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**Trango Bricks**  
Private Limited

## Company Profile



### VISION

"We shall be the global leader and respectable engineering company Providing Turn-Key Projects & Equipment for Ceramics & Building Material Industries."

### MISSION

"Our Mission is to be globally the best value provider to our customers through leveraging technology and competencies."

"We shall achieve it by creating a culture of self-striving with focus on total employee involvement towards customer satisfaction. Our approach shall be value based as a responsible member of our focus industries and the society, contributing to its growth and development."

**TRANG** is the fastest growing engineering company and always plays an important Role in bringing globally the latest technology with a cost effective proposition always Working as a forward looking and innovative project partner for their customers.

**TRANG** Offers complete Plant, Equipment, Special Purpose Machine(SPM) Development for various ceramic industry segments like Sanitary Wares, Table wares, Tiles, Refractory Technical ceramics, Electro Porcelain Insulators, Heavy clay.

**TRANG** offers Turn-key Projects for Building material & construction industry segments like fly ash bricks, concrete blocks, pavers & tiles, Aerated autoclave blocks (AAC Blocks / Panels), Light Weight Aggregate (LWA / LDA), Thin Bed Mortar/Binder, Dry mix Mortar, Adhesive, Grouts, Green Sand, CSE (Compressed stabilized earth) Blocks.

**TRANG** also offer Briquette / Pallets manufacturing Plant from valuable waste like Iron & Alloy Steel Ores / Fines / Coal dust / ETP Sludge, BCG dust and all recycling waste.

**TRANG** operates from well equipped manufacturing facilities spread in 5 Mfg. units with 721,000 sq. ft. area with a customer friendly marketing team, Experienced Engineering & Design Team with utilizing advance design Engineering software together with modern methods of Quality Standards.

- Experienced professionals
- Strict quality standards
- Competitive prices
- Timely delivery
- Positive Records
- Wide distribution network
- Streamlined business operations



**Crompton**

**polyhydran**

**rexroth**  
A Bosch Company

**G**

**MDC**  
engine bearings

**YUKEN**

**Schindler**

**NTN SNR**

**ELECON**  
GEARING THE FUTURE

**Delta**  
CONTROLS

**JINDAL**  
STEEL & POWER

**SHREEJI MOTORS**

### Electric Equipments's/motor Details

Particular	Brand	H.P
VIBRATION Machine Power Pack Motor	Crompton	2
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	-
Roller Pan Mixure Machine	Crompton	5
Automatic Feeder Motor with Gear Box	Crompton	-
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		7



### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	4	480



### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	250 Kg
Out Side Diameter	4 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel



### Manual Machine All Specification:-

#### FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T3MM

Particular	Specification
Cylinder Pressure	Up to 70MT
Cylinder DIA	125*160MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	25 TO 30 SECOND
Oil Tank Capacity	200 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	-
Plate Dimension	-
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	-



#### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	5
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	-
Roller Pan Mixure Machine	Crompton	5
Automatic Feeder Motor with Gear Box	Crompton	-
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		10



#### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	300 Kg
Out Side Diameter	4 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	3	432

### Manual Machine All Specification:-

FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T6MM

Particular	Specification
Cylinder Pressure	Up to 70MT
Cylinder DIA	125*160MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	25 TO 30 SECOND
Oil Tank Capacity	200 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	-
Plate Dimension	-
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	-



### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	7.5
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	-
Roller Pan Mixure Machine	Crompton	5
Automatic Feeder Motor with Gear Box	Crompton	-
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		12.5



### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	300 Kg
Out Side Diameter	4 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel



### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	6	720



### Semi Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T4SM**

Particular	Specification
Cylinder Pressure	Up to 120MT
Cylinder DIA	150*180MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	300 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	18 feet long* 16" wide
Plate Dimension	12*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	7.5
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5
Automatic Feeder Motor with Gear Box	Crompton	-
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		17

### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	500 Kg
Out Side Diameter	5 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	4	720

### Semi Automatic Machine All Specification:-

#### FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T6SM

Particular	Specification
Cylinder Pressure	Up to 120MT
Cylinder DIA	150*180MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	300 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	18 feet long* 16" wide
Plate Dimension	12*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks



#### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	7.5
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5
Automatic Feeder Motor with Gear Box	Crompton	-
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		17



#### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	500 Kg
Out Side Diameter	5 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	6	1080



### Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T4SA**

Particular	Specification
Cylinder Pressure	Up to 120MT
Cylinder DIA	150*180MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	350 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	18 feet long* 16" wide
Plate Dimension	12*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	7.5
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		18

#### Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	500 Kg
Out Side Diameter	5 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	4	900



### Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T6SA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 120MT
Cylinder DIA	150*180MM
Main Technology	HYDRAULIC PRESSURE
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	350 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	18 feet long* 16" wide
Plate Dimension	12*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipments's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	10
Fully Auto Machine Vibration Motor	Crompton	-
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		20.5

#### Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	500 Kg
Out Side Diameter	5 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	6	1200



**Model - T4FA  
( 4 Brick Fully Automatic Machine)**

### Fully Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T4FA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 140MT
Cylinder DIA	150*200MM
Main Technology	HYDRAULIC PRESSURE+VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	400 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	24 feet long* 16" wide
Plate Dimension	16*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipments's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	10
Fully Auto Machine Vibration Motor	Crompton	2
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
<b>TOTAL HP</b>		<b>22.5</b>

#### Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	4	1000



### Fully Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T6FA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 140MT
Cylinder DIA	150*250MM
Main Technology	HYDRAULIC PRESSURE +VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	400 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	24 feet long* 16" wide
Plate Dimension	22*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipment's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	15
Fully Auto Machine Vibration Motor	Crompton	2
Conveyor Belt	Crompton	2
Roller Pan Mixer Machine	Crompton	7.5+7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydraulic Hose Pipe	Parker	
TOTAL HP		35

#### 2 Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	6	1440



**Model - T8FA  
( 8 Brick Fully Automatic Machine)**

### Fully Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T8FA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 140MT
Cylinder DIA	150*250MM
Main Technology	HYDRAULIC PRESSURE +VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	400 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	24 feet long* 16" wide
Plate Dimension	24*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

### Electric Equipments's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	15
Fully Auto Machine Vibration Motor	Crompton	2
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5+7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		35

### 2 Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	8	1920

### Fully Automatic Machine All Specification:-

#### FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T10FA

Particular	Specification
Cylinder Pressure	Up to 140MT
Cylinder DIA	150*250MM
Main Technology	HYDRAULIC PRESSURE +VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	400 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	24 feet long* 16" wide
Plate Dimension	26*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks



#### Electric Equipments's/motor Details

Particular	Brand	H.P
Manual Machine Power Pack Motor	Crompton	15
Fully Auto Machine Vibration Motor	Crompton	2
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5+7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		35

#### 2 Roller Pan Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel



#### Bricks Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Fly Ash Bricks		230*110*75MM	10	2400



**Model - T12FA**  
**( 12 Brick Fully Automatic Machine)**

### Fully Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T12FA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 140MT
Cylinder DIA	150*250MM
Main Technology	HYDRAULIC PRESSURE +VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	500 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	24 feet long* 16" wide
Plate Dimension	28*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipments's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	15
Fully Auto Machine Vibration Motor	Crompton	2
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5+7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		35

#### 2 Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	12	2880



**Model - T18FA  
( 18 Brick Fully Automatic Machine)**

### Fully Automatic Machine All Specification:-

#### **FLY ASH BRICKS MAKING MACHINE SPECIFICATION MODEL NO T18FA**

<b>Particular</b>	<b>Specification</b>
Cylinder Pressure	Up to 160MT
Cylinder DIA	180*250MM
Main Technology	HYDRAULIC PRESSURE+VIBRATION
Cycle Period	15 TO 18 SECOND
Oil Tank Capacity	500 Litre (68 no Hydraulic Oil)
Oil cooling System	Maintaining Pressure
Conveyor Belt	760 * 1000* 24 mm wide
Plate Dimension	28*24inch*18mm
Meter Gauge	For measuring actual pressure
Silicon Rubber Rising	For standard finishing of Bricks

#### Electric Equipments's/motor Details

<b>Particular</b>	<b>Brand</b>	<b>H.P</b>
Manual Machine Power Pack Motor	Crompton	15
Fully Auto Machine Vibration Motor	Crompton	3
Conveyor Belt	Crompton	2
Roller Pan Mixure Machine	Crompton	7.5+7.5
Automatic Feeder Motor with Gear Box	Crompton	1
Automatic Pallet Staker	Crompton	6
Hydraulic valve	Yuken/Rexroth	
Hydraulic Pump	Boss/Yuken	
Hydaulic Horse Pipe	Parker	
TOTAL HP		42

