

# **BUILDWELL<sup>®</sup>**

*A new Environmental Concept...*

## **BRICKS-BLOCKS-PAVERS**

Making Automatic Plants

[www.buildwellindia.com](http://www.buildwellindia.com)



Leveraging to the expertise in Flyash Technology, **SAHJANAND FLYASH BRICKS PLANT PVT. LTD.** has swiftly made its way to become the leader in the field of fully Automatic fly Ash Brick Making Machine - Color Paver Machine - Block Making Machines. Being an ISO 14001:2004 / 9001:2008 Certified Organization, the Company is committed to Deliver the excellence in form of its Machines. Based in Gujarat, the company is known as the prime Manufacturer, Exporter and Supplier in India and abroad. In the period of 26 years, we have established our clientele all across Globally. We have appointed region wise Distributors for providing the reliable After Sales, Service and authorized Spare Parts for the better servicing to our clients. This way, we have carved a niche for ourselves in the global industry.

‘**BUILDWELL**’ a Milestone name in Indian Machinery Manufacturers of FLYASH BRICKS - BLOCKS - PAVERS MAKING AUTOMATIC Plants by **SAHAJANAND FLYASH BRICKS PLANT PVT. LTD.** located in **BHUJ - GUJARAT**. We have expertise in Machineries considered for **GREEN HOUSING PROJECTS** worldwide. It is one of the key factor supporting us that, we also manufacture BRICKS - BLOCKS and PAVERS at our unit and also proud to be a largest unit of Gujarat.



**Machineries Range for Green Building Projects :-** Today environmental concerns have with all the matter of Worries and have entered realm of our daily experiences. Scorching heat trapped in concrete jungle or seeming unbalanced seasons brings green house effects live to us. Our next Generation will no more hear singing sparrows. Never in the past there has been such an alarming need to be proactive. Fortunately, there seems to be positive response to this call from all walks of society. SUSTAINABILITY has become the key word cutting across our decisions as a consumer or user. The entire world has been alarmed against GLOBAL WARMING Issue. ‘**BUILDWELL**’ product range starts from MANUAL VIBROPRESS - SEMI HYDRAULIC PRESS - SEMI AUTOMATIC HYDRAULIC PLANT and FULLY AUTOMATIC BRICK MAKING PLANT. With our specialization in this production line, we have very carefully applied our expertise for its Trouble free operation of Machines. ‘**BUILDWELL**’ Machines are specially designed beginning from feeding of Raw Material to getting out final product Green Bricks.

**The Complete Machine unit contains :** Specially designed Hydraulic Hopper attached with Pan Mixer, which keeps Raw Material ready when Mixing process is going on with Pan Mixer and with that Hopper, Mixing Material will put down to the Pan Mixer together and that will save timing for Mixing Process and supply ready Mixed Material stored with overhead Material Feeder Box to Brick Press, Resulting, uninterrupted mixed Material flow for the Bricks Casting. We provide Civil Drawing and layout plan to the customers in advance with the confirmation of placing the order, for installation and erection of machine accurately.

We provide training to our valued client for operation, maintenance and optimum use of Machine at our factory unit in BHUJ - GUJARAT.





**Mr. RAJESH BHATT: MD.** Looking after Administration & Finance Dept. of the Company. He is having experience of 12 years service as the Manager in DENA BANK. Presently , he is the President, THE CHAMBER OF COMMERCE & INDUSTRY KUTCH. Also been invited by NTPC for sharing expertise on FLYASH UTILIZATION. For continuous Business development he visits USA , UK, Canada, Oman, Bahrain and Dubai.



**Mr. NILESH BHATT: Director.** Founder of the Company and by his vast experience and innovative thinking on marketing , has always boost the company to grow. He is being invited to share his expertise of company products to other nations in various seminars and exhibitions arranged by Govt. of India. Ministry of Housing and Urban Development sponsored our company and Mr. Nilesh represented at Italy, Kenya and South African countries.



