30 Ft.





SM 1528 Jumbo Gear Box for Pan Mixer



TECHNICAL DATA

- Size (L x W) : 28 x 19 Inches
- Ratio : 25:1
- Gear Material : En-9, En-24
- Main Gear Teeth : 45 Teeth
- Ideal Gear Teeth : 12 Teeth
- Crown Gear : 36 Teeth
- Pinion Gear : 06 Teeth
- Bearing Set : 566/63 (Nos - 2 Pcs.)
- Bearing Set : 32212 (Nos - 4 Pcs.)
- Shaft Size : Out Put Shaft 68mm key 16 mm
  In Put Shaft 50mm key 12 mm
- Oil Seal : 68 x 80 x 10 (Nos - 1 Pcs.)
  55 x 100 x 10 (Nos - 2 Pcs.)
- Capacity : 1500/- Kg. Per Batch
  Motor 12 HP Three Phase
- Use : Pan Mixture, Heavy Mixture, Castable Material Etc.

SM 1527 Manual Hydraulic Press Operated Waste Plastic Bottle Bunch Making Machine.



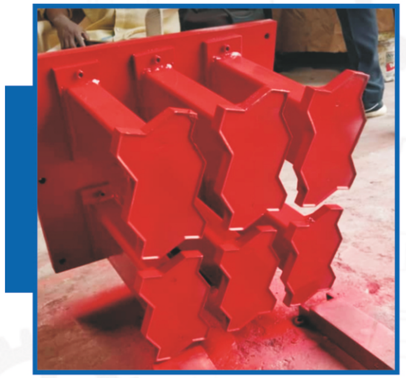
TECHNICAL DATA :

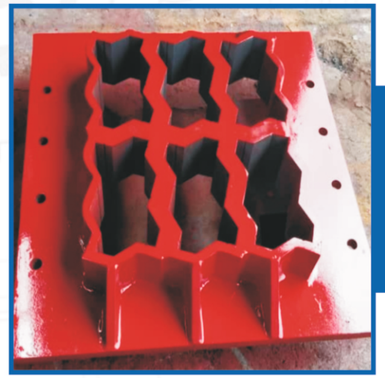
- Maximum Pressure Capacity : 100 - ton.
- Power Required : 5.0 Hp - 3 Phase.
- Labour Required : 3 Labour.
- Minimum Bunch Size : 3 X 3 Feet.
- (Depending Upon The Material.)





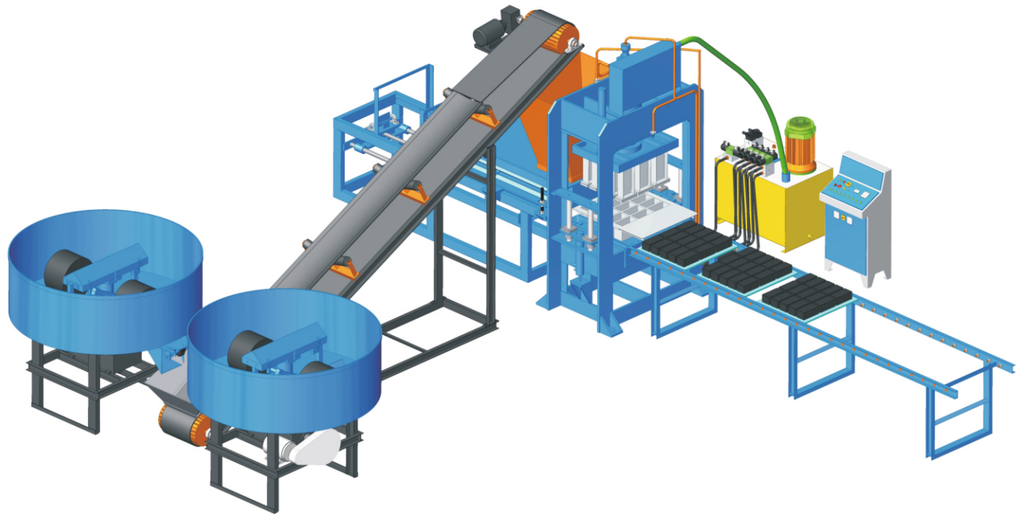








SM 1501 B 4 in 1- Fully Automatic High Pressure Fly ash Bricks/ Blocks/Hollow Blocks/Interlocking Paver Blocks Making Machine.



TECHNICAL DATA :

- Bricks Per Stroke : 15 Bricks
- Bricks Per Stroke : 4 Blocks
- Maximum Pressure Capacity : 150 -200 Ton.
- Production Capacity Of Bricks : 15,000 - 18,000/shift.
- Production Capacity of Blocks : 15,000 - 18,000/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 3 Stroke/min.
- Oil Tank Capacity : 400 Litres.
- Pallet Size : 33 x 33 Inches (840 x 840 mm.)
- Bricks Size : (9 x 4 x 3 inch) 15 Pcs/Mould.
  (8 x 4 x 4 inch) 12 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 04 Pcs/Mould.
  (16 x 8 x 8 inch) 03 Pcs/Mould.
- Power Consumption : 30.0 HP
- Labour Requirement : 8 Labour
- Minimum Land Size : 35 x 35 Ft.











SM 1526 2 in 1 Semi Automatic with High Pressure Flyash Bricks & Solid Blocks Making Machine.



