



B & B Machines

Manufacturers of :

- ❖ Automatic Fly Ash Brick Machines
- ❖ Automatic Concrete Block Machines
- ❖ Interlock Paver Machines
- ❖ Interlock Fly Ash Block Making Machine
- ❖ CLC Block Machines
- ❖ Clay Brick Machines
- ❖ Lorry Weigh Bridges



S. Venkatesh D.M.E.,

Quality Policy

We, at B & B Machines are committed to manufacture in a professional way meeting customer requirements and enhance customer satisfaction through team work and continual improvement of quality management systems.

B and B Machines are eco friendly, unmatched Infrastructure of good quality @ affordable cost.



S. Shashidhar B.E.,

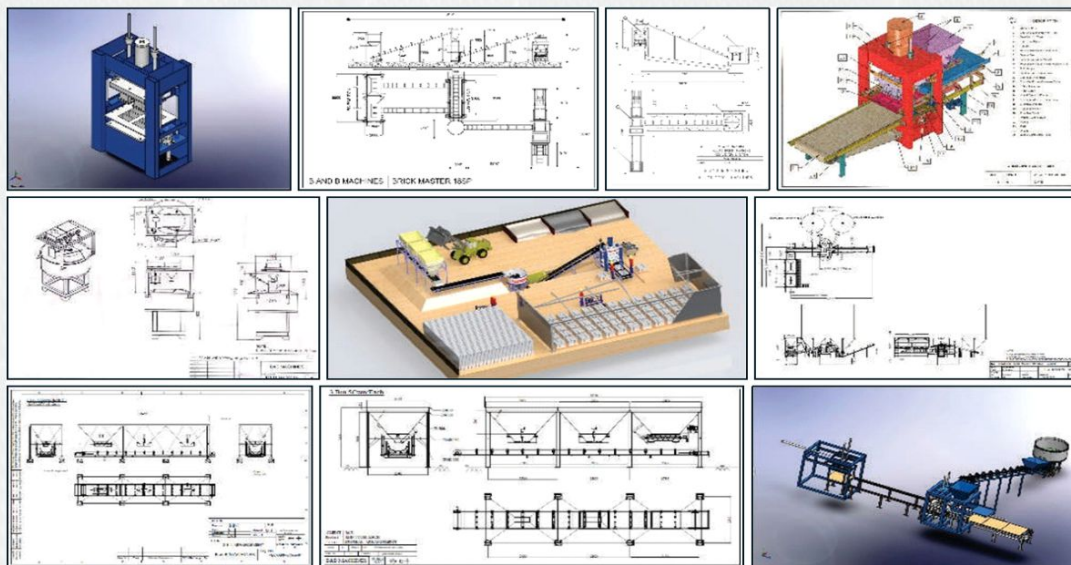
INTRODUCTION :

We, B&B Machines, Are Renowned Manufacturers And Exporters Of Industrial Machines. Our Product Range Includes Brick Making Machines And Weigh Machines. Having Started In 2000, In A Small Way, We Have Grown Through The Years To Become One Of The Leading Manufacturers In The Industry. Our Impeccable Range Of Products Is Appreciated For Its Construction, Performance And Long Lasting Features. These Are In Huge Demand In Several Brick Making Units And In Weigh Bridge Stations As It Delivers Optimum Performance To Meet The Requirements Of The Application They Are Required For.

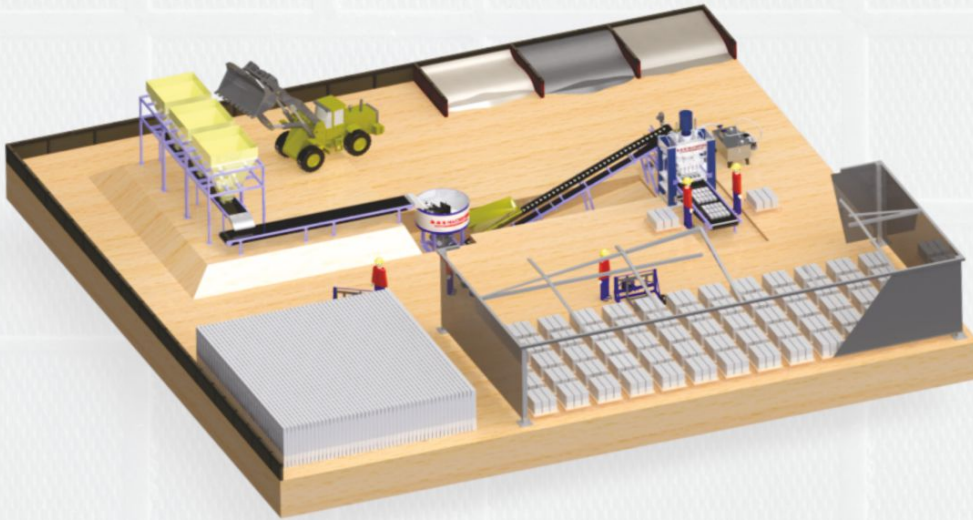
With Quality Being Our Hallmark We Have Focused On Presenting A Range That Is Completely Perfect And Accurate In Design. Our Machines Good Working Life And Are Easy To Maintain. Moreover, We Have Set Up The Most Advanced Infrastructure Facility That Meets International Standards To Make Our Products World Class. Further, Our Family Testing Unit Is Fully Equipped With All The Required Testing Facilities To Ensure That Our Product Meet All The Parameters Specified By The Industry. Thus, With An Eye On Research, We Have A Complete Research And Development Unit That Works In Co-Ordination With The Quality Unit And The Client To Improve Our Products Regularly And Maximize Customer Satisfaction.