**Mr. NIKUNJ BHATT: Director.** Technical Director, a civil engineer by Degree, looking after the entire machine production unit. He continuously makes research and development in machine production to make them working more efficient and hassle free . He handles multi skilled concept works viz. civil, mechanical and electrical engineering. BUILDWELL® Bricks - Blocks - Pavers making Automatic Machines consist all engineering jobs together implemented by him.



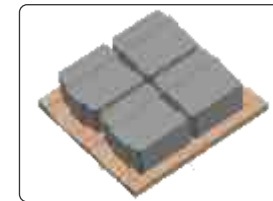




**TECHNICAL SPECIFICATION OF BW-212(3in1) SEMI AUTOMATIC MACHINE**

| Electric Power         |              | Labour                                     |                        |
|------------------------|--------------|--------------------------------------------|------------------------|
| Main Press             | 5 HP, 3 Ph   | Skilled                                    | 2 Nos.                 |
| Vibrators              | 2 HP, 3 Ph   | Un Skilled                                 | 8 Nos.                 |
| Conveyor               | 2 HP, 3 Ph   | Production Capacity                        | 5000 per shift         |
| Pan Mixer              | 5 HP, 3 Ph   | Shed Size                                  | 15' X 30' X 15' Height |
| Total HP               | <b>14 HP</b> | Land Require                               | 2000 Sqmt              |
|                        |              | *(230 X 110 X 75, 250 X 120 X 75)/6 BRICKS |                        |
| Bricks size per Stroke |              | *(190 X 90 X 90, 200 X 95 X 100)/8 BRICKS  |                        |
|                        |              | *230 X 150 X 80/4 BRICKS                   |                        |

