

# JK TILES MACHINERY

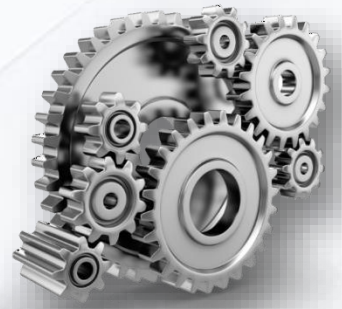
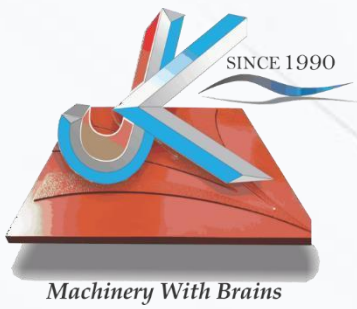
An ISO 9001:2015 Certified Company.

IT ALL STARTS WITH,

THE ENDMOST  
**CONCRETE**  
PRODUCT  
**SOLUTION**







# JKTILES Machinery with brains MACHINERY

**India's Largest Chain of Machinery Manufacturing** for making All types of **Pavement Tiles, brick, CC Blocks in secondary** industry Sector of manufacturing, Our national presence in **6 Major Indian Cities and 5 Major States** -

- **Bangalore, Karnataka.**
- **Hyderabad, Telangana**
- **Bhubaneswar, Odisha**
- **Noida, Uttar Pradesh**
- **Delhi NCR**
- **Guwahati, Assam.**

**Prospectus | Overview**

- ▽ **Innovating Automation's**
- ▽ **Endmost Concrete Product Solution**
- ▽ **Enthusiasm Customer Priority**
- ▽ **Incomparable product.**

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## PRODUCT At a Glance

**Model No: JKTM-FAT-2200 EVEREST Multi purpose Fully Automatic Hydro-Vibro with Twin Drive VERTICLE VIBRATION Tech.**



**JKTILES MACHINERY**  
Machinery with brains  
An iso 9001 : 2015 certified company.



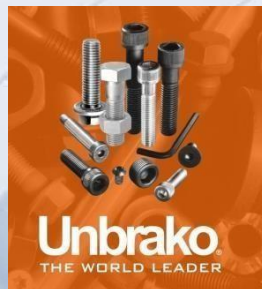
*Manufacturing Quality Revolutionizing Hydraulic*



## FULLY AUTOMATIC BRICK PLANT

JKTM-FAT-2200 EVEREST MULTI  
VIBRO HYDRO  
Driven by VERTICLE VIBRATION

### Esteemed Machinery product partners









**Note:** All The Companies Given Above Are Only Our Manufacturing Partners, Which Provide Us All The Parts For The Manufacturing Of Machinery. These Includes Crompton™, Unbrako®, Dunlop™, Yuken®, Rexroth™, Schneider™, Rajans, ABB, etc.



## Machine Features JKTM-FAT-2200 EVEREST Fully Automatic Multi Hydro-Vibro

Multi Blocktech	Multi types of Brick & Block Manufacturing capacity.
Vibration Tech.	Vibro. compaction technology with Vibro. box & Two Motor for smooth vibration system
Double feeder	Main feeder for cement concrete material feeding & Other feeder for Color or Powder
Auto. Stacker	Automatic stacking system for finished goods output on Hydraulic lifting trolley.
Remote control	Inbuilt Wi-Fi system attachment for easy maintenance.
Chain system	Chain system in front of machine for speedy finished goods forwarding to stacking system.
Double Pan Mixer	Double Pan mixer with 550kg. mixing capacity each for speedy & smooth material mixing.
Water adding syst.	Automatic water adding system with water pump & Timer.