Our CEO, Mr. Shashidhar And Anand Are The Men With Vast Experience And In Depth Knowledge Of The Industry His Passion And Sincerity Is A Role Model To Every Person In The Organization. With His Astute Business Sense And Good Management Skills He Has Been Able To Motivate The Team To Achieve The Organizational Goals Of Quality And Cost Effectiveness. Our Team Under His Leadership Is Ever Ready To Pave New Paths To Reach The Heights Of Success In The Industry.

Our Designs & Models :

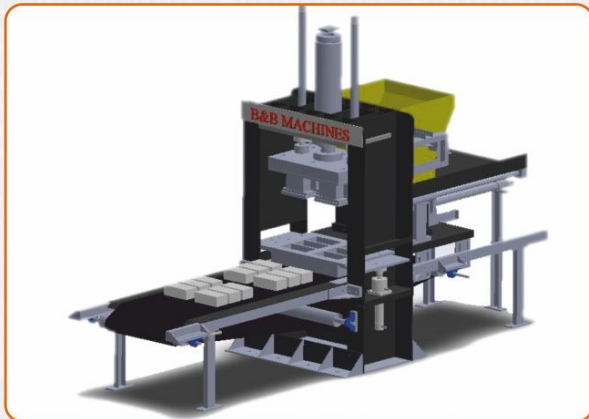


FULLY AUTOMATIC FLY ASH BRICK MAKING MACHINE



TYPES AUTOMATIC FLY ASH BRICK MAKING MACHINES:

Automatic 6 Brick Fly Ash Making Machine



S.No	SPECIFICATIONS
1	Power Hydraulic Motor -7.5 Hp.
2	Material Supply Conveyor -2 Hp.
3	Brick Delievery Conveyor -1 Hp.
4	Pan Mixture -10 Hp.
5	For Single Pan Mixer- V6 Gear Box.
6	Cycle Time – 16 Sec.
7	Operating Pressure – 150 Bar.
8	Operating Hudraulic Cylinder -6 Nos.
9	Hydraulic Oil Capacity – 210 Litres
10	Pan Mixture Capacity -250 Kilograms
11	Freefill Hydraulic Sydtem Used For Smoother Operation.

Automatic 8 Brick Fly Ash Making Machine

S.No	SPECIFICATIONS
1	Power Hydraulic Motor -7.5 Hp.
2	Material Supply Conveyor -2 Hp.
3	Brick Delivery Conveyor -1 Hp.
4	Pan Mixture -15 Hp.
5	For Single Pan Mixer-v7 Gear Box.
6	Cycle Time – 18 Sec.
7	Operating Pressure – 150 Bar.
8	Operating Hudraulic Cylinder -6 Nos.
9	Hydraulic Oil Capacity – 300 Litres
10	Pan Mixture Capacity -350 Kilograms
11	Freefill Hydraulic Sydtem Used For Smoother Operation.



BRICK MASTER 8 SP: 10000 NOS/ 8 HRS

Automatic 15 Brick Fly Ash Making Machine



BRICK MASTER 15 SP: 20000 NOS/ 8 HRS

S.No	SPECIFICATIONS
1	Power Hydraulic Motor -7.5 Hp.
2	Material Supply Conveyor -2 Hp.
3	Brick Delivery Conveyor -2 Hp.
4	Pan Mixture -15 Hp.
5	For Single Pan Mixer- V7 Gear Box.
6	Cycle Time – 20 Sec.
7	Operating Pressure – 150 Bar.
8	Operating Hudraulic Cylinder -6 Nos.
9	Hydraulic Oil Capacity – 450 Litres
10	Pan Mixture Capacity -500 Kilograms
11	Freefill Hydraulic Sydtem Used For Smoother Operation.