TECHNICAL DATA :

- Maximum Pressure Capacity : 100- 150 Ton.
- Bricks Per Stroke : 04-06 Bricks. 01 Solid Block
- Production Capacity of Bricks : 11,000 Bricks/Shift.
- Production Capacity of Blocks : 1,400 Blocks/Shift.
- Type Of Control : Plc Control.
- Oil Tank Capacity : 350 Litres.
- Total Power Consumption : 18.0 H.p
- Labour required : 5 labours.
- Minimum Land Size Required : 30 x 30 Feet





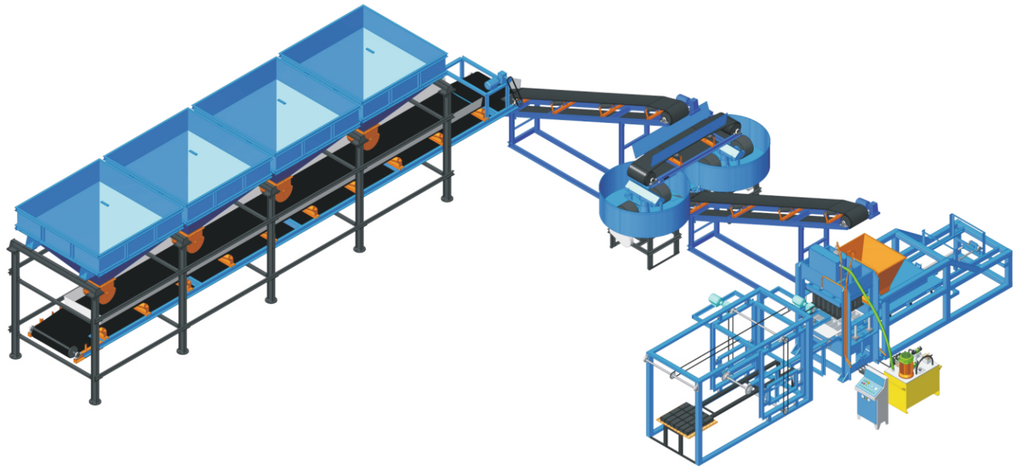








SM 1501 C 3 in 1- Fully Automatic High Pressure Flyash Bricks/Blocks/Interlocking Paver Blocks Making Machine Integrated Batching Plant System With Stacker Lifting.







TECHNICAL DATA :

- Bricks Per Stroke : 18 Bricks
- Maximum Pressure Capacity : 200 - 250 Ton.
- Production Capacity : 21,000 - 22,000/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 3 Stroke/min.
- Oil Tank Capacity : 400 Litres.
- Pallet Size : 36 x 36 Inches (660 x 610 mm.)
- Bricks Size : (9 x 4 x 3 inch) 18 Pcs/Mould.
  (8 x 4 x 4 inch) 18 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 06 Pcs/Mould.
  (16 x 8 x 8 inch) 04 Pcs/Mould.
- Power Consumption : 35.0 HP
- Labour Requirement : 6 Labour
- Minimum Land Size : 60 x 60 Ft.

SM 1524 Cycle Trolleys







TECHNICAL DATA :

- Load Carrying Capacity : 300 Kgs
- Type Of Control : Manual Dragging.
- Wheels : 2
- Use : For Carrying Raw Materials and Bricks Pallets.

SM-1525 Wheel Barrow (Dumping Trolleys)



TECHNICAL DATA :

- Load Carrying Capacity : 100 Kgs
- Type Of Control : Manual Dragging.
- Wheels : 1
- Use : For Carrying Raw Materials

SM 1522 Lifter Cycle Trolleys



TECHNICAL DATA :

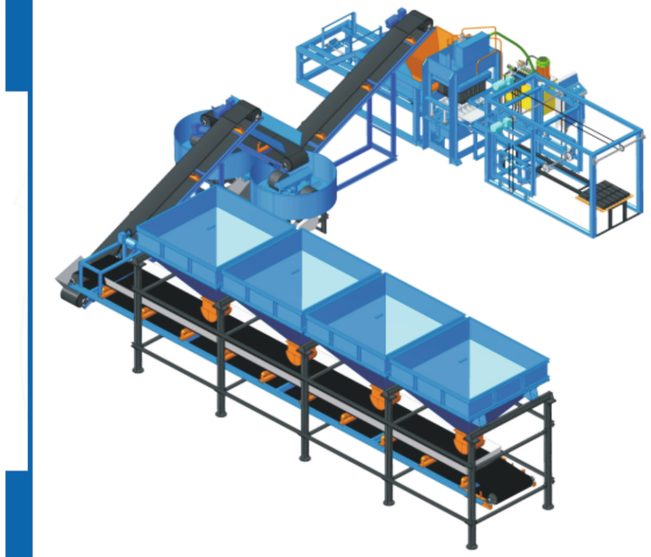
- Load Carrying Capacity : 300 Kgs
- Type Of Control : Manual Dragging.
- Wheels : 2
- Use : For Carrying Raw Materials and Bricks Pallets.

SM-1523 Platform Trolley



TECHNICAL DATA :

- Load Carrying Capacity : 400 Kgs
- Type Of Control : Manual Dragging.
- Wheels : 4
- Use : For Carrying Raw Materials and Bricks Pallets.



BATCHING SYSTEM:

- Size Of Hopper (L x b x h) : 40 x 10 x 9 feet.
- Volume Of Weighing Hopper : 2,400 Liters.
- Height Of Loading Material : 3,900 mm.
- Volume OF Material Storage : 3 x 12 m2
- Max. Weighing Capacity Of Hopper Conveyor : 2 tons.
- Batching Precesion : ± 2%
- Number Of Batching Aggrigates : 4
- Speed Of Belt Conveyor : 1.3 m/Sec
- Weight Of Whole Batching System : 5.3 Tons.
- System : 1 Pallet/Cycle.
- Capacity : 500 kg
- Height Of Stacker : 8 Ft x 8 Ft