## Production Capacity JKTM-FAT-2200 EVEREST Multi Fully Automatic Hydro-Vibro

Output production Images	Produce	L.	W.	H.	Cavity	Per Hours Production	Per Shift / 8 Hours Production
	Fly Ash / Cement Brick	230	110	70mm	10cvt.	1800 to 2150 nos.	14400 to 17200 nos.
		200	100	100mm	10cvt.	1800 to 2150 nos.	14400 to 17200 nos.
		250	125	75mm	6cvt.	1080 to 1280 nos.	8640 to 10240nos.
		225	150	75mm	6cvt.	1080 to 1280 nos.	8640 to 10240nos.
	Solid Block	400	200	200mm	3cvt.	450 to 540nos.	3,600 to 4,320nos.
		300	150	150mm	4cvt.	600 to 720nos.	4,800 to 5,760nos.
	Hollow Block	400	200	200mm	3cvt.	450 to 540nos.	3,600 to 4,320nos.
		300	150	150mm	4cvt.	600 to 720nos.	4,800 to 5,760nos.
	Plain Interlock Paver Block (Without Color)	Standard Paver Block size (200 × 165 × 60/80/100mm)					
		Zigzag Paver 80mm			8cvt.	1,200 to 1,440nos.	9,600 to 11,520nos.
		I Shape Paver 60mm			6cvt.	900 to 1,080nos.	7,200 to 8,640nos.
	Inter-locking Paver block (With Color)	Standard Paver Block size (200 × 165 × 60/80/100mm)					
		Zigzag Paver 80mm			8cvt.	864 to 1,104nos.	6,912 to 8,832nos.
		I Shape Paver 60mm			6cvt.	648 to 828nos.	5,184 to 6,624nos.
	Curbstone	300	200	100mm	2 cvt.	216 to 288nos.	1728 to 2304nos.

# Machinery Parts Specification: JKTM-FAT-2200 EVEREST

## Multi Fully Automatic Hydro-Vibro

### 1. Main Machine & Technology



- : Heavy MS steel plate Body 22 to 25mm thickness, Hydraulic Main jack & Two Side cylinder with Hydraulic oil seal Technoland / Rajhans.
- : 50 to 60 Tones Pressure with Vertical Vibration, Automatic Double Feeder facility, Sensor System Machine, Auto. Stacking system & Auto. PLC based Comp. Panel board system.

### 2. Power pack



- : Hydraulic Pressure 80-90 Tonnage.
- : 10 HP JKTM Motor (Crompton, havelles ) For Main power pack with copper winding.
- : 480 Liters Oil Tank with Oil Cooling System.
- : Yuken® Plunger Pump.
- : Pressure Meter Scientific/Micro.
- : Sonoligh Control Valve Rexroth®
- : Bosch Speed Gear Pump.
- : Hydraulic Jack Oil Seal Technoland/ Ranjhans.

### 3. Automation Wi fi PLC Panel Computerized Unit

- : (EPCS)Electronic Pressure Control System.
- : MS Steel Sensor System With Auto Stop Facility.
- : (HSCS) Hydraulic Speed Control System.
- : Electronics Parts By Siemens® & Delta.
- : Dust & vermin proof Panel suitable for bottom cable entry.

### PLC Unit

For Fully Automatic multiple operations.

Other Important Features :- Electronics pressure control volume system. - MS steel sensor system with Auto stop facility. - Hydraulic speed control system & Vibrator control system. - Emergency Button, Stroke calculator, Delay Timer, LED & Display. - Facility to operate the machine in Automatic & Semi Auto. - Electronics parts Siemens, Schneider and Delta. - Panel is dust and vermin proof, suitable for bottom cable entry. - Each motor feeder have a MCCB(35KA) for overload and short circuit protection.



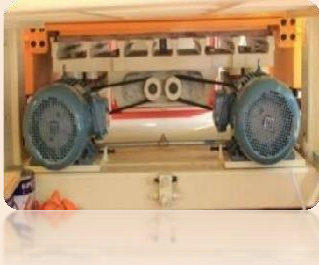




#### 4. Conveyor belt System

Dimension(Belt) : 6850mm(23feet) X 500mm X 10mm  
 motor : 2 HP  
 Gear Box : 3 liters

- To feed the mix from the pan mix to the Brick, Press: Capacity  
 2 Tons / hour Power (Motor) Bottom End 2 hp. 1440 RPM Crompton motor  
 Storage intermittent Bin flow Regulation By heavy rollers Gear Box 300 - 30 \*1  
 RPM



#### 5. Verticle Vibration system Twin drive

- Best Strength and Designed Impression on Each piece.
- Précised Dimensional Accuracy.
- Uniform Size with Controlled Height.

**7.5Hp + 7.5 Hp** Crompton/Havells motor for generate the Vibration in mould for quality purpose which is remove air bubbles in bricks & increase the strength of bricks & block with combine Technology.

