



An ISO 9001:2015 Certified Company

Hi Tech Group

Our Ideas of Engineering Mechanism Mesh your Requirements



Fly ash or Concrete Product
Machinery & Equipment.



HI-TECH
ENGINEERING

First Time in India Heavy Vibro with High pressure Machinery



Fly ash or Concrete Product Machinery & Equipment.



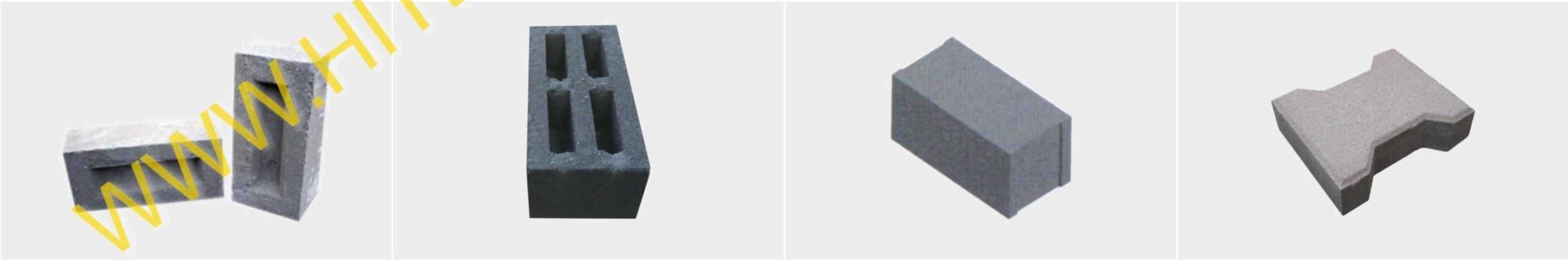
About Us: -

“HI-TECH ENGINEERING” is An ISO 9001:2015 Certified Company, Founded in the years 1983 placed in Morbi, Industrial City of Gujarat State (India). Having a Milestone name in Indian Machinery, Manufacturers & Exporters of Hydraulic Fully Auto Fly Ash Bricks Plant, Interlocking Block Plant, Hollow & Solid Block Plant, Paver & Vibrator Plant, Pan Mixture, Color Mixture, Construction Machinery, Etc...

Hi-Tech operates from well-equipped Machine and Fabrication shops Facilities and Utilizing Auto Cad design - Engineering Software and Modern Methods of quality standards. Hi-Tech concentrates on complete solutions from product manufacturing idea to real commercial production with performance guarantee. Hi-Tech Provides Best Service for their all valuable customers. The foundation of our Organization rest on the shoulder of our experienced and qualified workers, who are well conversant to the field & are familiar with latest engineering & quality assurance procedures under various Domestic & International codes. Today's in the world of Global Warming, Environment concerns have with all the matter of worries, Scorching Heat trapped in concrete Jungle of seeming unbalanced seasons brings Green House Effects line of us. We have very carefully applied our expertise for its trouble free operation of machine, our all products design is very help full for Eco-Friendly Nature.