Automatic 18 Brick Fly Ash Making Machine

S.No	SPECIFICATIONS
1	Power Hydraulic Motor -20 Hp.
2	Material Supply Conveyor -2 Hp.
3	Brick Delivery Conveyor -2 Hp.
4	Pan Mixture -15 Hp.
5	For Single Pan Mixer- V9 Gear Box.
6	Cycle Time – 20 Sec.
7	Operating Pressure – 150 Bar.
8	Operating Hudraulic Cylinder -7 Nos.
9	Hydraulic Oil Capacity – 450Litres
10	Pan Mixture Capacity -700 Kilograms
11	Freefill Hydraulic Sydtem Used For Smoother Operation.



BRICK MASTER 18 SP: 25000 NOS/ 8 HRS

Automatic 24 Brick Fly Ash Making Machine

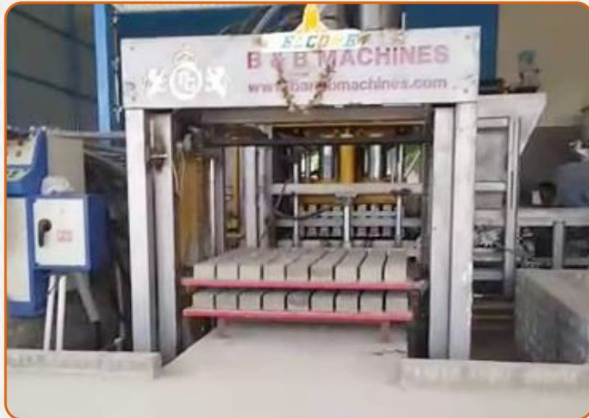


BRICK MASTER 24 SP: 35000 NOS/ 8 HRS

S.No	SPECIFICATIONS
1	Power Hydraulic Motor -7.5 Hp.
2	Material Supply Conveyor -2 Hp.
3	Brick Delivery Conveyor -2 Hp.
4	Pan Mixture -15 Hp.
5	For Single Pan Mixer- V9 Gear Box.
6	Cycle Time – 20 Sec.
7	Operating Pressure – 150 Bar.
8	Operating Hudraulic Cylinder -7 Nos.
9	Hydraulic Oil Capacity – 450 Litres
10	Pan Mixture Capacity -700 Kilograms
11	Freefill Hydraulic Sydtem Used For Smoother Operation.



Automatic 36 Brick Fly Ash Making Machine



S.No	SPECIFICATIONS	
1	Power Hydraulic Motor - 30 Hp.	
2	Material Supply Conveyor - 2 Hp.	
3	Brick Delivery Conveyor - 2 Hp.	
4	Pan Mixture - 30 Hp.	
5	For Single Pan Mixer- V9 Gear Box.	
6	Cycle Time – 22 Sec.	
7	Operating Pressure – 150 Bar.	
8	Operating Hydraulic Cylinder -8 Nos.	
9	Hydraulic Oil Capacity – 450 Litres	
10	Pan Mixture Capacity -750 Kilograms	
11	Freefill Hydraulic Sydtem Used For Smoother Operation.	

BRICK MASTER 36 SP: 40000 NOS/ 8 HRS

CONCRETE BLOCK MAKING MACHINES

Automatic 1060 R Concrete Block Making Machines

SINGLE VIBRATOR	Model 860 R	Model 1060 R
POWER	5 HP 3 PHASE	7.5 HP 3 PHSE
HYDRAULIC PUMP	3 HP 1440 RPM	5 HP
VIBRATOR MOTOR	1.5 HP 2800 RPM	2 HP
TRAVELING MOVING MOTOR	0.5 HP 1440 RPM	0.5 HP



AUTOMATIC CONCRETE BLOCK MAKING MACHINES



S.No	SPECIFICATIONS	
1	POWER RATING	24 HP 3 PHASE
2	RAM VIBRATOR	3 HP X 2 NOS
3	MOULD VIBRATOR	5 HP X 2 NOS
4	POWER PACK	7.5 HP
5	VIBRATION	6000 RPM
6	MOULDING AREA	500 TO 900 MM
7	PRODUCTION	50-60 DTROKES/ HOUR
8	BLOCK SIZES	16"X 8"X 8" 8 NOS/STROKE 16"X8"X6" 10 NOS/STROKE 16"X8"X4" 16 NOS/STROKE

BATTERY OPERATOR HYDRAULIC TROLLEY

We Are Making These Types Of Trolley For Smoothy Operation And Reduce The Manual Transportation Time Consumption Of Bricks From One Place To Another. It Can Carry More No Of Bricks Than Manual Transfer. It Consists Of A Hydraulic Setup For Loading And Unloading Of Bricks. Battery Setup Which The Electrical Energy Is Converted Into Rotary Motion To Move The Vehicle Forward. The Battery Distilled Water Must Be Changed For Every 15 Days For Better Performance.



SPECIFICATION

Load Carrying Capacity : 800 Kgs.
Battery Charge Indicator : 1nos.
Mileage : 60km (Full Charge).
Battery Capacity : 1080 80 R 3 NOS.
Platform Size : 8'x 4' & 6'x 4'.