Bottom Two 5.25 kW Vibration Motors offer Strong Vibration force, Largely improve density of the blocks Gives accurate height to each block and précised dimensions



#### 6. Auto Stacker System

1. Automatic pallets stacking system for smooth & speedy operation.
2. Power require 3 HP (1 Hp + 1 Hp + 1 Hp).
3. Hydraulic Lifting system for running the stacker.
4. Controlled by variable frequency drive



#### 7. Color mixer Machine

- Capacity : 100 kgs to 125 kgs / Per Batch Power (Motor): 2 Hp. – 1440 rpm Crompton/Havells Motor  
 Manufacturing: Mixing of raw Materials of Top Layer Rubber Mould, Paver Block.



## 8. Hydraulic Trolley

Hydraulic Trolley Manufactured using high-grade raw material, These Trucks are known for their high performance, Durability, strong construction and low maintenance. - Hand operated Hydraulic system.



## 9. Color Feeder System

fully automatic color secondary feeder system  
Attached with computerized plc panel to give efficient and proper color input feeding.



## 10. Concrete Main Feeder System

: fully automatic concrete main feeder system  
driven by twin directional motorized system  
Attached with computersied plc panel to give efficient and proper concrete inpur feeding.

## 11. Roller/Blade Pan mixer



1. 1800 mm diameter.
2. -10 to 12mm MS steel plate Circle & Side wall 4 + 4mm.
3. 500 to 650 kg. Raw materials mixing capacity.
4. Mixing by Rollers and Hand faced scrapers.
5. 7.5 HP + 7.5 Hp Crompton / Siemens / ABB / Havells motor.
6. Heavy body Gearbox, SKF(ISI)/NBC Bearing,
7. Discharge (Manual): Bottom door opening.
8. Material charge: Manual of conveyor



**Company Add:**

Sy No. 102/4,Vill-Sulikunte , Sarjapur Main Road, Near Shell Petrol Pump, Varthur Hobli, Bengaluru, Karnataka 560035.

GSTIN :29AATFJ8939N1Z1

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**Invoice And Shipping Address :**

Mr.Mohan Raj

Bengaluru Karnataka

Quotation #

JKBLR/CNT 05

Quotation  
Date

24-02-2025

Plant Type:

JKTM-FAT-2200

Salesperson :

Mrs Anjali

Payment  
Terms:

CHEQUE.NEFT.DD

Client code :

JKBLR/CNT 05

M A C H I N E R Y

S.no.	Description	Quantity	Unit price	Amount
1.	JKTM-FAT-2200 EVEREST Fully Automatic Multi Vibro Hydro Block and Brick Machinery with Twin Drive VERTICAL VIBRATION Technology, Main Hydraulic Machine.	1 Unit	MACHINERY PLANT PART-A	
2.	JK VERTICAL VIBRATION 7.5 Hp + 7.5 Hp Powered by Modulated Frequency Drivers Technology (Delta/Schneider Make) with Twin Drive system.	1 Unit		
3.	PLC Panel – Auto Matic Wi fi computerized Panel Delta Make Electronics Parts by Siemens® & Delta®	1 SET		
4.	JK Concrete Main Feeder Machinery System for Concrete Layer (Specs ref. above)	1 SET		
5.	JK Conveyor Belt Machinery System 23 feet (6850mm) x 500mm powered by 3 HP	1 SET		
6.	JK Pan Mixers Roller/ scrapper Blade type with 7.5Hp + 7.5 Hp total 15 Hp Motor and warm Reduction Gear Box. Safety Grill fitted above pan mixer	2 PCS		
7.	Pallet feeder system with Automatic Photosensitive Sensor gives empty pallet alarm.	1 SET		
8.	Hydraulic power pack powered by 10 HP with Crompton motor, Rexroth® Pressure control valve, solenoid valves and Yuken® Plunger and vein pump.	1 SET		