Model HT-1011

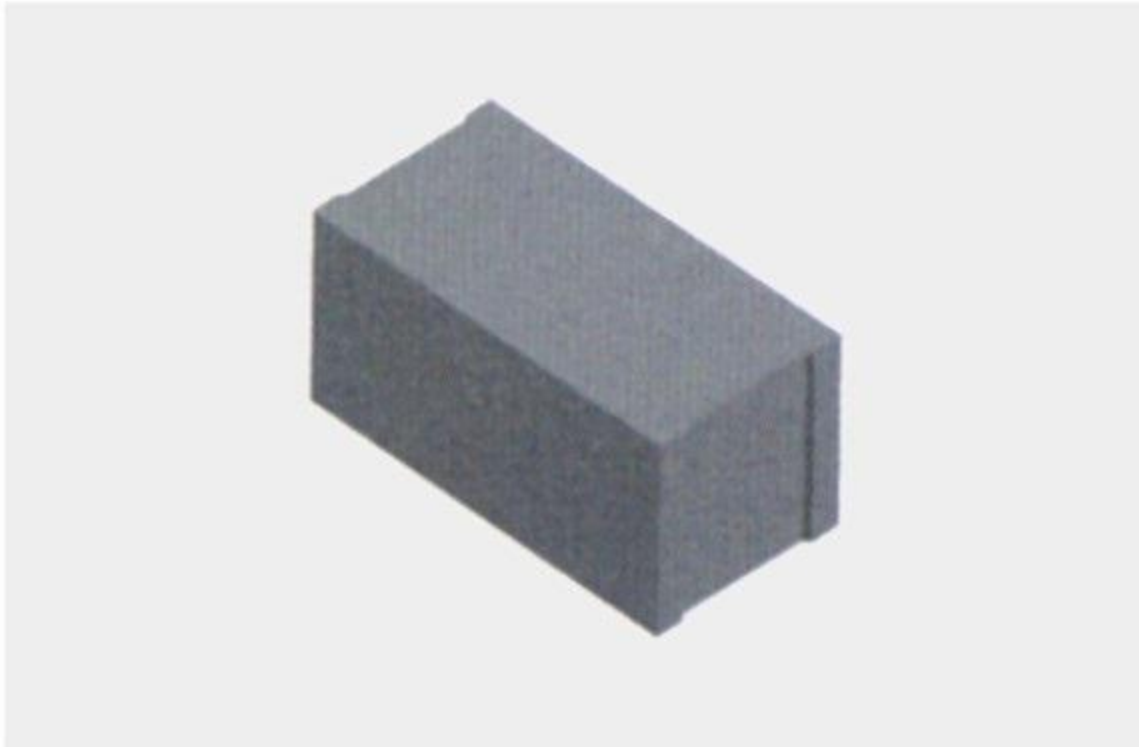
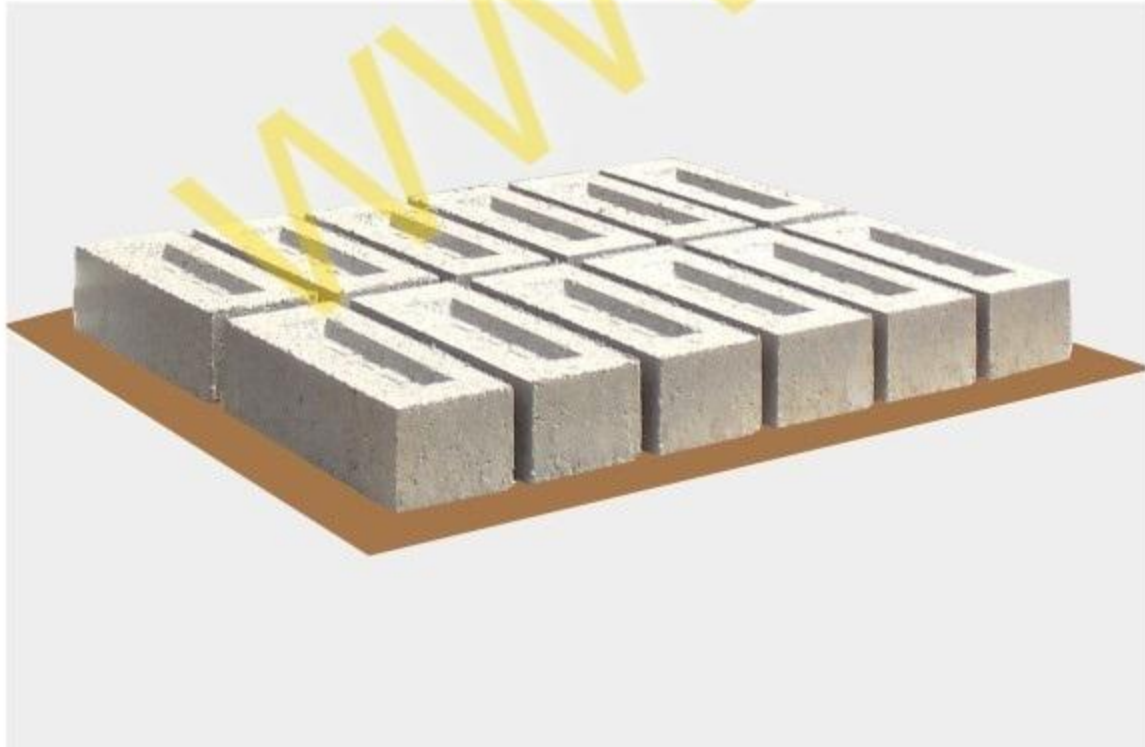


Fly Ash Bricks & Block Making Fully Auto Multi Product Machine

Detail	Specification	
High Press. Tonnage	125 MT + Top Vibro (German Technology)	
Total Power Requ.	47 HP, 35.25 KW.	3 Phase
Oil Tank Capacity	550Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 15000 to 16000	Block 3500 to 3800 / Plain Paver 11000 to 11500
Bricks / Stock	8 Bricks	230 X 110 X 75mm Or as per requirement
Block / Stock	2 Block / 6 Plain Paver	400 X 200 X 150 mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 6 Ft. 600 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

With the Development of new Technology & Competitions. Hi-Tech MakeThis Model for Low Cost of Production, Low Power & Labour Consumption, Full Utilization of resources & Eco Friendly Products. Many years of experience in Engineering with latest progress in technology makes this high speed Multi-Product Machine.

Model HT-1012



Fly Ash Bricks & Block Making Fully Auto Multi Product Machine

Detail	Specification	
High Press. Tonnage	200 MT + Top Vibro (German Technology)	
Total Power Requ.	60 HP, 45 KW.	3 Phase
Oil Tank Capacity	600 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 23000 to 24000	Block 5500 to 6000 / Plain Paver 18000 to 19000
Bricks / Stock	12 Bricks	230 X 110 X 75mm Or as per requirement
Block / Stock	3 Block / 10 Plain Paver	400 X 200 X 150 mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 7 Ft. 900 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 600 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Model HT-1029



Fly Ash Bricks & Block Making Fully Auto Multi Product Machine

Detail	Specification	
High Press. Tonnage	300 MT + Top Vibro (German Technology)	
Total Power Requ.	79 HP, 59.25 KW.	3 Phase
Oil Tank Capacity	650 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 28000 to 30000	Plain Paver 24000 to 25000
Bricks / Stock	18 Bricks / 15 Plain Paver	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 7 Ft. 1200 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 24 Inch X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Model HT-1030