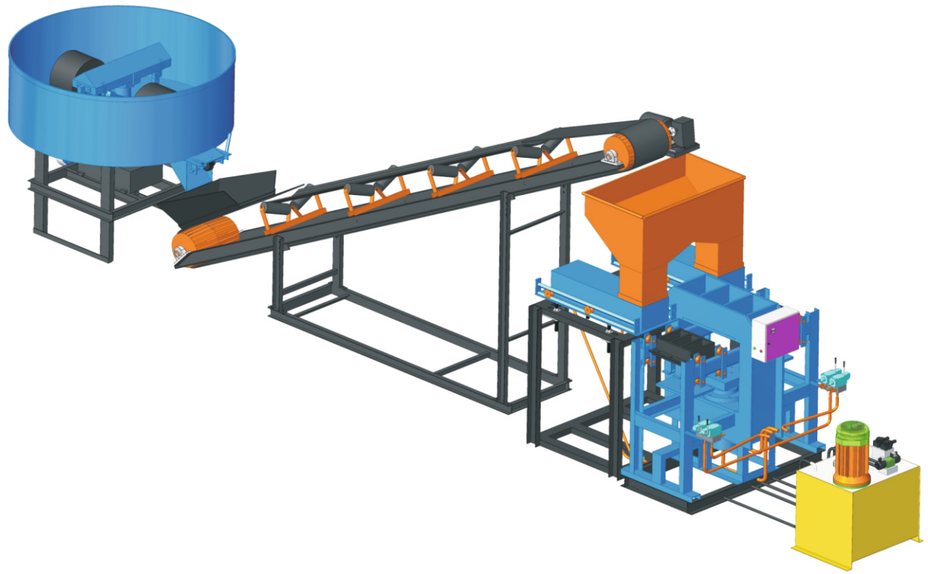








SM 1521 A Hydraulic Lever Operated Pressure Compacting Flyash Bricks & Coloured Paver Blocks Making Machine.



TECHNICAL DATA :

- Bricks Per Stroke : 03 Pcs - Both Sides
- Maximum Pressure Capacity : 70 Ton.
- Production Capacity : 5,500 - 6,000 Bricks/Shift.
- Type Of Control : Manual Lever Operated With Electric Panel Controller.
- Cycle Time (s) : 2 To 2.5 Stroke/min.
- Oil Tank Capacity : 250 Litres.
- Bricks Size : (9 x 4 x 3 inch) 03 Pcs/Mould.
  (8 x 4 x 4 inch) 03 Pcs/Mould.
- Paver Blocks : Size: 60/80 mm I-Shape 02 Pcs/Mould.
- Power Consumption : 17.0 HP
- Labour Requirement : 7 Labour
- Minimum Land Size : 30 x 30 Ft.

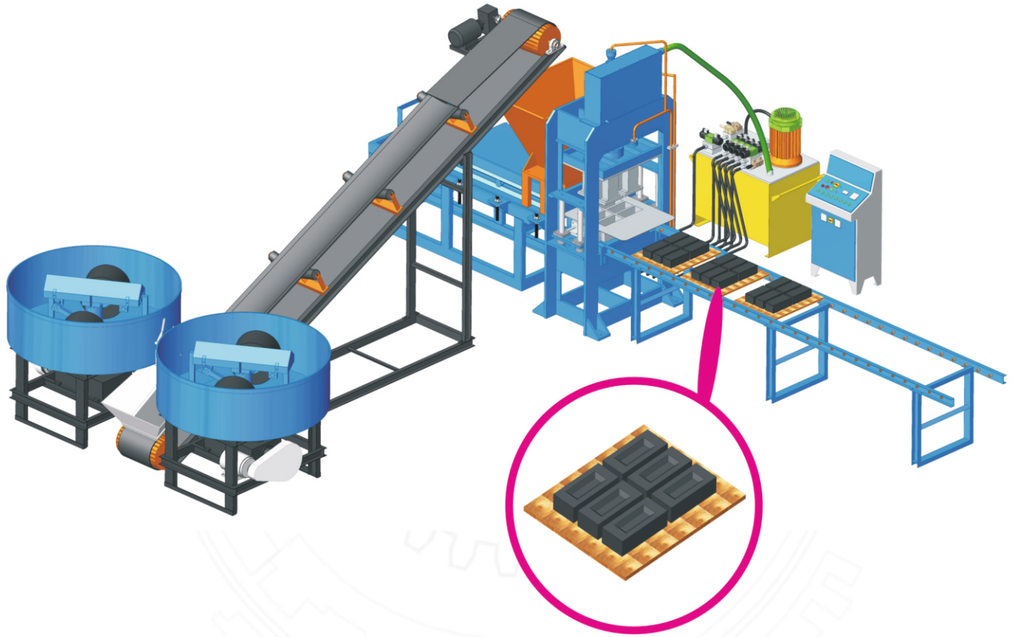


CEMENT CILO



Use:- For Storage Of Loose And Bulk Cement			
Storage Capacity	40 MT	60 MT	100 MT
Height	7.5 Meters	10.5 Meters	14.8 Meters
Discharge Flange Height	2 Meters	2 Meters	2 Meters
Material	M.S.Steel	M.S.Steel	M.S.Steel
Shell Plate	5 mm	5 mm	5 mm
Diameter Of Silo	3.0 Meter Approx	3.4 Meter Approx	3.6 Meter Approx
Leg Pipe Diameter	8 In ERW	8 In ERW	8 In ERW
Bunker Unloading System	50 Hp Cement Pump	50 Hp Cement Pump	50 Hp Cement Pump
Screw Conveyor	218 Dia x 9 Meter(L) 10.0 Hp Gear motor	218 Dia x 9 Meter(L) 10.0 Hp Gear motor	218 Dia x 9 Meter(L) 10.0 Hp Gear motor

SM 1501 D 4 in 1- Fully Automatic High Pressure Flyash Bricks/ Blocks/Hollow Blocks/Interlocking Paver Blocks Making Machine.