9.	Hollow Block Iron Die Set Attached or included In Machine, Size :16 X 8 X 8 in Inche (400mm x 200mm x 200mm)	1 SET		
10.	Extra Necessary Complete set of Tool Kit.	1 SET		
11.	Discharge Railing Extension for pallets.	2 SET		
13.	Block Shifting Trolley.	2 PCS	MACHINERY PLANT PART-B	
14.	Extra Necessary oil Seal Sets, 5 Extra Sensors.	1 SET		
15.	JK Color Secondary Feeder Machinery System for color layer (Specs ref. above)	1 SET		
14.	JK COLOR MIXER, Drum Scraper blade system for consistent and smooth powered mixing	1 SET		
15.	Automatic Robotic Stacker powered by 3 Hp Controlled by variable frequency drive Hydraulic Lifting system for running the stacker	1 SET	MACHINERY PLANT PART-C	
16.	Extra Zig Zag Iron Paver Die Set	1 SET		
17.	Extra I Shape Iron Paver Die Set	1 SET		
		Total Estimated Cost of PART A	₹ 24,50,000/-	₹ 24,50,000/-
		Total Estimated Cost Of Part B	₹ 6,45,700/-	₹ 6,45,700/-
		Total Estimated Cost Of Part C	₹ 3,80,000/-	₹ 3,80,000/-
		Estimated Cost of Machinery (Part A + Part B + part c)	<b>34,75,700/-</b>	<b>34,75,700/-</b>
<b>Note :</b> 1. Above Pricing Is EX-FACTORY & EXCLUDING GST And Tax (GST 18 % EXTRA on all above items.) 2. Transportation to be borne by the client.				

## Terms & conditions:

- Prices are Ex-Works Noida, Uttar Pradesh.
- Delivery time – 35-40 Days from the date of Advance Payment.
- 40% Payment as Advance at the time of placing order
- 60% Remaining payment at the time of delivery or before dispatch. (Then Only tax invoice will be generated)
- Any Amendments or Items Decrement in this quotation will lead to Regeneration of quotation.
- The Machinery Carries One (01) Year on Site warranty from the Date of Dispatch.
- Warranty on the Induction motors will be void if Proper Electrical fittings are not done as per our specification. (Fittings like proper Motor Starter along with Phase Preventers)
- All Transportation Extra To be borne by Client
- Quotation will be Revised or Amended if Any item in the quotation is Removed or added (in that case, discount will also be revised).
- Hydraulic Oil is not included with the machine, have to buy separately from the machine.
- Production of the machine varies on the practical field as compared to theoretical calculations written on the specification file.

## Bank A/c Details:


**Bank Name :** HDFC Bank LTD.  
**Account Name :** J K TILES MACHINERY  
**Account No :** 50200092115339  
**Registered Mob No :** 7272830786  
**IFSC Code :** HDFC0004843



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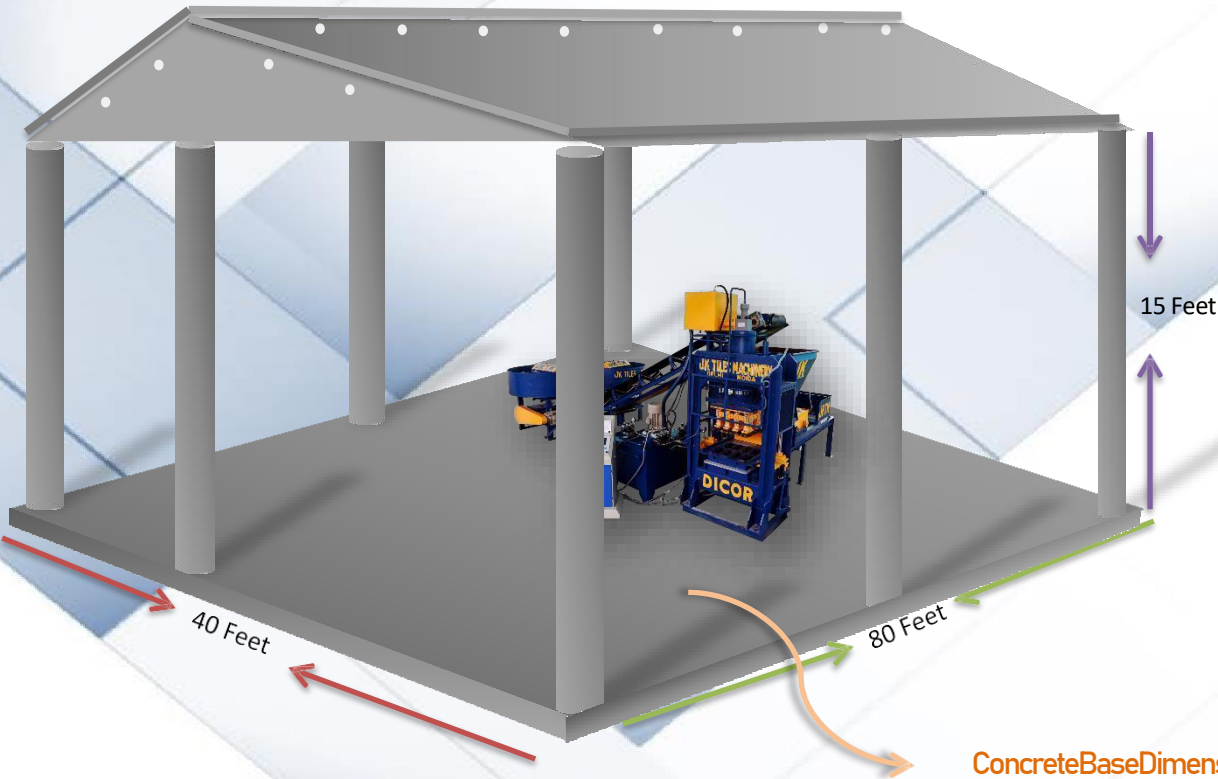
Requirement & Extra Needs