SPECIFICATION

ECO BILL MINI
Used in Poultry farms & Egg Traders
Load Carrying : 800 Kgs
Mileage : 60km (Full charge)
Platform Size : 6' X 4'

MULTI MACHINE PAVER BLOCK MAKING MACHINES

Block Paving Also Known As Brick Paving Is A Commonly Used Decorative Method Of Creating A Pavement Or Hard Standing. The Concrete Paving Bricks Are A Porous Form Of Brick Formed By Mixing Small Stone Hardcore, Dyes, Cement And Sand And Other Materials In Various Amounts.

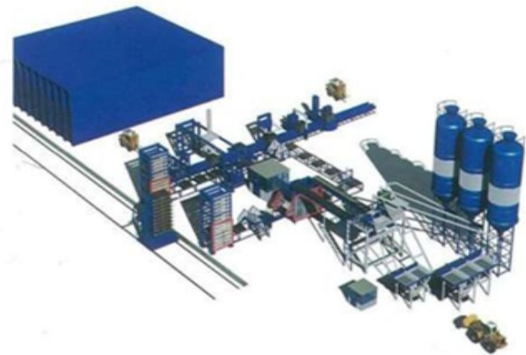
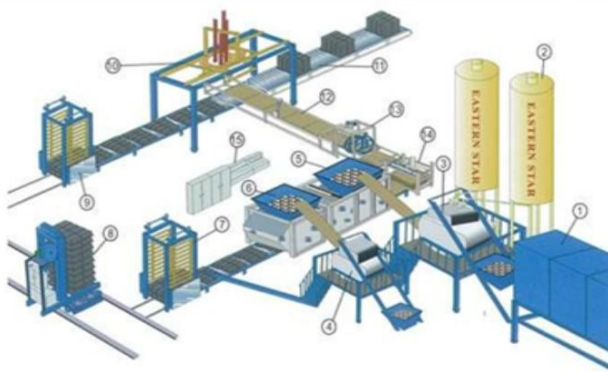
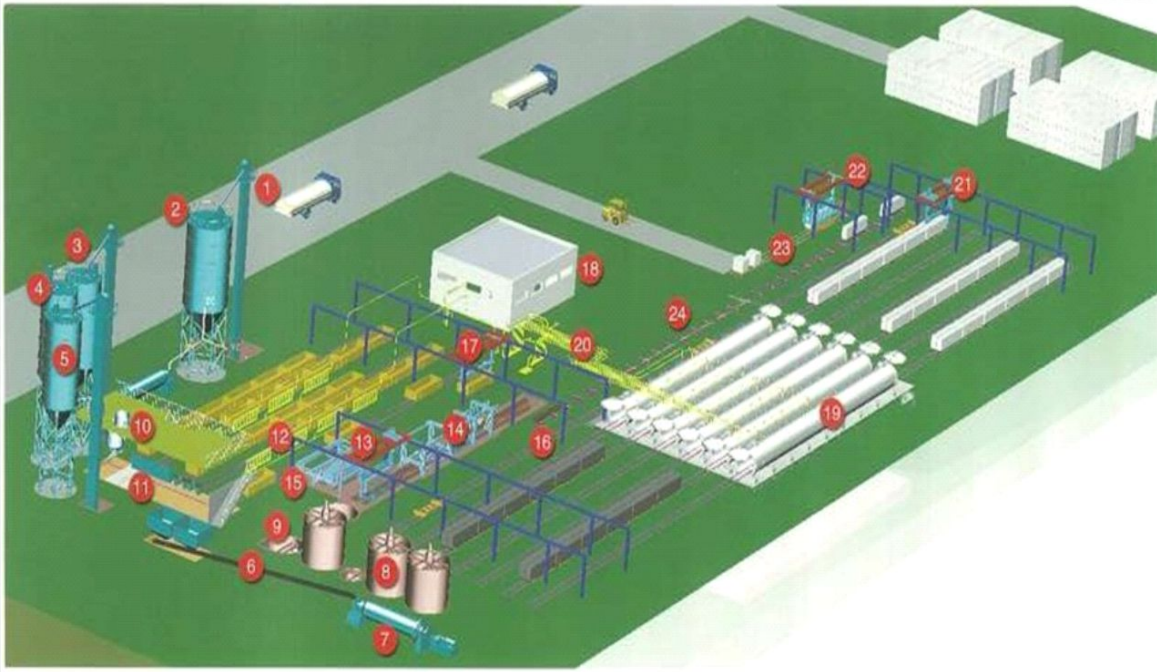