TECHNICAL DATA :

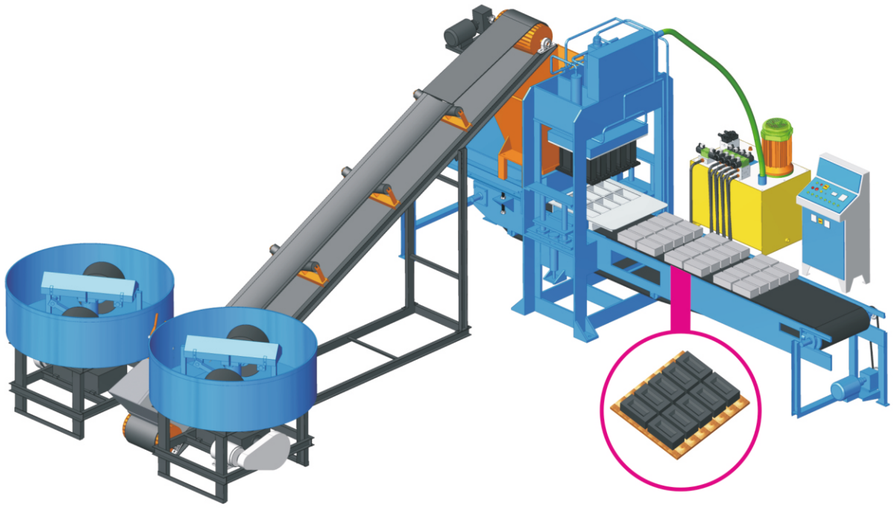
- Bricks Per Stroke : 06 Bricks
- Maximum Pressure Capacity : 100 - 150 Ton.
- Production Capacity : 7,000 - 8,500/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 3 Stroke/min.
- Oil Tank Capacity : 350 Litres.
- Pallet Size : 26 x 24 Inches (660 x 610 mm.)
- Bricks Size : (9 x 4 x 3 inch) 06 Pcs/Mould.
  (8 x 4 x 4 inch) 06 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 01 Pcs/Mould.
  (16 x 8 x 8 inch) 01 Pcs/Mould.
- Power Consumption : 21.5 HP
- Labour Requirement : 8 Labour
- Land Req. : 30 x 30 Ft.

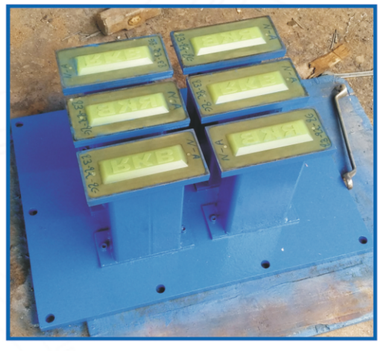






SM 1519 A Fully Automatic High Pressure Belt System For Flyash Bricks Making Machine.



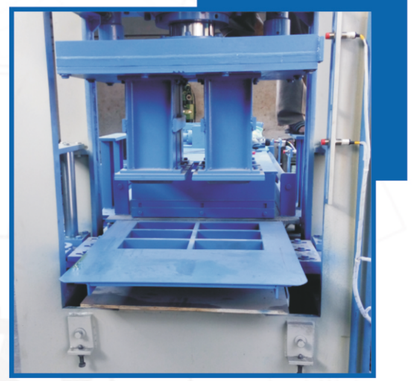




TECHNICAL DATA :

- Bricks Per Stroke : 10 Bricks
- Maximum Pressure Capacity : 100 - 150 Ton.
- Transmission Type : Conveyor Rubber Belt.
- Production Capacity : 10,000 - 12,000/Shift.
- Type Of Control : Plc Control.(Bricks Shifting Manual)
- Cycle time (s) : To 3 Stroke/min.
- Oil Tank Capacity : 350 Litres.
- Rubber Belt : 6 Ply Layered Belt -(1 Year Warranty).
- Bricks Size : (9 x 4 x 3 inch) 10 Pcs/Mould.
  (8 x 4 x 4 inch) 08 Pcs/Mould.
- Power Consumption : 26.0 HP
- Labour Requirement : 9 Labour
- Minimum Land Size : 30 x 30 Ft.



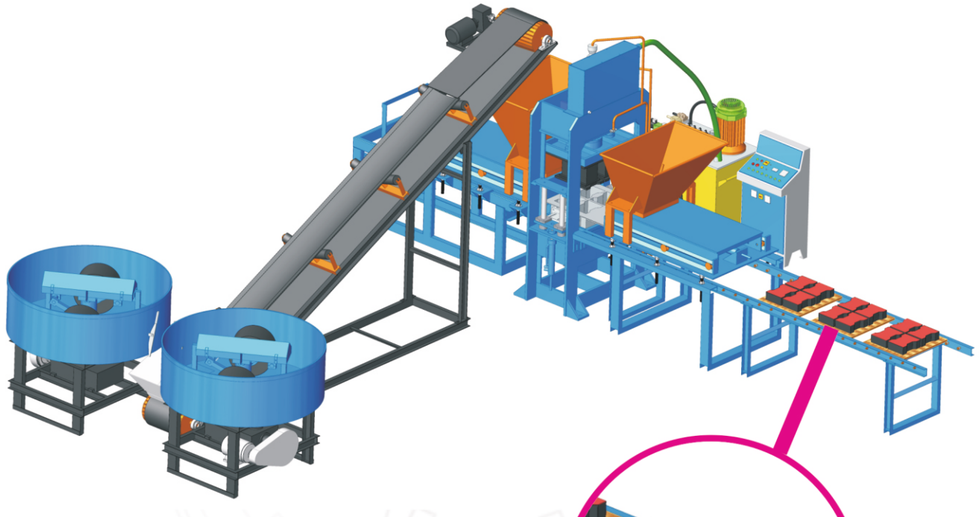


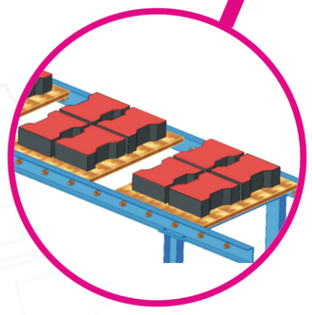






SM 1501 D1 5 in 1- Fully Automatic Flyash Bricks/ Blocks/Hollow Blocks/Kerbstone/Interlocking Coloured Paver Blocks Making Machine.





