



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	100 MT	
Total Power Requ.	36 HP	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 15000 to 17000	Block 3800 to 4300
Bricks / Stock	8 Bricks	230 X 110 X 75mm Or as per requirement
Block / Stock	2 Block	400 X 200 X 150 mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 6 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 18 Inch X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Pallet Truck or Stracker System	
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	150 MT	
Total Power Requ.	42 HP	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 23000 to 26000	Block 5700 to 6400
Bricks / Stock	12 Bricks	230 X 110 X 75mm Or as per requirement
Block / Stock	3 Block	400 X 200 X 150 mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 7 Ft. 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	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Pallet Truck or Stracker System	
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	200 MT	
Total Power Requ.	45 HP	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 30000 to 32000	
Bricks / Stock	18 Bricks	230 X 110 X 75mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 7 Ft. 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	
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.

Model HT-1030



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

Detail	Specification	
High Press. Tonnage	80 MT	
Total Power Requ.	23 HP	3 Phase
Oil Tank Capacity	300 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 11000	
Bricks / Stock	8 Bricks	230 X 110 X 75mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	2 Nos. / 5 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 25 X Width 18 Inch X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Pallet Truck or Stracker System	
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	50 MT	
Total Power Requ.	19 HP	3 Phase
Oil Tank Capacity	300 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 7000	
Bricks / Stock	4 Bricks	230 X 110 X 75mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Pan Mixture	1 Nos. / 6 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 14 X Width 18 Inch X Thickness 8mm	Dunlop/MRF Belt
Auto PLC	Fully Auto PLC operating all system & Warranted safety system with HMI Display	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Pallet Truck	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

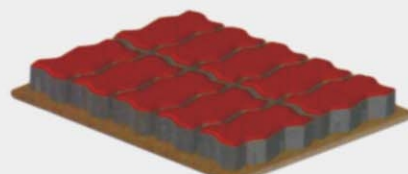
Model HT-1015



Fly Ash Bricks Making Auto Machine

Detail	Specification	
High Press. Tonnage	80 MT	
Total Power Requ.	18 HP	3 Phase
Oil Tank Capacity	300 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Bricks 1200	
Bricks / Stock	5 Bricks	230 X 110 X 75mm Or as per requirement
System	Oil Cooling, Varam System	Magnetic System, Special Oil Filter, etc
Pan Mixture	1 Nos. / 6 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 18 X Width 18 Inch 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.

Model HT-1021



Color Paver & Bricks Making Fully Auto Machine

Detail	Specification	
High Press. Tonnage	150 MT	
Total Power Requ.	38 HP	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Paver 5500 to 5700	Bricks 15000 to 17000
Paver Block / Stock	4 Block or depend on design	Design as per requirement
Bricks / Stock	8 Bricks	230 X 110 X 75mm Or as per requirement
System	Heavy Mould Vibro with High pressure, Oil Cooling, Pallet Auto Cut,	Varam System, Magnetic System, Special Oil Filter, etc
Auto Colour Feeding	Double Trolley (For Feeding Top / Color layer)	
Pan Mixture	2 Nos. / 6 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 30 X Width 18 Inch 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	
Pallet Shifting	Auto Shifting & Arranging Green Pallet From Press to Pallet Truck or Stracker System	
Note	Specifications are subject to change for improvement	Engineering drawing for civil work and shed for the machine installation.

Pan Mixture Model No. HT-1018

Detail	Specification		
Power Requ.	5 HP	7.5HP	10 HP
Specification	5 Ft.	6 Ft.	7 Ft.
Storage Capacity	400 KG	600 KG	900 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		



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



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



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...

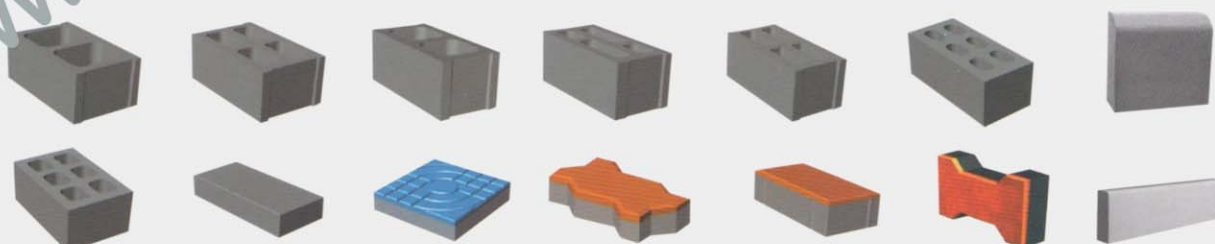


PVC Plastic Pallet

- 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

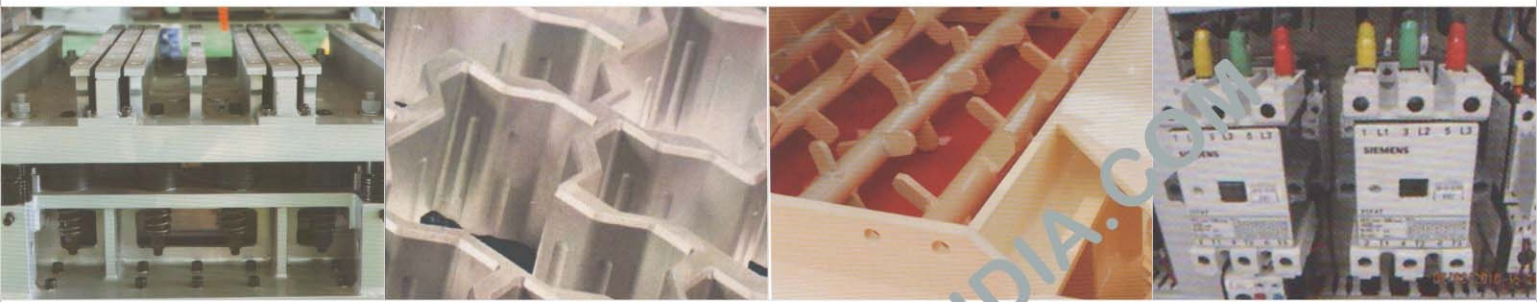


Model HT-1027



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

Detail	Specification	
Total Power Requ.	48 HP	3 Phase
Oil Tank Capacity	400 Ltr./ Standard Company	68 No. Hydraulic Oil
Produ Capa. / Shift (100% 8 Hour)	Colour Paver 10000 to 12000	Solid & Hollow Block 5700 to 6400, Bricks 23000 to 26000
Paver Block / Stock	8 Block or depend on design	Design as per requirement
Solid & Hollow Block / Stock	3 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	2 Nos. / 5HP	
System	Heavy Vibro with pressure, Oil, Varam System, Magnetic System, Special Oil, Cooling, Pallet Auto Cut, Filter, etc	
Auto Colour Feeding	Double Trolley (For Feeding Top / Color layer)	
Pan Mixture	2 Nos. / 7 Ft. Heavy Duty (Roller & Blade)	Powerful Worm Reduction Gear Box Transmission Unit
Conveyor	Ft 25 X Width 24 Inch 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	
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 REQUIREMENT
VIEW	: HORIZONTAL & VERTICAL
SIZE	: AS PER REQUIREMENT
PARTS USED	: AS PER REQUIREMENT
APPLICATION	: MEDIUM & LARGE INDUSTRIES USES
PRESSING	: AS PER REQUIREMENT

Hydraulic 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.





Office Address : Panchasar Road, Nr. Geeta Oil Mill, At & Dist-Morbi-363641, Gujarat, (INDIA)

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