**BW-212(3in1)**



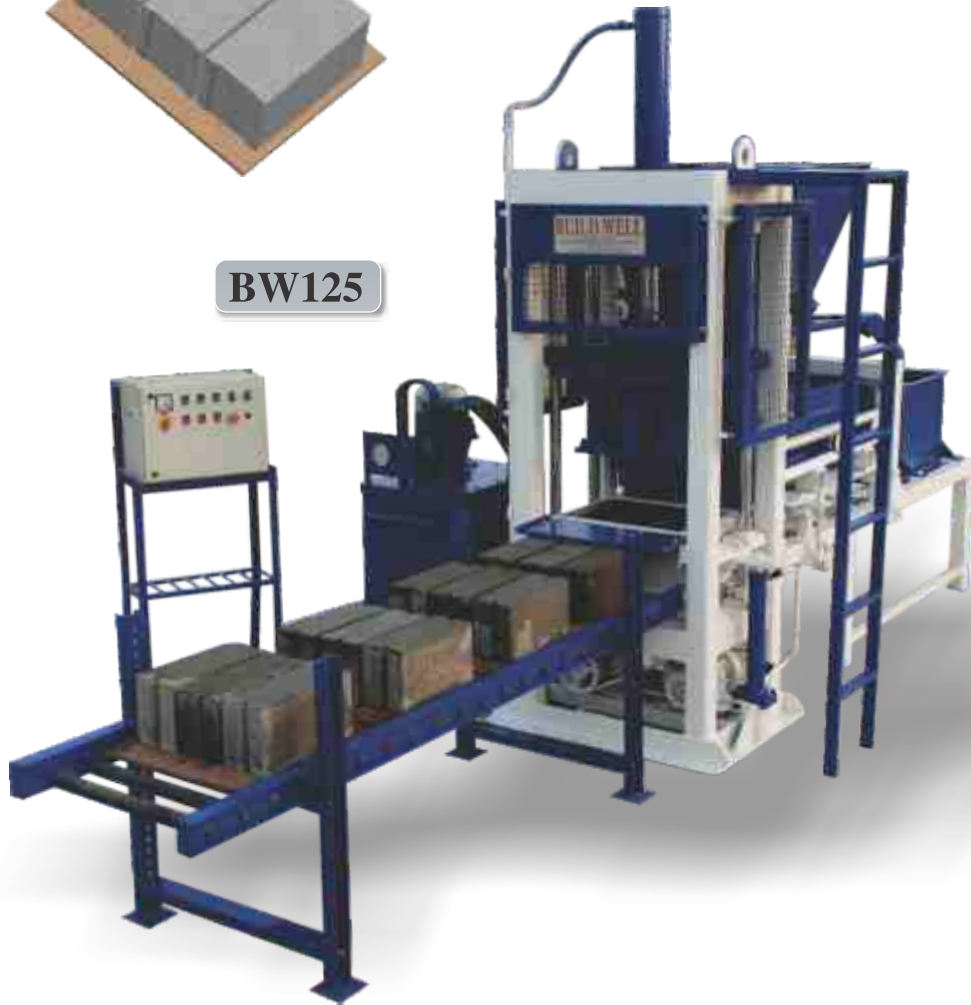
**BW118**

**TECHNICAL SPECIFICATION OF BW-118 (6 BRICKS)**

| Electric Power         |                         | Labour                                     |                           |
|------------------------|-------------------------|--------------------------------------------|---------------------------|
| Main Press             | 10 HP, 3 Ph             | Skilled                                    | 2 Nos.                    |
| Vibrators              | 2 HP, 3 Ph + 0.5 HP 3Ph | Un Skilled                                 | 8 Nos.                    |
| Conveyor               | 2 HP, 3 Ph              | Production Capacity                        | 6000 to 7000 Bricks/Shift |
| Pan Mixer              | 7.5 HP, 3 Ph            | Shed Size                                  | 15' X 30' X 15' Height    |
| Total HP               | <b>21 HP</b>            | Land Require                               | 2000 Sqmt                 |
|                        |                         | *(230 X 110 X 75, 250 X 120 X 75)/6 BRICKS |                           |
| Bricks size per Stroke |                         | *(190 X 90 X 90, 200 X 95 X 100)/8 BRICKS  |                           |
|                        |                         | *230 X 150 X 80/4 BRICKS                   |                           |



**BW125**



**BW113**





\*(230 X 110 X 75, 250 X 120 X 75)/6 BRICKS



\*(190 X 90 X 90, 200 X 95 X 100)/8 BRICKS



**TECHNICAL SPECIFICATION OF BW-117 (6 BRICKS)**

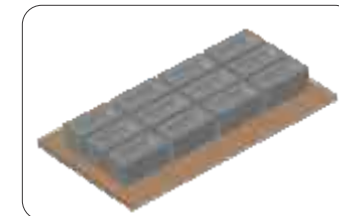
| Electric Power              |                         | Labour                                        |                        |
|-----------------------------|-------------------------|-----------------------------------------------|------------------------|
| Main Press                  | 10 HP, 3 Ph             | Skilled                                       | 2 Nos.                 |
| Vibrators                   | 2 HP, 3 Ph + 0.5 HP 3Ph | Un Skilled                                    | 10 Nos.                |
| Conveyor                    | 2 HP, 3 Ph              | Production Capacity                           | 10,000 Bricks/Shift    |
| Pan Mixer                   | 15 HP, 3 Ph             | Shed Size                                     | 15' X 60' X 15' Height |
| Hydraulic Hopper Power pack | 2 HP, 3 Ph              | Land Require                                  | 3500 Sqmt              |
| Total HP                    | 32 HP                   |                                               |                        |
| Bricks size per Stroke      |                         | *(230 X 110 X 75, 250 X 120 X 75)/6 BRICKS    |                        |
|                             |                         | *(190 X 90 X 90, 200 X 95 X 100)/8 BRICKS     |                        |
|                             |                         | *(230 X 150 X 80 & INTERLOCK BRICKS)/4 BRICKS |                        |