Fly-ash Bricks Making Fully Auto Machine (Low Cost)

Detail	Specification	
High Press. Tonnage	125 MT + Top Vibro (German Technology)	
Total Power Requ.	37HP, 27.75 KW.	3 Phase
Oil Tank Capacity	550 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 15000 to 16000	Plain Paver 10500 to 11000
Bricks / Stock	8 Bricks / 6 Plain Paver	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 5 Ft. 400 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Model HT-1032



Fly-ash Bricks Making Fully Auto Machine

Detail	Specification	
High Press. Tonnage	100 MT + Top Vibro (German Technology)	
Total Power Requ.	28.5 HP, 21.38 KW.	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 10000 to 11000	Plain Paver 7000 to 7500
Bricks / Stock	6 Bricks / 4 Plain Paver	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	1 Nos. / 6 Ft. 600 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

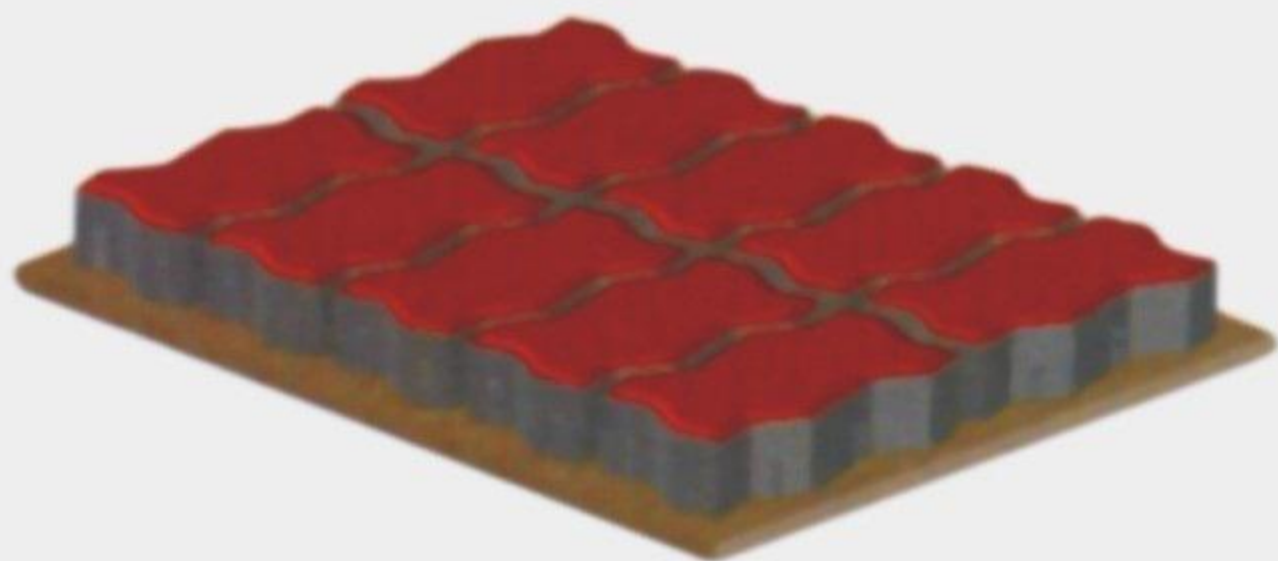
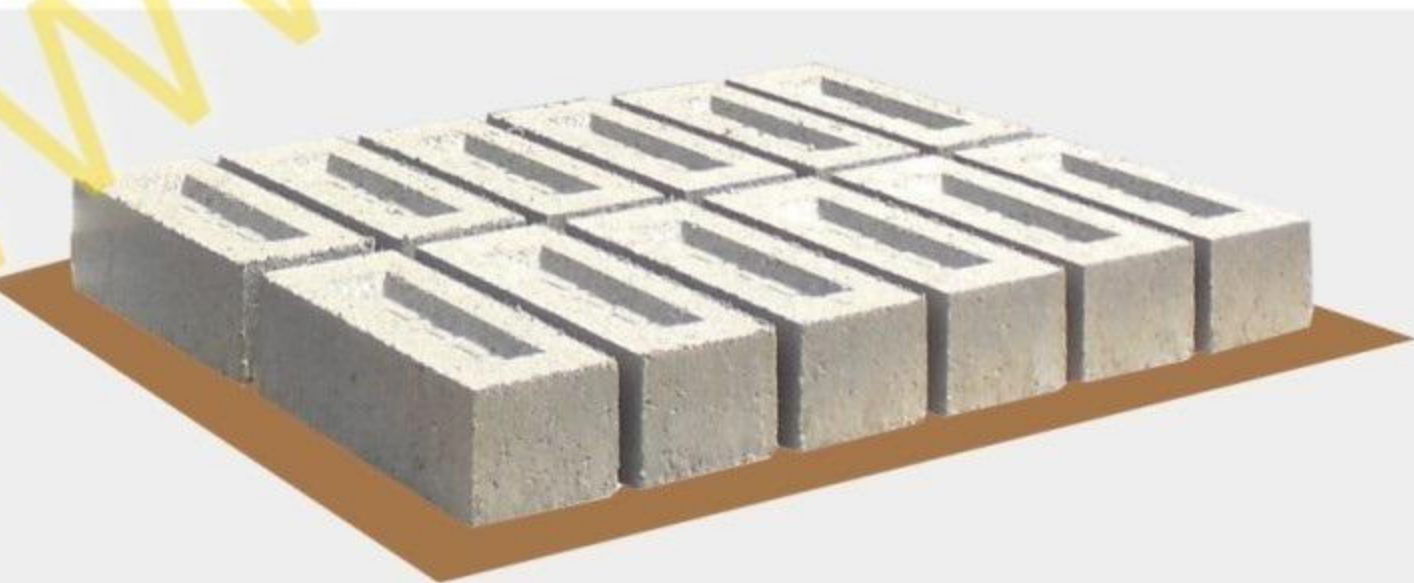
Model HT-1025