#### 2 Roller Pan Mixer Machine Technical Specification

<b>Particular</b>	<b>Specification</b>
Mixing Capacity	600 Kg
Out Side Diameter	6 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

#### Bricks Production Capacity With Size

<b>Particular</b>	<b>Image</b>	<b>Production Capacity</b>		<b>Bricks/Hr</b>
		<b>Size</b>	<b>Bricks</b>	
Fly Ash Bricks		230*110*75MM	18	3240

#### **1WEIGHT BEACHING PLANT**

3 BINE TYPE 5 CUBIC METER. HOPPER CONVEYOR TYPE BEACHING PLANT.0.5HP VIBRATING MOTOR NOS 2.FOR HOPPER VIBRATING P.L.C. BASED CONTROL PANEL AND AUTO WEIGHT LOAD CELL. LOAD CELL CONVEYOR SIZE 800MM\*10MM.28' CONVEYOR BELT.

#### **1SCRUM CONVEYOR**

A SCRUM CONVEYOR SIZE 150MM\*4000MM LENGTH .HOPPER STORAGE CAPACITY 10 B GG.2 HP MOTOR WITH STANDARD GEAR BOX. 0.25 HP VIBRATING MOTOR.

## Paver Making Machine All Specification:-

PAVER BLOCK MAKING MACHINE SPECIFICATION MODEL NO P2V

Particular	Specification
Vibration Frequency	2800 RPM
Vibrating Table Dimension	10/3 feet
Vibrating Table Sheet	8mm to 10mm
Paver Running Capacity	4 Pavers In One Row
Production Capacity with 2 Tables	4000 to 5000 Pavers In One Shift
Production Capacity with 1 Table	2500 to 3000 Pavers In One Shift
Vibrating Table Weight	500 kg
Electricity	3 Phase



### Electric Equipments's/motor Details

Particular	Brand	H.P
VIBRATING TABLE	SHREE JI	2+2
Concert Mixture (full bag cement mixing )	Crompton	5
Concert Mixture (half bag cement mixing )	Crompton	5
Colour Mixture (1 Beg of colour )	Crompton	2
PVC mould (Silicon Mixed)	Fill	-
Hardner And Shine Chemicals	Rapidash	
Yellow Oxide	German Driven	
Red Oxide	German Driven	
TOTAL HP		16

### Concrete Mixer Machine Technical Specification

Particular	Specification
Mixing Capacity	500 Kg
Out Side Diameter	5 feet
Cell Height	22 inch
Bottom Plate	15mm
Side Plate Thickness	4mm
Side Plate Liner Thickness	4mm
Channel Structure	100*50mm Channel