S.No	DESCRIPTION	SPECIFICATION/ POWER
1	VIBRO Table For Pavers	Frame -8mm Plate, Table Dimension -3000x820x8mm , Leg Dimension -100x100x5mm, SS202 Grade Strips (75x3mmx35mm Length) , Vibrator Motors – 2 HP
2	Color Mixer Machine (100 Kg)	Gear Box - VAV337, Motor – 2HP Shell – 8mm MS Plate
3	Concrete Mixer Machine (1Bag)	Motor – 5 HP/3 Phase

AAC PRODUCTION LINE

Introduction:

When You Think Of A City, The Next Thing Comes To Your Mind Is Buildings. Over These Years, We Have Come Up With Buildings Of Varying Shapes And Sizes And We Have Got Just Better At It. On One Side We Have Adapting Architectural Techniques And Tools To Construct Marvelous Buildings. We Are Also Enduring That The Material We Used Are Of The Topmost Quality. Now With The Technology Even The Most Fundamental Bricks And Cement Undergone A Sea Change. The Reason Is That We Have Pioneers In This Field With Vast Engineering Knowledge And Matchless Experiences To Help Us Make Most Marvelous Building Blocks And Other Materials.



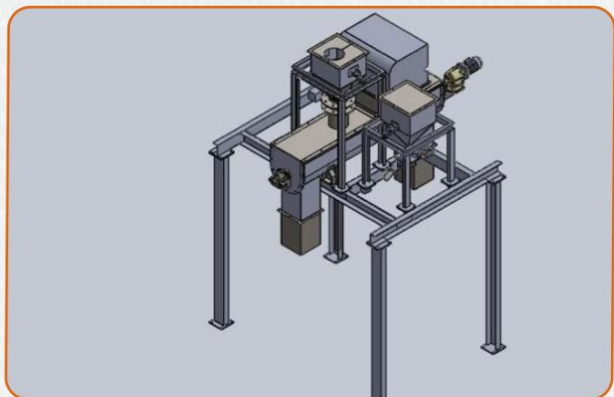
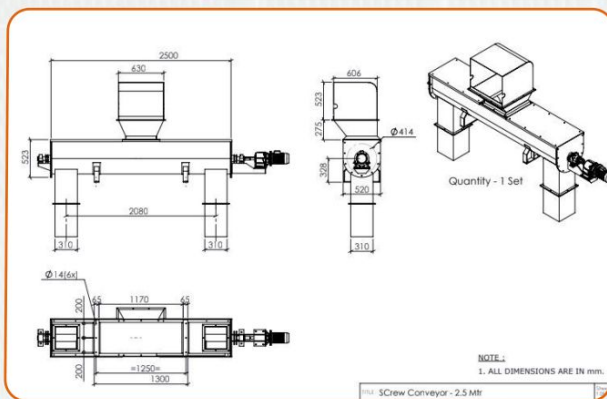
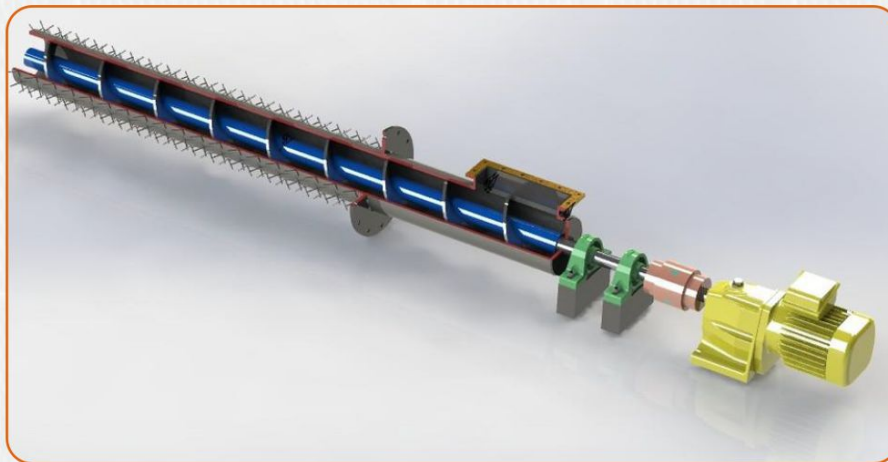
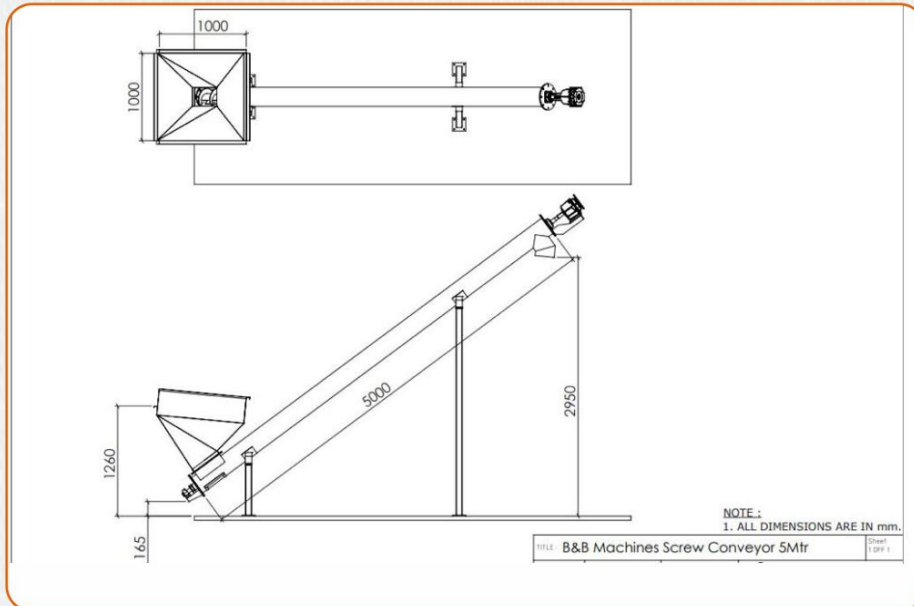
- 1 Automatic batching Plant
- 2 Cement Silo
- 3 Base Material Mixer
- 4 Color Material Mixer
- 5 Block Making Machine

