



REXNEAR SYSTEMS



Manufacturers of :
Automatic Fly Ash Bricks Plant, Automatic Concrete Blocks
Plant, Concrete Pavers Blocks Machinery, Automatic
Material Batching & Feeding Systems, Automatic pallets
Stackers , etc....



About Us

REXNEAR SYSTEMS is Leading Manufacturing Company of various types of Plants & Machinery like Automatic Fly ash Bricks Plant, Automatic Concrete Block Plant, Paver Block Machinery. REXNEAR SYSTEMS offers the word class designs, Concepts & technologies with indigenous & economical proven solutions to provide client satisfaction through best quality production, timely delivery & service.

REXNEAR SYSTEMS Founded by Well Experienced Engineers

Mr. Navin Kumar Mishra

One of Founder of REXNEAR SYSTEMS is Mechanical Engineer having 21 years of experience in Design & Manufacturing of Plant and Machineries

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Mr. Ramendra Rajput

Second Founder of REXNEAR SYSTEMS is Mechanical and Automation Engineers having 10 years of experience in Hydraulics and Automation System

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REXNEAR SYSTEMS

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SEMI-AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 600

Production Capacity	4 Bricks Per Stroke / 500-600 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	50-55 MT with 1 HP Vibration System
Hydraulic Power Pack	250 Ltrs Powered by 5 HP Crompton Graves Motor
Pan Mixer	250 Kg Powered by 5 HP Crompton Graves Motor
Control penal	Fitted with switch gear and push Buttons
Total Power Consumption	11 HP (8 KW)
Brick Pallet Size	12 inch x24 inch 18 mm thickness
Labor Requirement	5-6 Labor
Shade Area Required	20 feet x30 feet minimum height 15 Feet



AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 800

Production Capacity	4 Bricks Per Stroke / 700-800 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	55-60 MT with 1 HP Vibration System
Hydraulic Power Pack	350 Ltrs Powered by 7.5 HP Crompton Graves Motor
Pan Mixer	350 Kg Powered by 7.5 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	15 Feet Powered by 1 HP Crompton Graves Motor
Total Power Consumption	18 HP (13.5 KW)
Brick Pallet Size	12 inch x24 inch 18 mm thickness
Labor And Shade Area Required	5-6 Labor, 30 feet x40 feet minimum height 15 Feet



AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 1000

Production Capacity	4 Bricks Per Stroke / 1000-1100 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	60-70 MT with 1 HP Vibration System
Hydraulic Power Pack	350 Ltrs Powered by 7.5 HP Crompton Graves Motor
Pan Mixer	350 Kg Powered by 7.5 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	15 Feet Powered by 1 HP Crompton Graves Motor
Total Power Consumption	18 HP (13.5 KW)
Brick Pallet Size	12 inch x24 inch 18 mm thickness
Labor And Shade Area Required	5-6 Labor, 30 feet x40 feet minimum height 15 Feet



AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 1500

Production Capacity	6 Bricks Per Stroke / 1500-1600 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	90-100 MT with 2 HP Vibration System
Hydraulic Power Pack	350 Ltrs Powered by 10 HP Crompton Graves Motor
Pan Mixer	500 Kg Powered by 10 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	20 Feet Powered by 2 HP Crompton Graves Motor
Total Power Consumption	25 HP (19 KW)
Brick Pallet Size	18 inch x24 inch 20 mm thickness
Labor And Shade Area Required	5-6 Labor, 40 feet x50 feet minimum height 15 Feet



AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 2000

Production Capacity	8 Bricks Per Stroke / 1800-1900 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	120-125 MT with 2 HP Vibration System
Hydraulic Power Pack	350 Ltrs Powered by 10 HP Crompton Graves Motor
Pan Mixer	350 Kg - 2 Pc Powered by 7.5 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	25 Feet Powered by 2 HP Crompton Graves Motor
Total Power Consumption	30 HP (23 KW)
Brick Pallet Size	24 inch x24 inch 20 mm thickness
Labor And Shade Area Required	6-7 Labor, 40 feet x50 feet minimum height 15 Feet



AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 2100

Production Capacity	10 Bricks Per Stroke / 1950-2050 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	125-130 MT with 2 HP Vibration System
Hydraulic Power Pack	350 Ltrs Powered by 10 HP Crompton Graves Motor
Pan Mixer	350 Kg - 2 Pc Powered by 7.5 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	25 Feet Powered by 2 HP Crompton Graves Motor
Total Power Consumption	30 HP (23 KW)
Brick Pallet Size	30 inch x24 inch 20 mm thickness
Labor And Shade Area Required	6-7 Labor, 40 feet x50 feet minimum height 15 Feet

AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX 3000

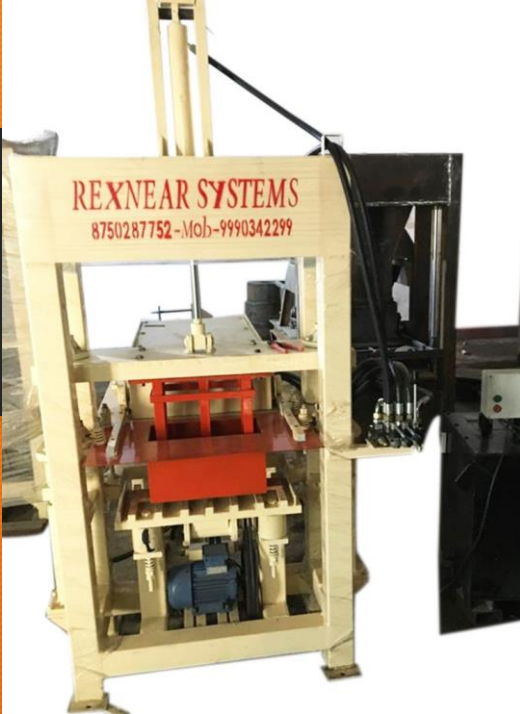


Production Capacity	12 Bricks Per Stroke / 2400-2500 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	150-160 MT with 3 HP Vibration System
Hydraulic Power Pack	400 Ltrs Powered by 15 HP Crompton Graves Motor
Pan Mixer	500 Kg - 2 Pc Powered by 10 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	25 Feet Powered by 2 HP Crompton Graves Motor
Total Power Consumption	42 HP (31.5 KW)
Brick Pallet Size	36 inch x24 inch 25 mm thickness
Labor And Shade Area Required	7-8 Labor, 50 feet x60 feet minimum height 15 Feet

AUTOMATIC FLY ASH BRICKS PLANT MODEL - REX KING

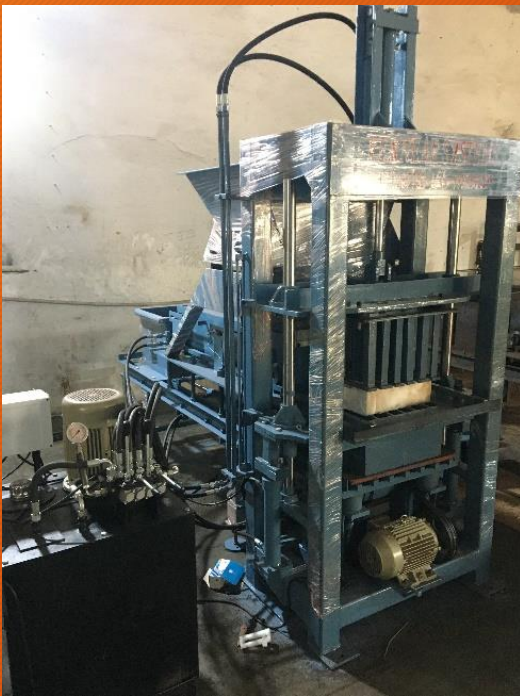


Production Capacity	18 Bricks Per Stroke / 3400-3500 Per Hour
Slandered Bricks Size	230x110x75 mm (Size option Available)
Pressing Capacity	240-250 MT with 3 HP Vibration System
Hydraulic Power Pack	400 Ltrs Powered by 15 HP Crompton Graves Motor
Pan Mixer	600 Kg - 2 Pc Powered by 15 HP Crompton Graves Motor
Control penal	PLC Based Control panel with Touch Screen Display
Conveyor System	25 Feet Powered by 2 HP Crompton Graves Motor
Total Power Consumption	52 HP (39 KW)
Brick Pallet Size	36 inch x36 inch 25 mm thickness
Labor And Shade Area Required	7-8 Labor, 50 feet x60 feet minimum height 15 Feet