Fly-ash Bricks Making Fully Auto Machine

Detail	Specification	
High Press. Tonnage	150 MT + Top Vibro (German Technology)	
Total Power Requ.	47 HP, 35.25 KW.	3 Phase
Oil Tank Capacity	550 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 19000 to 20000	Plain Paver 14000 to 15000
Bricks / Stock	10 Bricks / 8 Plain Paver	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 6 Ft. 600 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Model HTC-1025



Color Paver & Bricks Making Fully Auto Machine

Detail	Specification	
High Press. Tonnage	150 MT + Top Vibro (German Technology)	
Total Power Requ.	50HP, 37.5 KW.	3 Phase
Oil Tank Capacity	550Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Colour Paver 8500 to 9500 / Plain Paver 14000 to 15000	Bricks 19000 to 20000
Paver Block / Stock	8 Block or depend on design	Design as per requirement
Bricks / Stock	10 Bricks	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Auto Colour Feeding	Auto Double Feeder Attachment For Top Layer / Colour Paver	
Pan Mixture	2 Nos. / 6 Ft. 600 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Colour Mixture (Drum Type)	Colour Mixing for Top Layer of Paver Blocks.	
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Auto Pallet Stacker (Gear Type)	For Shifting & Arranging Green Bricks Pallet From Press to pallet Truck Or Stacker System (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Model HT-1022

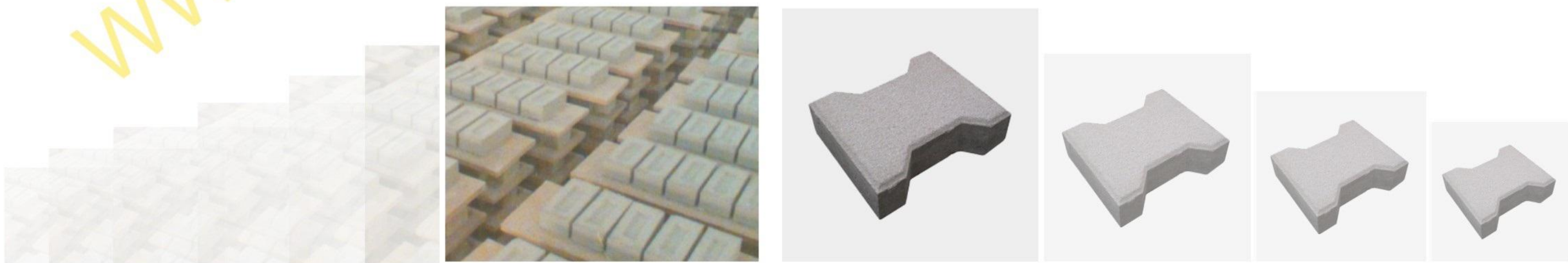


Fly Ash Bricks Making Fully Auto Machine

Detail	Specification	
High Press. Tonnage	80 MT + Top Vibro (German Technology)	
Total Power Requ.	22 HP, 16.5 KW.	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 7000 to 7500	Plain Paver 5000 to 5500
Bricks / Stock	4 Bricks / 3 Plain Paver	230 X 110 X 75mm Or as per requirement
System	Vibro with high pressure, Oil Chiller, Pallet Auto Cut, Varam System	Feeding & Mould Gap Adjust Plate, Magnetic System, Special Oil Filter, etc
Pan Mixture	1 Nos. / 5 Ft. 400 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 18 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Color Paver Attachment:	Auto Double Feeder Attachment Available for Color Paver (If Require)	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Auto Model HT-1033