- 6 Secondary Color Material Distributor
- 7 Elevator
- 8 Programmer-controlled Kiln Conveyor
- 9 Lowerator
- 10 Cuber

- 11 Hacking Roller Conveyor
- 12 Pallet Pusher
- 13 Pallet Overturning Device
- 14 Pallet Storage Device
- 15 PLC Control System

SCREW CONVEYOR

In Fly Ash Brick Making Machine The Screw Conveyors Are Used To Feed The Pan Mixer. It Carries The Material Used To Produce Fly Ash Bricks.



CLC BLOCK MAKING MACHINES

CLC Block Making Machines Produces CLC Blocks Are A Cement-Bonded Material Made By Blending Slurry Of Cement. Stable, Pre-Formed Foam Manufactured On Site Is Injected Into This Slurry To Form Foam Concrete. Stable, Pre-Formed Foam Manufactured On Site Is Injected Into This Slurry To Form Foam Concrete.



CLC-FA

S.No	DESCRIPTION	SPECIFICATION/ POWER
1	Concrete mixer	Standard
2	Foam generator	Standard
3	Batching capacity	1 m3
4	Digital weighing system	2 ton
5	Water discharging system	Standard
6	Tool Kit	Standard
7.	Control Panel	Standard
8	Compressor	5 HP

CLC-MOULD

S.No	DESCRIPTION	SPECIFICATION/ POWER
1	Sq Pipe	Standard
2	Plastic Sheet	4", 6", 8"
3	Partition Sheet	Standard

INTERLOCK BRICK MAKING MACHINE

The Interlocking Brick Making Machine Consists Of A Brick Forming Mould And A Vibration Unit Mounted On A Chassis. The Machine Can Make 44 Bricks At A Time In A Cycle Of 20 Minutes. Not Requiring A Hydraulic Press, This Machine Can Make Normal Bricks As Well By Simply Changing The Mould.



SPECIFICATION

Main Cylinder Size	Dia 100x70x650 Stroke 8"X5"X600 Mould
Door Cylinder	Dia 63x28x 165 Stroke 6"X5"X600 Mould
Load	11.5 Ton
Opp Pressure	150 Kg/Cm2
Speed Of Main Cylinder	Approach Speed - 135 mm/sec. Pressing Speed - 42 mm/sec.
Speed of Door Cylinder	320mm/sec at closing. 400mm/sec at opening.
Flow	Combined flow 64 lpm. Operating pressure - 150 Kg/Cm2.