SEMI-AUTOMATIC VIBRO COMPACTING TYPE BRICKS & BLOCKS PLANT MODEL - REX 600-VIBRO

Production Capacity	4 Bricks Per Stroke / 500-600 Per Hour Paver Block - 3 per Stroke/ 400-500 per Hour Hollow Block - 200x200x400 mm - 1 Block/stroke = 150 Blocks/Hour Hollow Block - 200x100x400 mm - 2 Block/stroke = 300 Blocks/Hour
Vibro Compacting System	Router Based Vibro System 4600 RPM Powered By 3 HP
Hydraulic Power Pack	250 Ltrs Powered by 5 HP Crompton Graves Motor
Pan Mixer	250 Kg Powered by 5 HP Crompton Graves Motor
Control Panel	Fitted with switch gear and push Buttons
Total Power Consumption	13 HP (10 KW)
Brick Pallet Size	12 inch x24 inch 18 mm thickness
Labor And Shade Area Required	5-6 Labor, 30 feet x40 feet minimum height 15 Feet



SEMI-AUTOMATIC VIBRO COMPACTING BRICKS & BLOCKS PLANT MODEL - REX 1200-VIBRO

Production Capacity	6 Bricks Per Stroke / 1200-1300 Per Hour Paver Block - 6 per Stroke/ 1200-1300 per Hour Hollow Block - 200x200x400 mm - 2 Block/stroke = 350 Blocks/Hour Hollow Block - 200x100x400 mm - 4 Block/stroke = 700 Blocks/Hour
Vibro Compacting System	Router Based Vibro System 4600 RPM Powered By 5 HP
Hydraulic Power Pack	250 Ltrs Powered by 5 HP Crompton Graves Motor
Pan Mixer	350 Kg Powered by 7.5 HP Crompton Graves Motor
Control Panel	Fitted with switch gear and push Buttons
Conveyor System	15 Feet Powered by 1 HP Crompton Graves Motor
Total Power And Brick Pallet Size	20 HP (15 KW), 18 inch x24 inch 18 mm thickness
Labor And Shade Area Required	6-7 Labor, 40 feet x50 feet minimum height 15 Feet

AUTOMATIC VIBRO COMPACTING TYPE BRICKS & BLOCKS PLANT

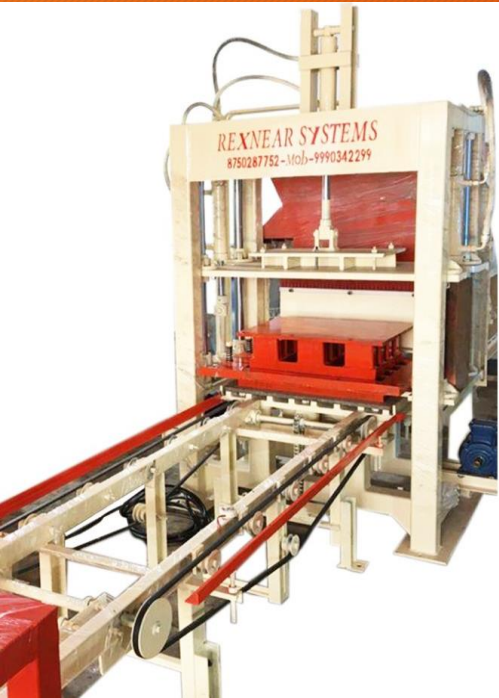
MODEL - REX 1400-VIBRO



Production Capacity	6 Bricks Per Stroke / 1400-1500 Per Hour Paver Block - 6 per Stroke/ 1300-1400 per Hour Hollow Block - 200x200x400 mm - 2 Block/stroke = 450 Blocks/Hour Hollow Block - 200x100x400 mm - 4 Block/stroke = 900 Blocks/Hour
Vibro Compacting System	Router Based Vibro System 4600 RPM Powered By 5 HP
Hydraulic Power Pack	350 Ltrs Powered by 7.5 HP Crompton Graves Motor
Pan Mixer	500 Kg Powered by 10 HP Crompton Graves Motor
Control Panel	PLC Based Control panel with Touch Screen Display
Conveyor System	20 Feet Powered by 2 HP Crompton Graves Motor
Total Power And Brick Pallet Size	26 HP (21 KW) , 18 inch x24 inch 20 mm thickness
Labor And Shade Area Required	6-7 Labor, 40 feet x50 feet minimum height 15 Feet