Extra need to Buy Or Arrange

	Recycle Ply Pallets	Bharat Recycle Pvc Ply sheet is generally used as Brick Pallets, It's Eco-Friendly Products because prepared from Plastic & wood Scrape Material.  600pcs. or more as per your requirement Size will be given after machinery Mfg. work start.	600 pcs.  Rate will be Extra
	Hydraulic Oil	450 Liters 68no. Hydraulic Oil	450 liters

Note: Hydraulic Oil & Recycle Ply Pallets should be buy from Locally Or We can Arrange but you need to pay extra charges.

Shade Area Complete Mapping



ConcreteBaseDimension( LXBXH):-

40' X60' X5"



# Main Features Of JKTM-FAT-2200

## EVEREST Fully Automatic Multi Hydro-Vibro

**1. Frequency Conversional Control Technology.** The Automatic Block Making Machine utilize the frequency conversion Control technology, Keeping the precise and parallel movement between tamper and mould and avoiding its deformation. With the frequency Controlled vibration, the product gives proper control on the immediate start and half of the motors, preventing the motor from overheating caused by long term operation. As the vibration efficiency increases, The production rate will rise correspondently. There is 30% power saved by the product under the frequency conversional Control.

**2. Double High Dynamic Directional Valves.** This automatic block making machine utilizes double proportional and directional Valves with high activity to regulate the oil flow and pressure automatically, protecting the hydraulic cylinder from being damaged, which plays a buffer role in the process of production. And this kind of design of machinery can ensure the stable production and prolong the lifetime of machine

**3. Wecon PLC Control System with Remote control feature.** Electrical system machinery equipped is Wecon PLC control System, touch screen and electrical components. The control system is of Easy operation and low failure ratio. The machinery is equipped with data input and output device and data formula function. The visualized touch screen is characterized by simple operation. The Wecon PLC control system has logic control and If any small problem occurs, Problem will be displayed on the touch screen automatically. All electrical components like contractors, relays, switches even buttons on Control Panel are from Standard Makes Which give high performance and

**4. Shaft Rotation & Compulsory Feeding** The Automatic block making Machine is designed with the feeding device rotating at high speed. The raw can be blended evenly to make the blocks with optimal density and intensity. with uniform feeding the product is available in utilization different raw materials and moulds. The feeding frame bottom plate & mixing blades are made of high-duty HARDOX Steel, which strengthens the sealing performance and prevent the material leakage. The discharging gate is controlled by feeder reverse/forward system.

**5. Heavy Duty Structure and wear resistance Moulds.** Heavy duty structure and wear resistance moulds adopts CNC & Wire Cutting to Make sure paver size accuracy. Carbon-dioxide welding for crack resistance with heat treatment and carburization, sand blasting and other machining Process. It becomes more robust and resistant to the frequent & strong vibrations. The hardness reaches up to HRC52. In addition to heat treatment, we use stress relief process as another protection to the moulds and the other main parts of the machine.

**6. High- Precision Guide Bearing & High Efficient Hydraulic System** High-Precision guide bearings are used to assure the precise movement between the temper head and the mould. Heavy duty machine frame uses high-intensity steel and advanced heat treatment for making wear resistance. The Hydraulic pump & valve are from international brand. Adopt high-dynamic Proportional valve and constant output pump to adjust the oil speed & pressure, With the features of high-stability, high-efficiency and energy-saving

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*Thanks.*

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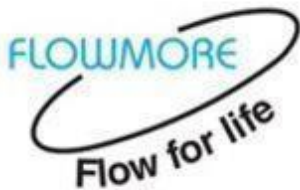


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Towards sustainable growth



**Dr. PATNAM MAHENDER REDDY**  
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