Semi Auto Model LT-1033

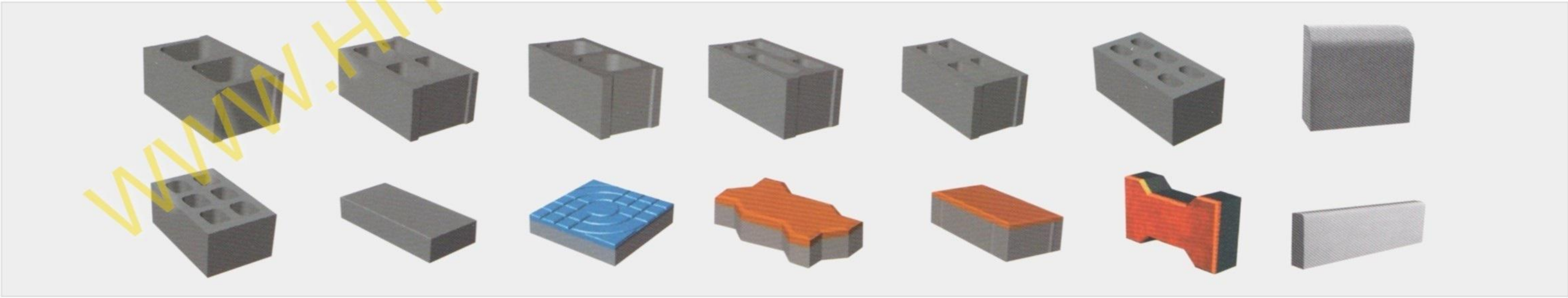


Fly Ash Bricks & Paver Making Machine

Detail	Specification	
High Press. Tonnage	70 MT	
Total Power Requ.	13 HP	3 Phase
Oil Tank Capacity	200 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 5000 & Paver 3000	Depend On Operator
Bricks / Stock	2 Paver & 3 Bricks	
System	High pressure, Oil Cooling	Special Oil Filter, etc
Pan Mixture	1 Nos. / 5 Ft. 400 Kg. Capacity (Roller & Blade)	
Conveyor		
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

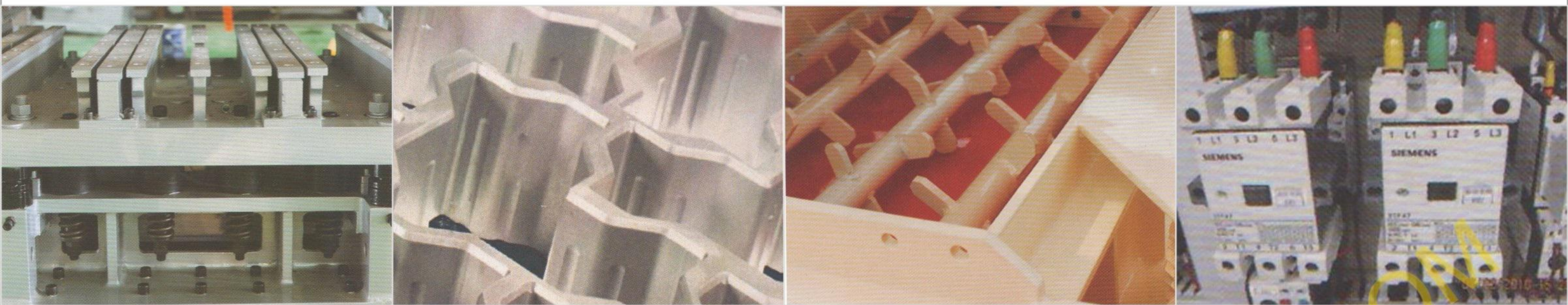


Model HTC-1034-12



Color Paver, Bricks, Solid & Hollow Blocks Making Fully-Auto (Vibro Compacting) Machine

Detail	Specification	
Total Power Requ.	61 HP, 45.75 KW.	3 Phase
Oil Tank Capacity	475 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Colour Paver 10000 to 12000	Solid & Hollow Block 5000 to 5500 Bricks 18000 to 19000
Paver Block / Stock	10 Block or depend on design	Design as per requirement
Solid & Hollow Block / Stock	3 or 4 Block or depend on design	as per requirement
Bricks / Stock	12 Bricks	230 X 110 X 75mm Or as per requirement
Hi-Tech Vibro System	15 HP	
System	Vibro Compacting, Oil Chiller, Varam System, Magnetic System, Pallet Auto Cut, Filter, Feeding & Mould Gap Adjust Plate, etc	
Auto Colour Feeding	Auto Double Feeder Attachment For Top Layer / Colour Paver	
Pan Mixture	2 Nos. / 6 Ft. 600 Kg. Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	2 Nos. 1. Ft 30 X Width 450 mm X Thickness 8mm	2. Ft 18 X Width 450 mm X Thickness 8mm Dunlop/MRF Belt
Color Pan Mixer	Colour Mixing for Top Layer of Paver Blocks 3 Ft. 200 Kg.	
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Stracker System	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.