**TECHNICAL SPECIFICATION OF BW-120 (9 BRICKS)**

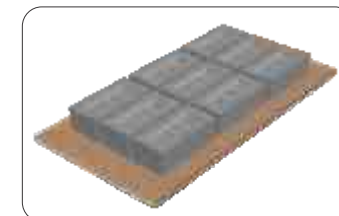
| Electric Power              |                         | Labour                                     |                        |
|-----------------------------|-------------------------|--------------------------------------------|------------------------|
| Main Press                  | 15 HP, 3 Ph             | Skilled                                    | 2 Nos.                 |
| Vibrators                   | 2 HP, 3 Ph + 0.5 HP 3Ph | Un Skilled                                 | 12 Nos.                |
| Conveyor                    | 2 HP, 3 Ph              | Production Capacity                        | 18,000 Bricks/Shift    |
| Pan Mixer                   | 25 HP, 3 Ph             | Shed Size                                  | 20' X 60' X 15' Height |
| Hydraulic Hopper Power pack | 2 HP, 3 Ph              | Land Require                               | 5500 Sqmt              |
| Total HP                    | 47 HP                   |                                            |                        |
| Bricks size per Stroke      |                         | *(230 X 110 X 75, 250 X 120 X 75)/9 BRICKS |                        |
|                             |                         | *(190 X 90 X 90, 200 X 95 X 100)/12 BRICKS |                        |
|                             |                         | *230 X 150 X 80/6 BRICKS                   |                        |