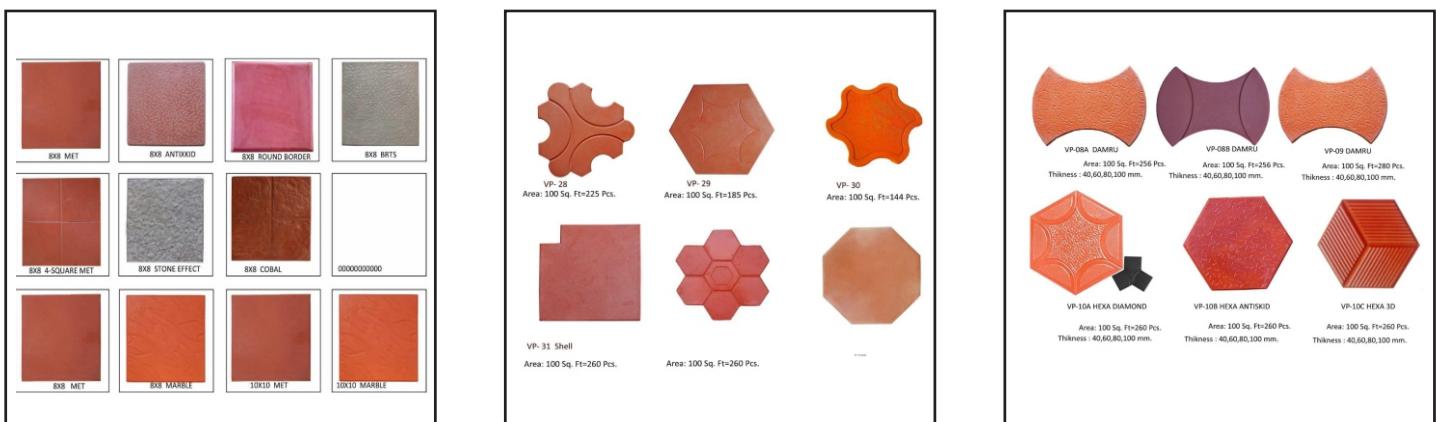
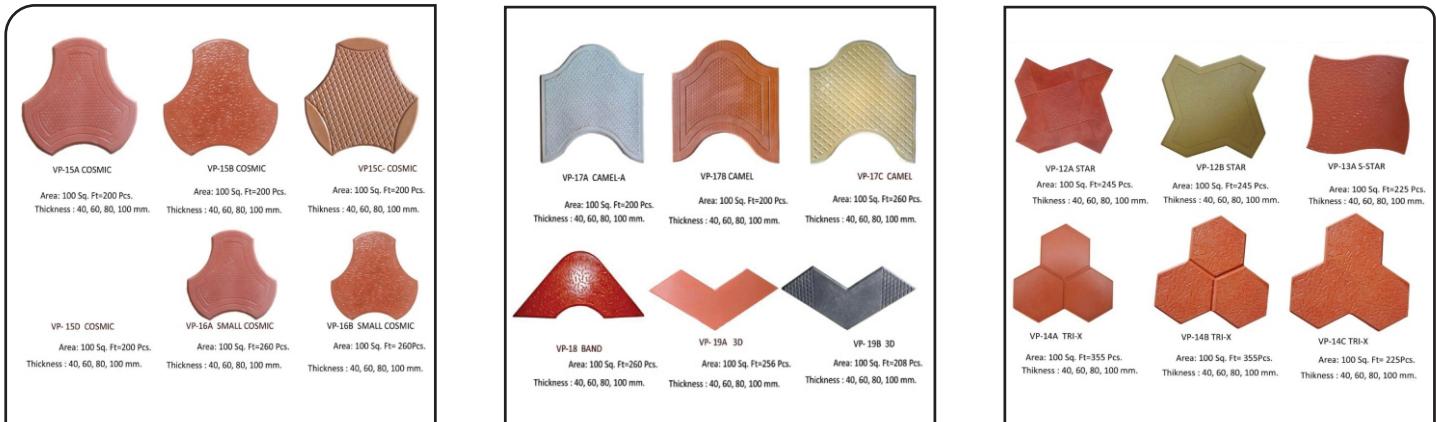


### Paver Block Production Capacity With Size

Particular	Image	Production Capacity		Bricks/Hr
		Size	Bricks	
Zig Zag Paver Block		60 to 80 MM		5000
I Shape Paver Block		60 to 80 MM		5000



## Paver Mould Designs





**Hydraulic Trolley**

\* Capacity : 700 kg.



**Manual Trolley**

\* Capacity : 400 Kg.

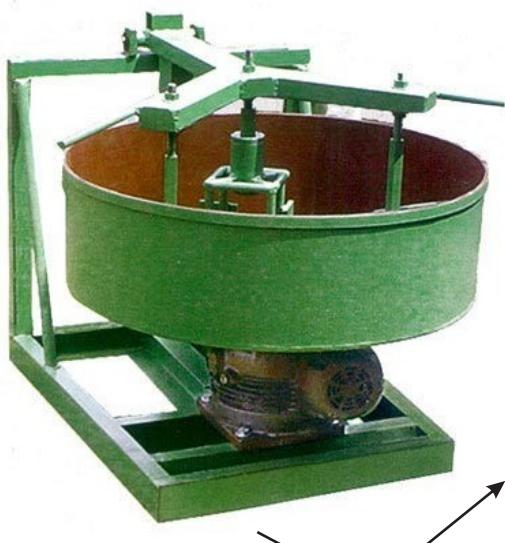
**Automatic Vibrator Machine**

- \* Production Capacity: 2000 to 5000
- \* Machine Size: 10ft x 3ft, 10ft x 2.5 ft
- \* Motor Capacity: 2HP