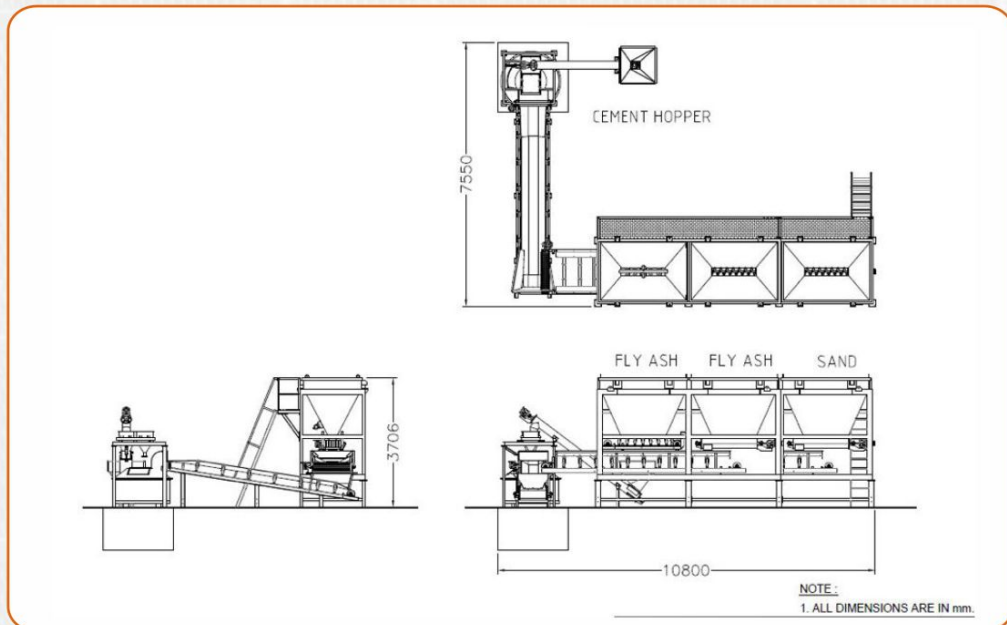
INTERLOCK BRICK MAKING MACHINE



Load Cell Is A Type Of Transducer Which Performs The Functionality Of Converting Force Into An Electric Output Which Can Be Measured. You Can Find Load Cell At The Heart Of Any Weighing Machine Or Electric Scales. This Type Of Transducer Is Highly Accurate Which Provides User With Required Information That Is Difficult To Obtain By Other Technology Owing To Certain Commercial Factors.

It Is Basically A Device That Measures Strain And Then Converts Force Into Electric Energy Which Serves As Measurement For Scientists And Workers. The Strain Measurement By Load Cells Helps In Maintaining Integrity Of The Unit Under Pressure And Protects People And Equipment Nearby.

AUTOMATIC BATCHING PLANTS



SPECIFICATION

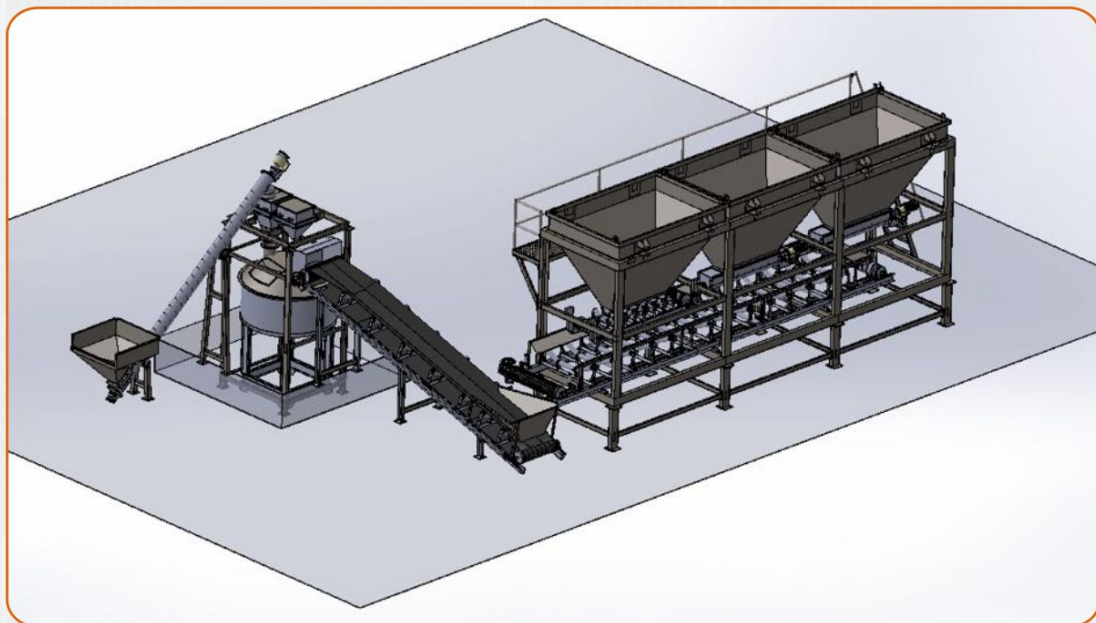
Bin Capacity – 2.5MT (Each)
 Bin Sheet Thickness – 5mm.
 Bin Size – 2500x1500x1500mm
 Bin Vibrator Motor – 1HP
 Weighting Conveyor – 1000mm X 4Ply

Weighting Conveyor Length – 7.8 Mts.
 Weighting Conveyor Motor – 1H.P
 Mixer Input Conveyor Size – 600mm X 4Ply
 Discharge Conveyor Length – 7 Mts.
 Discharge Conveyor Motor – 3H.P

- We Use MS Plates Of SAIL & JSW Make
- We Use MS Channels Are 4"X2" VIZAG
- Motors & Gear Boxes Used Are Transtech Gears Make.
- PLC Control Panel Is FATEK Make With Load Cell Controller.