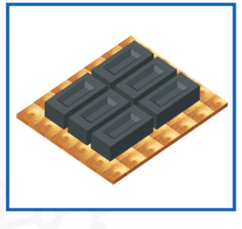
TECHNICAL DATA :

- Bricks Per Stroke : 06 Bricks
- Paver Block Per Stroke : 04 Blocks.
- Maximum Pressure Capacity : 7 - 8000 Ton.
- Automatic Colour Feeding System : Hydraulic
- Production Capacity : 6,000 - 6,500 Bricks/Shift.
  4,000 - 4,500 Paver Block/Shift.
- Type Of Control : Plc Control.
- Cycle time (s) : 3 Stroke/min.
- Oil Tank Capacity : 350 Litres.
- Pallet Size : 26 x 24 Inches (660 x 610 mm.)
- Bricks Size : (9 x 4 x 3 inch) 06 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 02 Pcs/Mould.
- Paver Blocks : Size: 60/80 mm I-Shape 04 Pcs/Mould.
- Power Consumption : 24.0 HP
- Labour Requirement : 9 Labour
- Land Size : 30 x 30 Ft.









SM 1518 A Manual Operated Precast Red Clay Bricks Making Machine





TECHNICAL DATA :

- Production Capacity : 1500 Pcs /Hour.
- Operation Type : Single Side
- Body Vessel : 5mm.
- Rotor With Shift : 63 mm Diameter
- For Mould Transportation : Chain Conveyor
- For Frame Size : 5 Ft x 2.5 Ft.
- Mould : Stainless Steel With Aluminium Frog.
- Labour : Unskilled - 8 Persons
- Bricks Per Mould : 2 Pcs /Mould.
- Bricks Size : 230 x 100 x 75 (9 x 4 x 3 Inches)
- Bricks Size : 200 x 95 x 100
- Diesel Engine : 6.5 HP





SM 1517 Fully Automatic High Pressure With Vibro Press for Bricks and Blocks

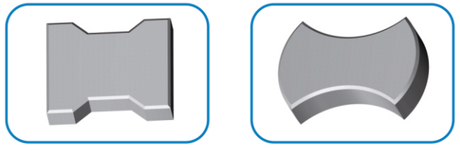


TECHNICAL DATA :

- Maximum High Pressure Tonage : 100-150
- Power Required : 17 H.P.
- For Gradetation : M-20 to M-50 Gradient Materials
- Manufacturing Capacity : 06 - 12 Pcs./Stoke
- Vibrations : 3000hz Amplitude Adjustable
- Productions in Shift of 8 Hours : Bricks 6,000 to 12,00 Pcs
- Bricks Size 230 x 110 x 75 mm
- Block Size 400 x 200 x 200 mm
- Oil Tank Capacity : 450 Litets
- Type Of Control : Fully Auto PLC Based Control
- Used at : Bridges, Container Yards, Petrol Pumps Etc.

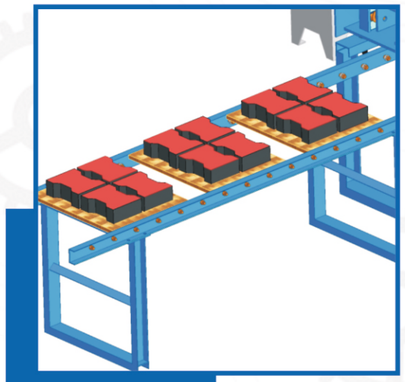


Segmental Block



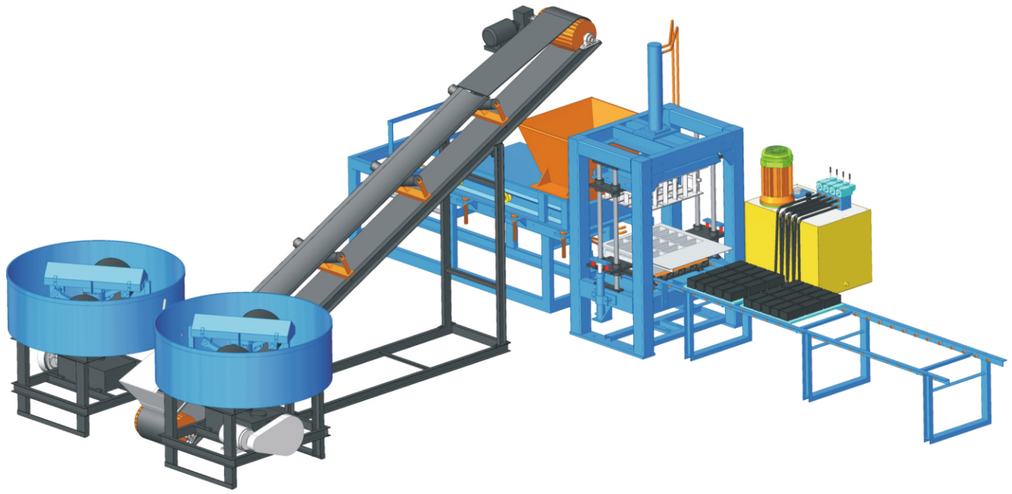
Paver Block





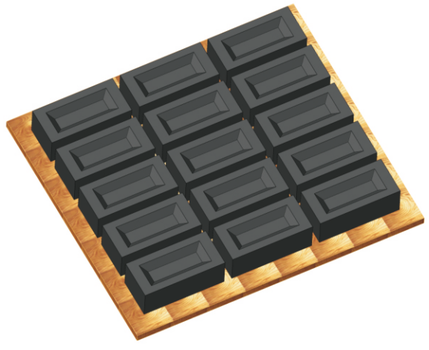


SM 1502 A Hydraulic Lever Operated Vibration With Pressure Compacting Flyash Bricks & Blocks Making Machine.