**Colour Mixer (Rabadi)**

- \* Capacity : 250 kg. Per Batch
- \* Power (Motor) : 2 HP for Mfg.
- \* Manufacturing : Mixing of Raw Materials Cement Concrete Mixing
- \* Mixing : By Heavy Hand Face Scrapers



**Pan Mixer**

- \* Capacity : 500 kg. Per Batch
- \* Power (Motor) : 5 HP
- \* Manufacturing : Mixing of Raw Materials fo Fly Ash Bricks and Second Layer of Paver Blocks.
- \* Materials Charge : Manual or Conveyor
- \* Discharge (Manual) : Bottom Door Opening
- \* Mixing : By Har Blades and Faced Scrapers



# CLC BRICK MAKING

Welcome to India's 1<sup>st</sup> CLC LIGHT WEIGHT BRICK MAKING MACHINES MANUFACTURING COMPANY We take the Pleasure of Introducing ourselves as the Pioneer & Leading Manufacturer of CLC

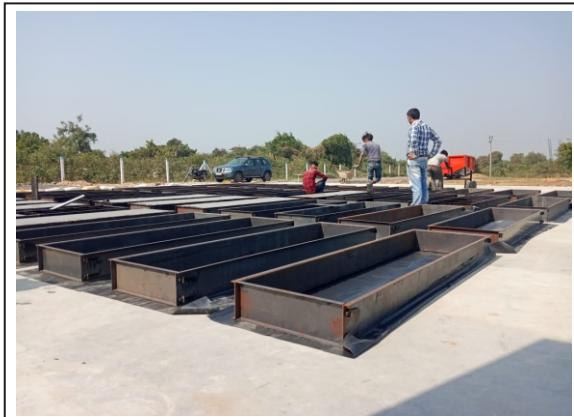
(Cellular Light Weight Concrete Technology) / Foam Concrete / Light Weight Brick Making Machines. We set-up CLC PLANTS (STEAM & WATER CURING) ranging from 10m<sup>3</sup> to 250m<sup>3</sup> Production Capacities with Very Less Investment and also in a Very Short Span.



## Raw Materials:

Water Curing: Cement, Fly Ash, Foam & Water  
 Steam Curing: Cement, Fly Ash, Lime, Foam & Water.  
 and can be used if Fly-Ash is not available and the fineness of sand should be less than 0.2mm (Only in case of Water Curing)  
 Production Cost: This is generally in between Rs. 1700 – 2200 / m<sup>3</sup> which include all the Raw Materials, Labour, Power &

Overheads. Market Price: This is generally in between Rs. 3000 – 4000 / m<sup>3</sup> which Includes / Excludes Transportation & Taxes Profit Margins: On an Average, there's profit margin of Rs. 800 – 1000 / m<sup>3</sup> and as per this calculations, Break- Even / ROI can be achieved as less as 3 to 4 months. Even if we take only 50 – 60% efficiency, Break - Even / ROI can be achieved in 6 to 8 Months. Curing: Bricks needs Curing and the options in CLC would be Steam Curing or Water Curing Steam Curing Plants are generally suitable for Higher Production Requirements where investment is high (when compared with Water Curing), Production Cost is Less, Labour is Less and Curing by Steam only for 8 Hours. Water Curing Plants are generally suitable for Lesser Production Requirements, Start Up Ventures, Existing Brick, Tile & Paver Block Manufacturers, Builders, Young Entrepreneurs, where Investment is Less and Curing by Water for 2 Weeks.



## Investment:

Nanolite through its continuous R & D, has developed latest equipment's with reduced Investment & Labor and provides scope to run the plant for 2 shifts a day without any additional investment.