Weight Batcher for main Material

Cement and Fly ash Silo

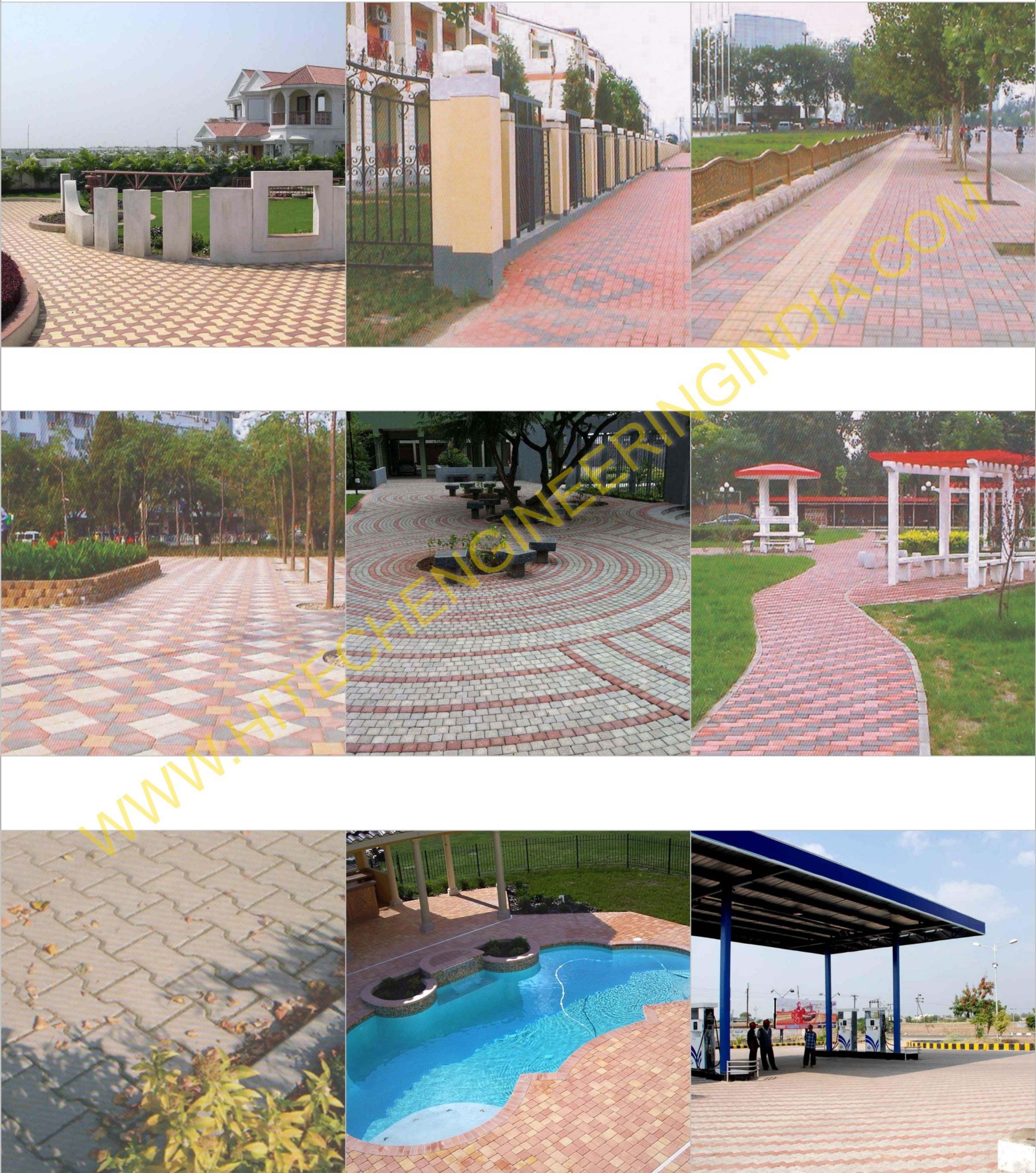


Hydraulic Pallet Stracker

Short Blasting Machine

Cement & Fly ash Feeding System





PRODUCT WE ARE USING



“HI-TECH ENGINEERING” used Standard Quality of material for better performance of machinery. Hi-Tech has been established on hardworking and enterprising people with a view to supply the genuine & quality products. Right from its inception, the company has been improving on its performance with each passing day.