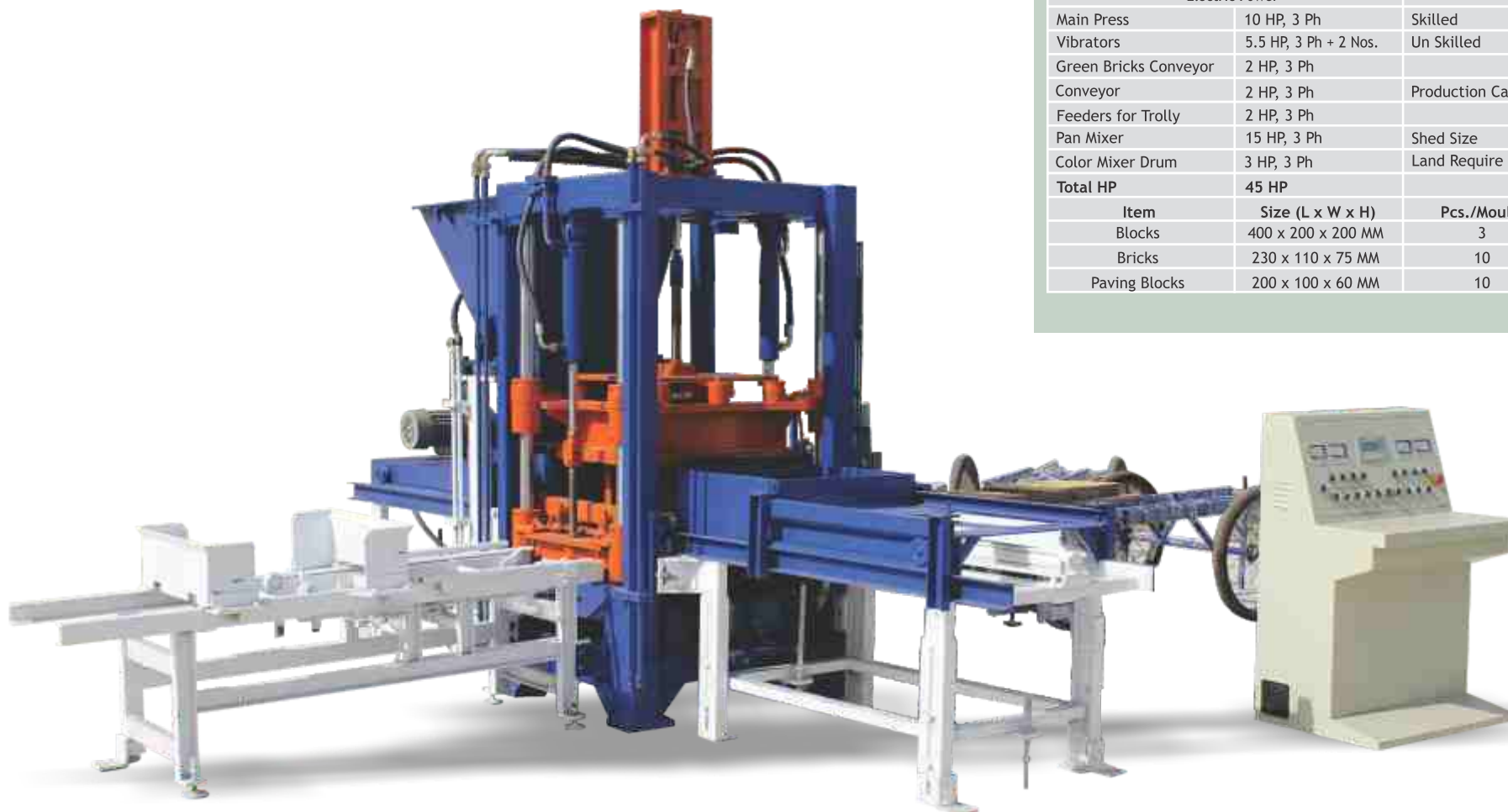


\*(190 X 90 X 90, 200 X 95 X 100)/12 BRICKS



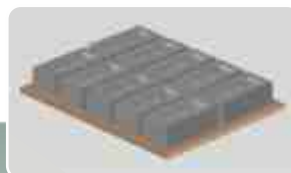
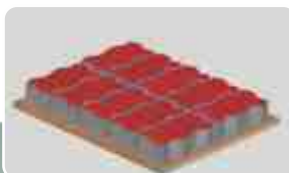
\*(230 X 110 X 75, 250 X 120 X 75)/9 BRICKS





**TECHNICAL SPECIFICATION OF BW-119 (BRICKS-BLOCK AND PAVER)**

| Electric Power        |                       | Labour              |                     |
|-----------------------|-----------------------|---------------------|---------------------|
| Main Press            | 10 HP, 3 Ph           | Skilled             | 2 Nos.              |
| Vibrators             | 5.5 HP, 3 Ph + 2 Nos. | Un Skilled          | 12 Nos.             |
| Green Bricks Conveyor | 2 HP, 3 Ph            |                     |                     |
| Conveyor              | 2 HP, 3 Ph            | Production Capacity | 15,000 Pavers/Shift |
| Feeders for Trolly    | 2 HP, 3 Ph            |                     |                     |
| Pan Mixer             | 15 HP, 3 Ph           | Shed Size           |                     |
| Color Mixer Drum      | 3 HP, 3 Ph            | Land Require        | 5000 Sqmt           |
| <b>Total HP</b>       | <b>45 HP</b>          |                     |                     |
| Item                  | Size (L x W x H)      | Pcs./Mould          | Pcs./Shift          |
| Blocks                | 400 x 200 x 200 MM    | 3                   | 4,500               |
| Bricks                | 230 x 110 x 75 MM     | 10                  | 18,000              |
| Paving Blocks         | 200 x 100 x 60 MM     | 10                  | 15,000              |