# AAC Block Making Machine



Semi -Automatic AAC Plant 30m<sup>3</sup>/day

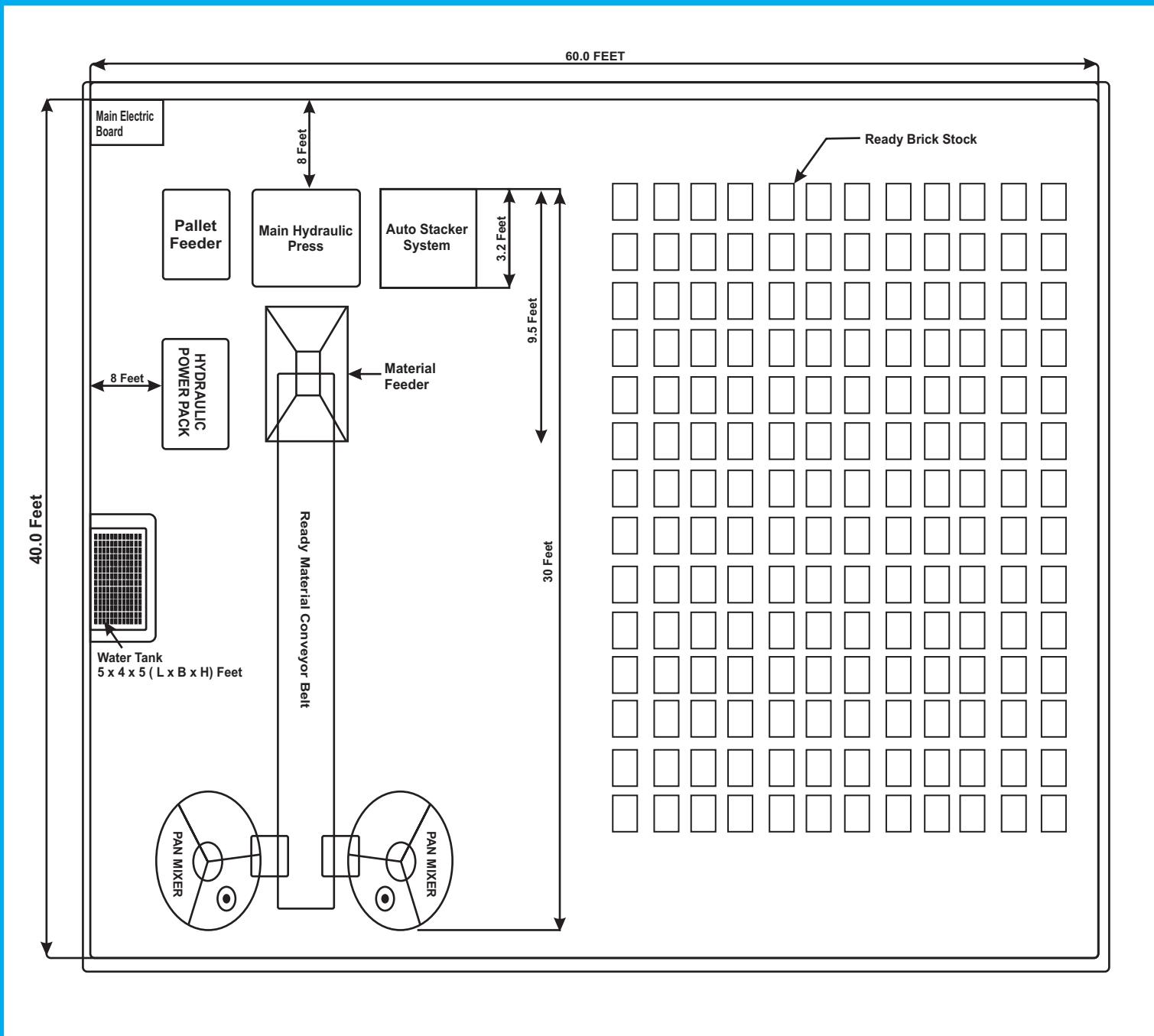
NO.	Device Name	Specification and Scope of Work	Power (kw)	Unit	Qty
<b>1 Raw material dealing and store process</b>					
<b>1.1 Pond Ash Section</b>					
1.1.1	Flyash Belt Conveyor	10000x 600 mm ,Belt 10 mm 3 Ply	0.75	set	1
1.1.2	Screen hopper (fine screen)			set	1
<b>Sub Total</b>					
1.3	Air Compressor	Receiver Tank 200 lts , Twin Cyclinder Reciprocating	4	Set	1
<b>Sub Total</b>					
<b>2 Material measure, batching , pouring process</b>					
2.1	Cement screw conveyer	LS.6000mm,Φ219mm (35t/h) Make Wam	5	set	1
2.2	Lime screw conveyer	LS.6000mm,Φ219mm (35t/h) Make Wam	5	set	1
2.3	Aluminium powder mixer	V=0.052m <sup>3</sup> , Discharge Valve point, Mounted in main pouring	0.75	set	1
		Heavy duty shell in 8 mm plate , Discharge valve point , temperature sensor V=1.2m <sup>3</sup>			
2.4	Slurry Pouring mixer	Φ200/100mm Actuator with FRL	12.5	set	1
2.5	Pneumatic butterfly	Φ200/100mm Actuator with FRL		set	1
2.6	Control Panel- Manual	L&T make Switchgear,Teknic			
2.7	Slurry scale with agitator			set	1
2.8	Weighing Scale	Capacity- 500kg,Load cell +Hopper		set	2
<b>Sub Total</b>					
<b>3 Pre-curing section</b>					
3.1	Mould transfer Trolley	2000m x2000m,		set	3
3.2	Mould box	Net size 1400x1200x600 mm		piece	15
3.3	Mould box plate	Net size 1400x1200		piece	30
<b>Sub Total</b>					
<b>4 Cutting process</b>					
4.1	Mould removal machine	Electrically operated semi-	1.5		1
	Cutting machines	Net size 1400x1200x600 mm,Two stage cutting with pneumatic wire			
4.2	Horizontal and Vertical		4.5	set	1
<b>Sub Total</b>					
<b>5 Autoclaving and curing process</b>					
5.1	Autoclave Loading Unloading Device	In bay and out bay Winch ( 5kw)	2.2	set	1
<b>Sub Total</b>					
NO.	Device Name	Specification and Scope of Work	Power (kw)	Unit	Qty
<b>6 Autoclaving device</b>					
6.1	Autoclave Dia 1.55 L 24M-Single Door	Φ1.55x24 Sheet 12 mm IBR Quality,Counter weight type Door System,100 % Xray tested Weld Joints- Pressure 13 kg, Temp 220 Deg C		set	1
6.2	Bridge Before and after autoclave	Transfer bridge before autoclave		set	1
<b>Sub Total</b>					
<b>PART 2 CAN BE GIVEN IN CLIENT SCOPE</b>					
<b>7 Boiler</b>					
7.1	Boiler host machine 17.5 kg @ 2 Tph	2 Ton, 1.6mpa	20	set	1
<b>Total Power Required</b>					
<b>Sub Total</b>					