MANUFACTURER : ALL KIND OF HYDRAULIC POWER PACK

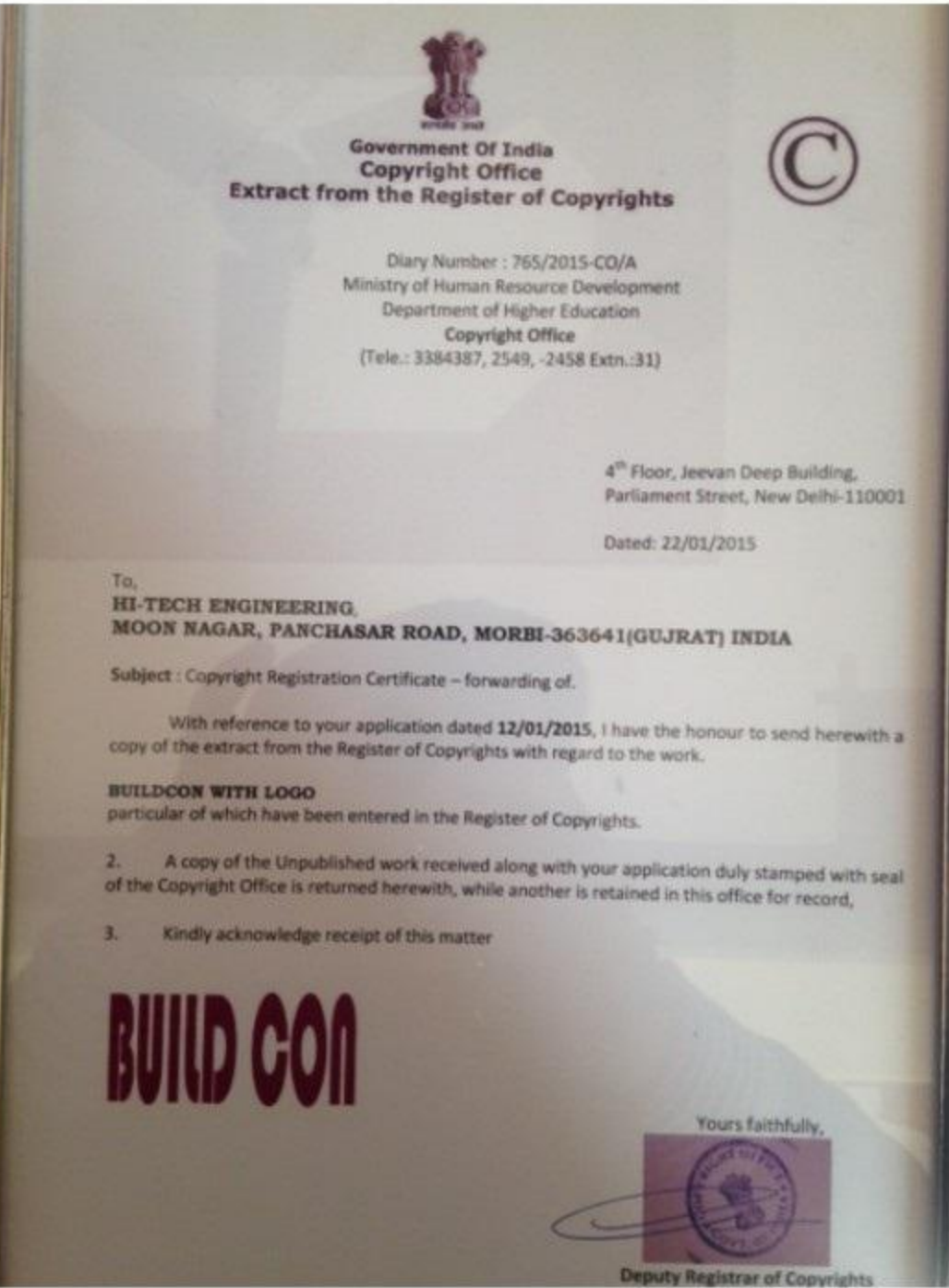


CAPACITY	: AS PER REQUIRMENT
VIEW	: HORIZINTAL & VERTICAL
SIZE	: AS PER REQUIRMENT
PARTS USED	: AS PER RQUIRMENT
APPLICATION	: MEDIUM & LARGE INDUSTRIES USES
PRESSING	: AS PER REQUIRMENT

Hydrolic Cylinder

We offer for all types of hydraulic Cylinder suitable for construction machineries as per customer's requirements. Our equipment is reliable and easy to use. Our products are exposed to heavy use in a harsh environment. Our qualified and experienced engineers have technical expertise in manufacturing of world class industrial hydraulic cylinder which is used in different applications.







Model HT-1017

Detail	Specification	
High Press. Tonnage	70 MT	
Total Power Requ.	5 HP	3 Phase
Oil Tank Capacity	125 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Paver 1400 to 1600 (Production Depend On Man Power Working Condition)	
Bricks / Stock	1 Paver	Paver Design as per requirement
System	Oil Cooling Hydraulic Stand Is Available For Removing Ring	Auto Stop Oil Filter, Steel Mould, (Tempering With Hardning)
Note	Specifications are subject to change for improvement	



Model HT-1028

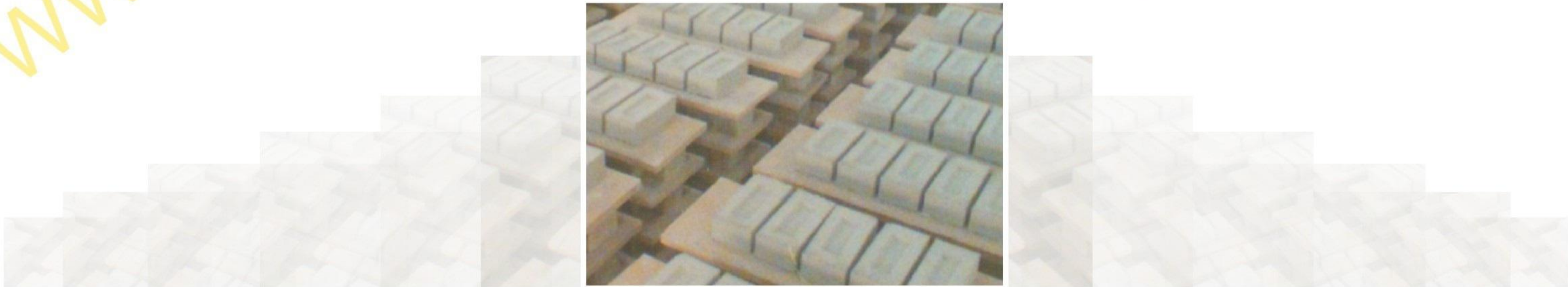
Detail	Specification	
High Press. Tonnage	70 MT + Vibration	
Total Power Requ.	5 HP	3 Phase
Oil Tank Capacity	125 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Paver / Curb Stone 2000 to 2500 (Production Depend On Man Power Working Condition)	
Bricks / Stock	1 Paver / Curb Stone	Paver Design as per requirement
System	Oil Cooling Hydraulic Stand Is Available For Removing Ring	Comfortable Mould Moving Railing, Vibro System, Oil Filter, etc.
Note	Specifications are subject to change for improvement	