AUTOMATIC VIBRO COMPACTING BRICKS & BLOCKS PLANT

MODEL - REX 2500-VIBRO



Production Capacity	10 Bricks Per Stroke / 2000-2100 Per Hour Paver Block - 8 per Stroke/ 1600-1700 per Hour Hollow Block - 200x200x400 mm - 3 Block/stroke = 600 Blocks/Hour Hollow Block - 200x100x400 mm - 6 Block/stroke = 1000 Blocks/Hour
Vibro Compacting System	Double Router Based Vibro System 4600 RPM Powered By 5x5 HP
Hydraulic Power Pack	350 Ltrs Powered by 10 HP Crompton Graves Motor
Pan Mixer	350 Kg - 2 Pc Powered by 7.5 HP Crompton Graves Motor
Control Panel	PLC Based Control panel with Touch Screen Display
Conveyor System	25 Feet Powered by 2 HP Crompton Graves Motor
Total Power And Brick Pallet Size	39 HP (30 KW) , 30 inch x24 inch 25 mm thickness
Labor And Shade Area Required	6-7 Labor, 40 feet x50 feet minimum height 15 Feet

AUTOMATIC PALLETS STACKING SYSTEM



- The automatic brick stacker is used to carry bricks pallets from the machine and stack the pallets one upon to other pallets so, after that pallets can easily transported by using hydraulic trolleys to the ground.
- Stacker traveling powered by 1 HP three phase electric motor
- Hydraulic power pack driven by 2 Hp three phase electric motor

Automatic Pallet Moving Table

- Driven by 1 HP 3 phase electric motor
- Filled with v Belt and bearing Pully
- **Hydraulic Pallet truck**

AUTOMATIC BATCHING SYSTEM

- This System contains an automatic material Weighting and feeding automatically to the pan mixer, 3 bean batching system is provided.
- Conveyor for Material Weighting 600 mm x 20 feet powered by 3 hp motor
- Second conveyor for material feeding to mixer size 450 mm x 20 feet powered by 2 Hp motor
- Screw conveyor size 7-meter 168 mm Diameter provided for cement feeding powered by 7.5 HP motor, Cement is weighted in separate bucket the capacity of cement bucket is 120 kg.
- Air compressor is provided powered by 3 Hp Motor
- Total power consumption of Batching system is 16.5 HP (12 KW)



PAVER BLOCK MACHINERY TABLE VIBRATOR SET



Table vibrator Size (10X2.5) feet Heavy Duty Vibration System
Powered by 2 HP Motor



Heavy Duty Drum Type Concrete mixer 1 bag capacity
Powered by 3 HP Motor



Heavy Duty Color Mixer Powered by 2 HP motor



Best Quality Silicone plastic moulds



Best Quality
Chemical Hardener
250 KG Drum



Best Quality Oxide
colour Red 25 Kg
Bag



Best Quality Oxide
colour Yellow 25 Kg
Bag



Best Quality PVC Pallets Size 8x4 feet
Thickness 8 mm

EGGLAYING TYPE BLOCK MAKING MACHINE



BLOCK PER STROKE	BLOCK SIZE (400x200X200) MM - 4 Blocks /Stroke BLOCK SIZE (400x150X200) MM - 5 Blocks /Stroke BLOCK SIZE (400x100X200) MM - 8 Blocks /Stroke
OIL TANK CAPACITY	20 LITRES
HYDRAULIC MOTOR	3 HP
VIBRATION MOTOR	2 HP
TRAVELING MOTOR	0.5 HP
ELECTRICAL CONTROL PENAL	Push Button and switch gear
TOTAL POWER CONSUPTION	5.5 HP (4.5KW) 3 Phase

Rexnear Systems

Fly Ash Bricks/Concrete Block Machine Manufacturer

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