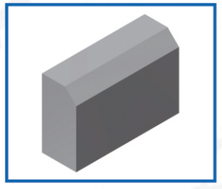


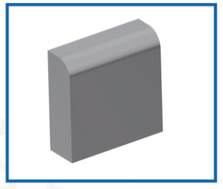
TECHNICAL DATA :

- Bricks Per Stroke : 12-15 Bricks
- Maximum Pressure Capacity : 30 Ton.
- Production Capacity : 15,000 - 17,500/Shift.
- Type Of Control : Manual Hydraulic Lever Operated
- Cycle Time (s) : To 3 Stroke/min.
- Oil Tank Capacity : 300 Litres.
- Pallet Size : 33 x 33 Inches (660 x 610 mm.)
- Bricks Size : (9 x 4 x 3 inch) 15 Pcs/Mould.
  (8 x 4 x 4 inch) 15 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 02 Pcs/Mould.
- Power Consumption : 22.5 HP
- Labour Requirement : 8 Labour
- Land Size : 30 x 30 Ft.



Kerbstone





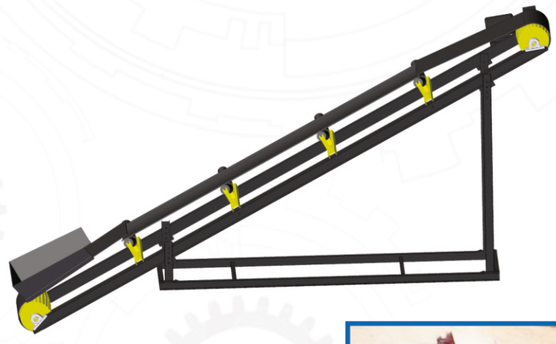
SM 1515 Hydraulic Lifting Trolley for Shifting Bricks Pallet



TECHNICAL DATA :

- Capacity : 500 Kgs
- Wheels : 3 (MRF/black Tiger)
- Transmission : Manual Dragging
- Pump : Oil Based Hand Lever Pumping System
- Cylinder Size : 50 mm x 36 mm

SM 1516 Convert Belt Feeding System



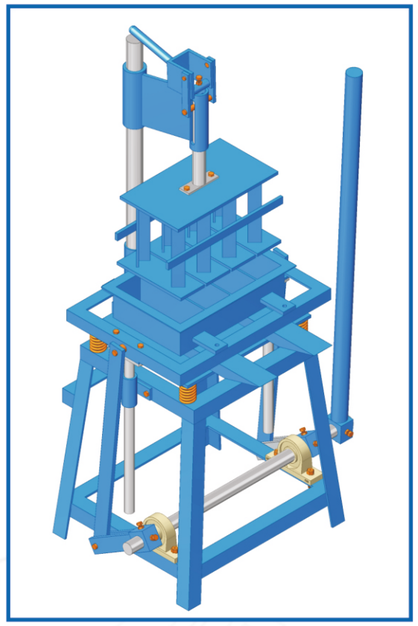
TECHNICAL DATA :

- Capacity : 3.5 tons/hour
- Power(Motos) : 2.0 H.P./3.0 HP
- Storage : Intermittent Bin
- Flow Regulation : By heavy Rollers
- Use : To Feed The Concrete Mixture from pan mixture to the press machine
- Gear : Speed Reduction



SM 1514 Manual Movable Concrete Block Making Machine







TECHNICAL DATA :

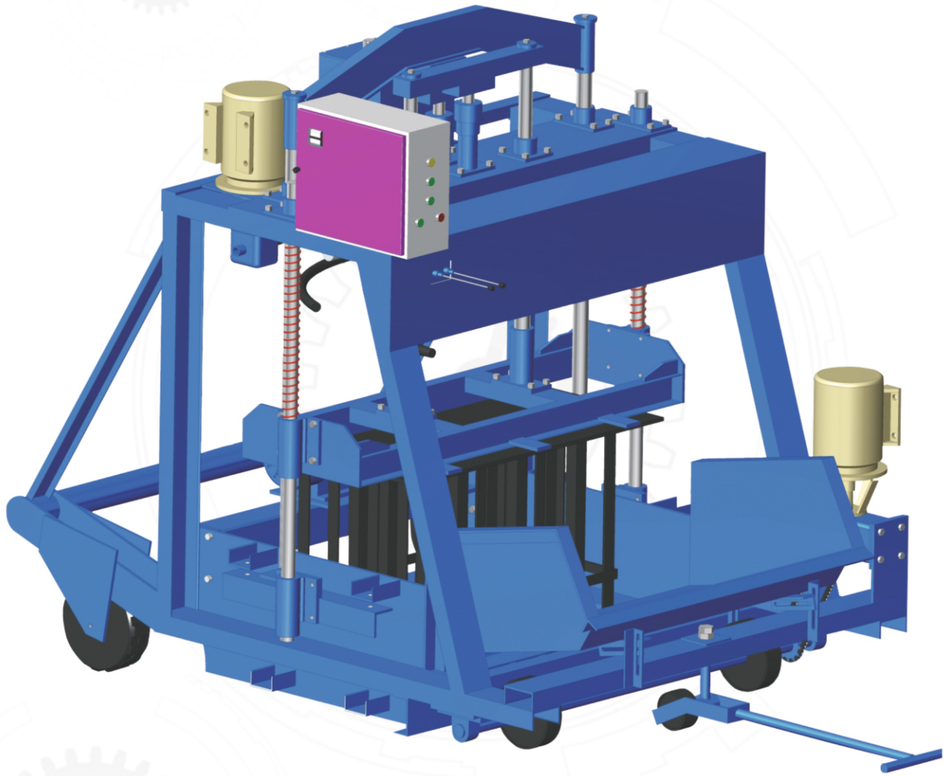
Total Power Required : 1.0 H.P.
Producation in shift of 8 Hours : Bricks :4000 pcs/Shift
Block 1000 pcs/Shift
Vibration : Required
Type of Control : manual







SM 1503 Egg Laying Type Machine With High Vibration and Pressure For Bricks & Blocks



TECHNICAL DATA :

- Maximum High Pressure Tonage : 30
- Total Power Required : 06 H.P.
- Manufacturing Capacity : 14 pcs/Stroke - 4 pcs Stroke
- Production in Shift of Hours : 6000hz Amplitude Adj.
- Platform : Required (Pallet Lifting not Reuuired)
- Vibrations : Required (Pallet Lifting not Reuuired)
- Oil Tank Capacity : 20 Litres.
- Type of Control : Manual



SM 1513 Hydraulic Semi AutomaticDemoulding Press Machine With High Pressure Paver Blocks & Chequered Tile Making Machine.