Model HT-1016 Demoulding Machine

Detail	Specification	
High Press. Tonnage	70 MT	
Total Power Requ.	7.5 HP	3 Phase
Oil Tank Capacity	200 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Paver 2500 to 3000 / Bricks 3000 to 3500 (Production Depend On Man Power Working Condition)	
Bricks / Stock	1 Paver / Bricks	Paver Design as per requirement
System	Oil Cooling, Center Demoulding High Pressing For Maximum Compaction & Strength	Auto Stop Control Panel, Operation With Single Switch For Both Pressing & Return Stock, Oil Filter, etc.
Note	Specifications are subject to change for improvement	





Fly Ash Bricks Making Auto Machine

Detail	Specification	
High Press. Tonnage	80 MT	
Total Power Requ.	26.5HP, 19.88 KW.	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 12000 to 13000	
Bricks / Stock	5 Bricks	230 X 110 X 75mm Or as per requirement
System	Oil Chiller, Varam System	Magnetic System, Special Oil Filter, etc
Pan Mixture	1 Nos. / 6 Ft. 600 Kg Capacity Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 450 mm X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Material Handling Equipment



Miller Mixture



Pallet Truck Realing Type



Material Handling Trolley



Wheel Barrow Trolley

For Shifting Raw Material to Mixture Machine



Manual Fork Lift

Hydraulic Lift, Manual Dragging, Hand Pump

Capacity : 2500 KG

For Shifting Bricks Pallet From Stacker



Conveyor Belt

Feeding Mixed Material Form Mixture to Press Machine

Capacity 3/5/7 Ton Per Hours

Power - 2/3 HP

MRF Or Donlop Belt with Heavy Gear & Roller



Hydraulic Pallet Truck

Hydraulic Lift, Manual Dragging, Hand Pump

Capacity : 500 KG

For Shifting Bricks Pallet From Shed to Ground

Pan Mixture Model No. HT-1018

Detail	Specification			
Power Requ.	5 HP	7.5HP	10 HP	15 HP
Specification	5 Ft.	6 Ft.	7 Ft.	7 Ft.
Storage Capacity	400 KG	600 KG	900 KG	1200 KG
Mixing	By Heavy Rollers & Blade for fly ash			By Blade for Paver
Manufacturing	Mixing of raw materials for Fly-Ash Bricks and second Layer of Paver Blocks			
Gear Type	Powerful Worm Reduction Gear Box Transmission Unit.			
Material	Material charge & Discharge manually			
Note	Specifications are subject to change for improvement			



VIBRATOR TABLE Model No. HT-1019

Detail	Specification
Prod. Capacity	1500 to 1800 Sq.Ft. / 8 Hours Shift
Power Required	3 HP / 3 Phase
Vibrating Table Size	10 x 3 Sq. Feet (10 mm Standard Plate)
Note	Specifications are subject to change for improvement

COLOR MIXTURE TOP LAYER (GEAR TYPE) Model No. HT-1020

Detail	Specification
Power Required	2 HP / 3 Phase
Storage Capacity	75 to 100 KG / Batch. (3 Feet)
Utility	Fast and Accurate in Colour Mixing
Manufacturing	Colour Mixing for Top Layer of Paver Blocks & chequered tiles.
Note	Specifications are subject to change for improvement



Model No. HT-1024

Detail	Specification
Total Power Requ.	2 HP / 3 Phase
Storage Capacity	150 Kg/Batch
Utility	Fast and Accurate in Colour Mixing
Manufacturing	Colour Mixing for Top Layer of Paver Blocks & chequered tiles.
Note	Specifications are subject to change for improvement

PVC Rubber Mould

We Offer Good Quantity Of PVC Rubber Mould For Paver Block, Chequered Tiles, Parking Tiles, Curb Stone, Etc...



Colour & Chemical:-

We Offer High Range of Non Fading Colors And Good Quality Of Chemical, (SUPER PLASTICIZER) cum Hardener For Fast Curing, and Higher Strength in Paving Blocks & Tiles. Coating for Glossy and fine finish of Products.



All Type Of Steel Mould For Hydraulic Press:-

Our experienced staff use state-of-the-art technology in a customer-oriented way to develop and manufacture your reliable tool for first-grade concrete products – for Any Paver Block, Bricks, Hollow Block, Solid Block Mould.

- High Quality Steel Used
- Minimizing Deformation Generated by Welding
- Improved Precision By CNC (Computer Numerical Control)
- High Technology Of Heat Treatment
- Quick Delivery, Etc...



PVC Plastic Pallet

- Environment Friendly & Cost Effective
- It Never Rots In Open Air, Onground, Buckles Or Deteriorates Underwater.
- Self Decorative & Maintenance free
- Reprocessable & Reusable.
- Full Size: 8 Ft. X 4 Ft. / 6 Ft. X 3 Ft.
- Thickness: 10, 12 , 18 & 24 mm





HI-TECH
ENGINEERING

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