**TECHNICAL SPECIFICATION OF BW-130 (12 BRICKS)**

| Electric Power                             |                         | Labour              |                         |
|--------------------------------------------|-------------------------|---------------------|-------------------------|
| Main Press                                 | 20 HP, 3 Ph + 3 Hp 3Ph  | Skilled             | 2 Nos.                  |
| Vibrators                                  | 6 HP, 3 Ph + 0.5 HP 3Ph | Un Skilled          | 12 Nos.                 |
| Conveyor                                   | 3 HP, 3 Ph              | Production Capacity | 25,000 Bricks/Shift     |
| Pan Mixer                                  | 25 HP, 3 Ph             | Shed Size           | 50' X 100' X 15' Height |
| Hydraulic Hopper Power pack                | 2 HP, 3 Ph              | Land Require        | 2 Acer                  |
| <b>Total HP</b>                            | <b>60 HP</b>            |                     |                         |
| *230 X 110 X 75/12 BRICKS WITH FROG        |                         |                     |                         |
| *230 X 110 X 75/18 BRICKS WITHOUT FROG     |                         |                     |                         |
| *250 X 120 X 75 - 10 BRICKS                |                         |                     |                         |
| *(190 X 90 X 90, 200 X 95 X 100)/16 BRICKS |                         |                     |                         |
| *230 X 150 X 80/8 BRICKS                   |                         |                     |                         |



**Fully Automatic Plant**



**TATA**  
**TATA STEEL**

**ESSAR**  
ESSAR STEEL LTD.

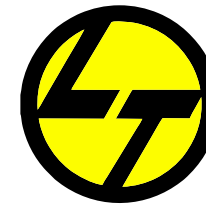


**Rexroth**  
Bosch Group

**YUKEN** Hydraulics

**ABB**

**MITSUBISHI**  
**ELECTRIC**



**Schneider**  
Electric



**SIEMENS**



**Greenply**  
PLYWOOD



**DUNLOP**



**TECHNICAL SPECIFICATION OF BW-4-16 (BRICK-BLOCK-PAVER)**

| Electric Power               |                        | Labour              |                      |
|------------------------------|------------------------|---------------------|----------------------|
| Main Press                   | 10 HP, 3 Ph            | Skilled             | 2 Nos.               |
| Vibrators                    | 5 HP, 3 Ph X 2 = 10 HP | Un Skilled          | 12 Nos.              |
| Green Bricks Conveyor        | 2 HP, 3 Ph             |                     |                      |
| Conveyor                     | 2 HP, 3 Ph             | Production Capacity | 23,000 Bricks/8 Hour |
| Feeders for Trolley          | 2 HP, 3 Ph             |                     |                      |
| Pan Mixer                    | 20 HP, 3 Ph            | Shed Size           |                      |
| Color Mixer Drum             | 2 HP, 3 Ph             | Land Require        | 1-2 Acre             |
| Batching System with Stacker | 21 HP, 3 Ph            |                     |                      |
| <b>Total HP</b>              | <b>69 HP</b>           |                     |                      |
| Item                         | Size (L x W x H)       | Pcs./Mould          | Pcs./ 8 Hour Shift   |
| Blocks                       | 400 x 200 x 200 MM     | 4                   | 5,700                |
| Bricks                       | 230 x 110 x 75 MM      | 16                  | 23,000               |
| Paving Blocks                | Zig-Zag                | 16                  | 23,000               |





















## SUPPORT IN SWACHH BHARAT MISSION



## SUPPORT IN PRADHAN MANTRI AWAS YOJNA



# SAHJANAND FLYASH BRICKS PLANT PVT. LTD.

An ISO 14001:2004 / 9001:2008 Certified Manufacturers & Exporters

## OUR ASSOCIATES (INDIA)

Mumbai, Nagpur, New Delhi, Chandigarh, Chennai, Banaras, Jaipur,  
Hydrabad, Coimbatore, Bhilai, Pune, Raipur, Kolkota, Gauhati, Patna, Indor, Jabalpur

## OUR OVERSEAS ASSOCIATES

Kenya, Uganda, Dar-es-salaam, Durban, Bahrain, Dubai, China, Namibia, U.K., U.S.A.

## GROUP OF COMPANIES

Shree Sahjanand Enterprise • Shreeji Engineers • Shreeji Brickindustry • Shreeji Impex

## CORPORATE OFFICE

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## REGIONAL SALES OFFICE

A/402, Belvista, Nr. Devkutir Bunglow 3, D/h. Shell Petrol Pump, Iscon Ambali Brts Road, Ambali - Ahmedabad.

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