PAN MIXER

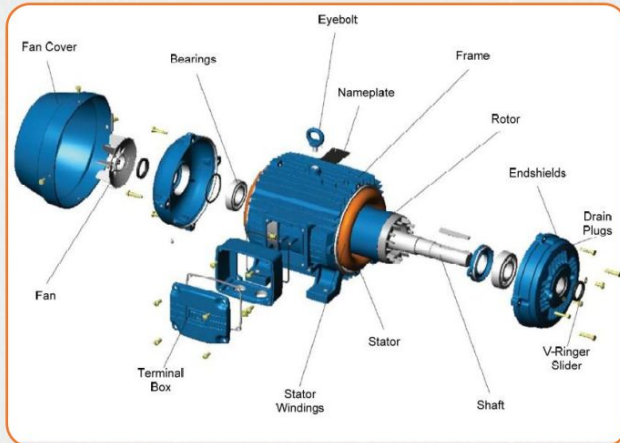
The Concrete Pan Mixer Machine Will Mix Material When It Rotates In A Clockwise Direction And Will Discharge Material When It Rotates In An Anticlockwise Direction. Pan Mixer Rotates Using Different Types Of Gear Boxes According To The Requirement. In Process Of Making Fly Ash Bricks The Pan Mixer Mix Fly Ash, Cement , Quicklime, Gypsum.



MOTORS & GEAR BOX

Worm reduction gear boxes upto 120 CD in single and double reduction models

Ratio:7.5 : 1 to 70 : 1 in single reduction and upto 40 : 1 in double reduction. Types: Under Driven, Over driven, Vertical output shaft mounted heavy duty stirrer gear boxes



SPECIFICATION		
	Gear box	Motor
1	V6 Gear Box For 250 Kg Pan Mixer 6sp Fly Ash Brick Making Machine	Hydraulic Motor- 7.5 Hp, Pan Mixer -10 Hp
2	V7 Gear Box For 350 Kg Pan Mixer 8sp Fly Ash Brick Making Machine	Hydraulic Motor- 7.5 Hp, Pan Mixer -15 Hp
3	V7 Gear Box For 500 Kg Pan Mixer 15 Sp Fly Ash Brick Making Machine	Hydraulic Motor- 15 Hp, Pan Mixer -15 Hp
4	V9 Gear Box For 700kg Pan Mixer 18 Sp Fly Ash Brick Machine	Hydraulic Motor- 20 Hp, Pan Mixer -15 Hp
5	V9 Gear Box For 700 Kg Pan Mixer 24 Sp Fly Ash Brick Machine	Hydraulic Motor- 20 Hp, Pan Mixer -15 Hp
6	V9 Gear Box For 750 Kg Pan Mixer 36 Sp Fly Ash Brick Machine	Hydraulic Motor- 30 Hp, Pan Mixer -30 Hp

BRICK BREAKER MACHINE

A Brick Breaker Machine Used For The Purpose Of Breaking The Bricks To Convert Into Sands Or Fly Ashes Whatever It Is Made Of For The Recycling The Sand And Use It Again For Making Bricks Are Other Materials. In Our Brick Making Machines There Are 3 Numbers Of Crushing Arms Used For Crush The Brick Into Fine Particles To Use It Again.



S.No	SPECIFICATION/ POWER	
1	Main Motor	5 Hp
	Crushing Arm	3 Nos
	Crushing Shaft	En8 Grade
	Body Frame Made Of Main Channel	12 Mm Thickness Plate
	Motor Pulley Size	8x2 B
	Mixing Shaft Pulley Size	10x2 B

SILO

Silo Is A Storage Device Which Is Used Store Cements , Dry Fly Ashes Sand Storage Silos Are Cylindrical Structures, Typically 10 To 90 Ft (3 To 27 M) In Diameter And 30 To 275 Ft (10 To 90 M) In Height With The Slipform And Jumpform Concrete Silos Being The Larger Diameter And Taller Silos. They Can Be Made Of Many Materials. Wood Staves, Concrete Staves, Cast Concrete, And Steel Panels Have All Been Used, And Have Varying Cost, Durability, And Air Tightness Tradeoffs. Silos Storing Grain, Cement And Woodchips Are Typically Unloaded With Air Slides Or Augers. Silos Can Be Unloaded Into Rail Cars, Trucks Or Conveyors.



BLOCKS SAMPLES & MOULDS:



B & B Machines

Regd Off : 4A, Sridevi Nagar, 3rd Street, Ganapathy,
Coimbatore- 641006.

Factory : 47D, Gas Godown Road, Chinnavesampatti,
Coimbatore -641006.

 0 98422 59966, 0 99449 59966

 Info@Bandbmachines.Com

 www.bandbmachines.com
www.flyashbricksmachines.com