## Recycled Plastic Sheet

Color	Rainbow
Features	Water Proof, Borer Proof, Fire Retardant, Easy Cutting, Nailing, Screwing, Long Life, Recyclable, Etc
Density	1.15 gm/cc
Usage	Portable Toilet & Cabins, Houses, Civil Work, Industrial Usage, Automobile, Furniture, Etc
Waterproof	Yes
Weight	Varies as per thickness
Application	Portable Toilet & Cabins, Houses, Civil Work, Industrial Usage, Automobile, Furniture, Etc
Dimension	8' x 4' or Custom Size
Thickness	5 to 30 mm
Material	Recycle Plastic



## Brick Manufacturing Unit Layout



### Terms and Conditions:-

1. Above price is exclusive of all taxes.
2. Tool kit free with machine.
3. 1 year Company Warranty on machine parts, the warranty doesn't cover accidental damages.
4. Payment Terms: 40% advance and 60% before shipment. No credit allowed.
5. Material used as per ISO and ISI Standard.
6. Delivery Time: 20 days from the day of order placed with advance.
7. This Quotation is valid for 30 Days .
8. 2 Free Service will be given but it will not include the cost of parts changed or extra work.
9. Visit Charge of our engineer for service is Rs 1000 visit after expire of warranty period. The party will also pay for the accommodation, travelling & fooding if the engineer has to say overnight for service matter.
10. Warranty on Motors, Selenite Switches, valves , sensors or any third party product shall be given by the manufacturing company not by us.
11. Transportation and Packaging Charges included.
12. Order Cancellation will attract a Penalty of 30% of total Quotation Value within a week of placing the order. No order will be cancelled Post 1 week of order Placement .

#### **Our Bank Details:**

Account Name: Trang Bricks Pvt Ltd  
Account Number: 302411100002227  
Bank & Branch: Union Bank Of India  
Ifs Code: UBIN0830241

Warm Regards  
From Trang Bricks Pvt Ltd



*Trang* Bricks  
Private Limited

Add:- Near Sai Apartment, New Pundag, Argoda Bypass Road (Ranchi) Near Blue Water Tank