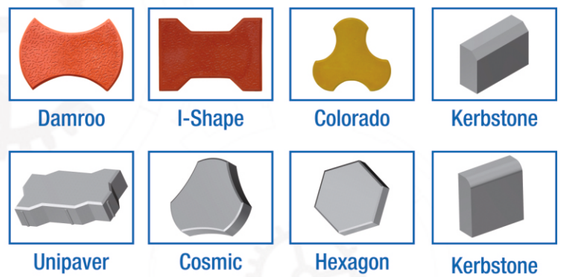






TECHNICAL DATA :

- Paver Blocks Per Stroke : 01 Dual Sides.
- Maximum Pressure Capacity : 70 - 110 Ton.
- Production Capacity : Blocks- 1,800 - 2,000 Pcs/Shift.
- Type of Control : Electric Panel Controller Without Lever.
- Oil Tank Capacity : 230 Litres.
- Paver Blocks : Size 60/80 mm I-Shape 01 Pcs/Mould.
- Chequered Tiles : 10 x 10 = 01 Pcs/Mould.
- Power Consumption : 12.5 HP
- Labour Requirement : 7 Labour



SM 1511 U-Concrete Mixture Machine



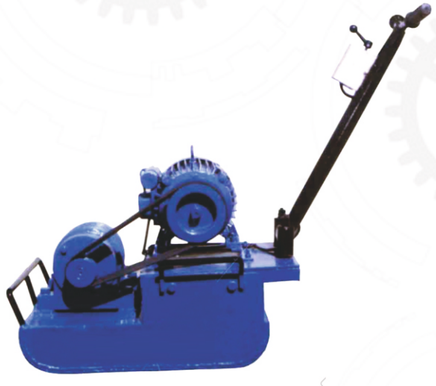
TECHNICAL DATA :

- Total Power Required : 3.0 H.p.
- Capacity : 1 Bag
- Speed : 25-30 Rpm
- Use : For Mixing Cement With Concrete
  For 2nd Layer Of Paver Blocks
  (available In Casting Body & Steel Fabricated)





SM 1512 Earth Compactor Machine

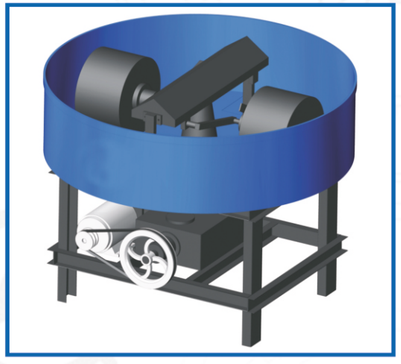


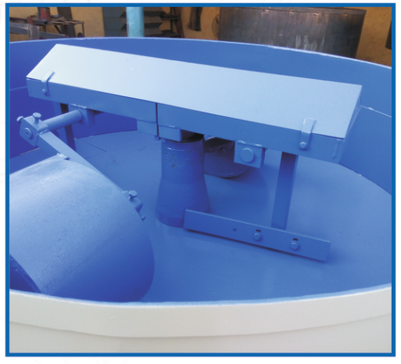
TECHNICAL DATA :

- Total Power Required : 3.0 H.P. (3 Phase Induction Type)
- Copacation : 3-4 Tonnage
- Travel Speed : 12 Meter/Min
- Size : 800 x 500 x 730

SM 1504 Pan Mixture Machine for Mixing Cement and Concrete



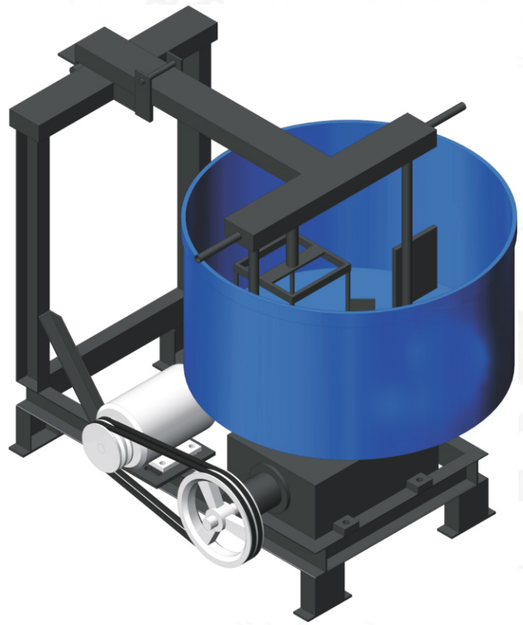




TECHNICAL DATA :

- Total Power Required : 5-7, 5 H.P.
- Mixing Capacity : 300 to 500 kg/batch
- Use : For mixing raw materials of flyash bricks
  and 2nd layer of paver blocks
- Transmission : Speed Reduction Gear
- Speed Ratio : 30:1
- Gears : Bevel-Helical Combined
- Size Available : 5ft (400kg), 6ft (500kg), 7ft (1000kg),

SM 1505 Color Mixture Machine for Top Layer of Paver Blocks





TECHNICAL DATA :

- Total Power Required : 2.0 H.P.
- Manufacturing Storage capacity : 75 to 100 kg/batch
- Use : For Color Mixing of Top Layer for Paver Blocks
- Gear Type : Speed Reduction
- Ratio : 30:1

SM 1506 Drum Mixture Machine



TECHNICAL DATA :

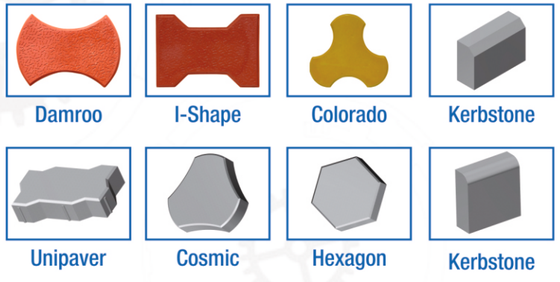
- Total Power Required : 2.0 H.P.
- Manufacturing Storage Capacity : 250 to 300 kg/batch
- Mixing : For Mixing Dry Oxide Colors For 1st Layer Paver Blocks

SM 1510 Hydraulic Manual Operated Vibro With High Pressure Paver Blocks & Chequered Tile Making Machine.

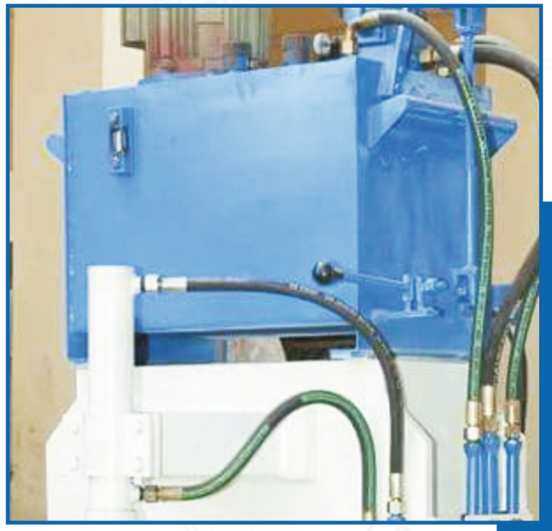


TECHNICAL DATA :

- Paver Blocks Per Stroke : 01 Dual Sides.
- Maximum Pressure Capacity : 70 -110 Ton.
- Production Capacity : Blocks 1,800 - 2,000 Pcs/Shift.
- Type Of Control : Manual Lever Operated With Electric Panel Controller
- Oil Tank Capacity : 220 Litres.
- Power Consumption : 5.0 HP & 7.5 HP
- Labour Requirement : 6 Labour



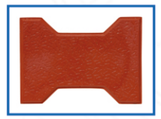
SM 1509 Manual Operated High Pressure Press For Making Coloured Interlocking Pave







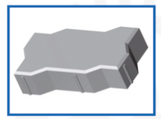
Damroo



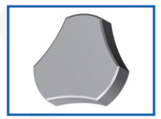
I-Shape



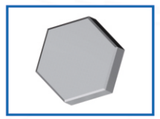
Colorado



Unipaver



Cosmic



Hexagon

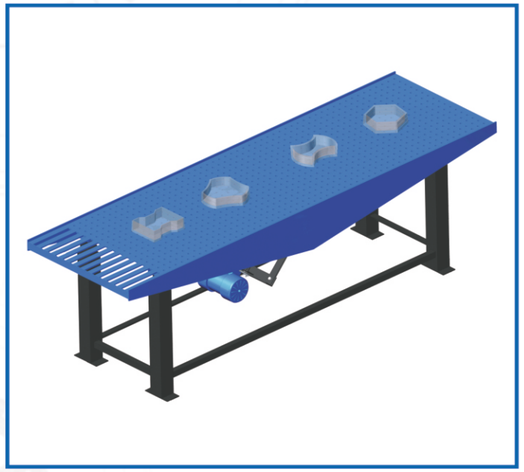
TECHNICAL DATA :

- Paver Block Per Stroke : 01 Dual Sides
- Maximum Pressure Capacity : 40 Ton & - 70 Ton.
- Production Capacity : Blocks- 1,800 - 2,000 Pcs/Shift.
- Type Of Control : Manual Hydraulic Lever Operated
- Oil Tank Capacity : 220 Litres.
- Power Consumption : 10.0 HP
- Labour Requirement : 7 Labour

SM 1507 Vibrator Table Machine for Paver Blocks





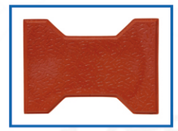


TECHNICAL DATA :

- Total Power Required : 2.0 H.P.
- Production in Shift of 8 Hours : 1500-1800 sq. ft.
- Table Size : 10 x 3 Sq. Ft. & 9 x 3 Sq. Ft.
- Use : For Making Paver Blocks Through Rubber/PVC Moulds
- Plate Thickness : Available in 8mm, 10mm, 12mm



Damroo



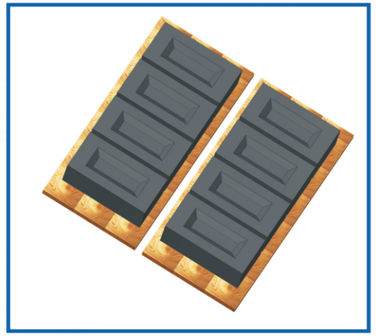
I-Shape



Colorado

SM 1508 Manual Operated High Vibration With Pressure Compacting Machine For Flyash Bricks & Hollow Blocks/Kerbstone







TECHNICAL DATA :

- Bricks Per Stroke : 08 to 15 Bricks
- Maximum Pressure Capacity : 25 - 40 Ton.
- Production Capacity : Bricks - 7,000 Pcs/Shift.
  Blocks - 1,900 Pcs/Shift.
- Type of Control : Manual Hydraulic Lever Operated
- Vibration Frequency : 50 - 90 Hz.
- Oil Tank Capacity : 250 Litres.
- Pallet Size : 26 x 24 Inches & 32 x 32 Inches
- Bricks Size : (9 x 4 x 3 inch) 15 Pcs/Mould.
  (8 x 4 x 4 inch) 15 Pcs/Mould.
- Solid Block Size : (12 x 8 x 6 inch) 03 Pcs/Mould.
- Power Consumption : 8.0 HP
- Labour Requirement : 7 Labour







