



Your Friendly Technology partner in finding solutions



AAC BLOCK PLANTS

From A Company with UNIQUE TECHNOLOGY EXPERTISE



Turnkey Solution Provider

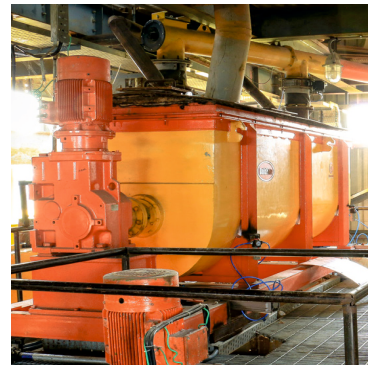
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AAC BLOCKS

Aerated Autoclaved Concrete or AAC Blocks are very light weight and Suitable for all Types of wall constructions. They are easy to cut, drill and install for various construction purposes and consume less cement and plastering material like a wood.

Advantages of AAC blocks:

- Light weight
- Eco-friendly material
- Easy to handle
- Faster construction
- Considerable savings in mortar
- Upto 35% overall savings
- Greater sound insulation
- Greater fire resistance



| Properties | Burnt Clay Brick | Concrete Blocks | AAC blocks |
|--|--------------------------|---|--|
| Dry Density (kg/m ³) | 1800-2000 | 2000-2200 | 450-700 |
| Compressive strength (kg/cm ²) | 10-80 | 30-100 | 30-60 |
| Brick / Block size | 230x110x75 210x100x65 | 400x200x200 400x150x200 400x100x200 | Highly Flexible in Sizes L: 600/500/400 W: 100/150/200/250 H: 200/250/300 |
| Range of Thermal conductivity (W/mK) | 0.5 to 1.100 | 1.1 | 0.21-0.42 |
| Sound Insulation | Normal | Normal | The Highest |
| Ease of use | Laborious | Hard (heavy) | Easy (lightest) |
| Environmental friendliness | Poor | Normal | Green |

AAC Block Plants

| S.no | Range | Plant Capacity in cu.m per day | Model | Land Requirement in acres |
|------|--------|--------------------------------|---------------------|---------------------------|
| 1 | Small | 150 to 300 | Low capital cost | 2 -3 |
| 2 | Medium | 300 to 600 | Buildmate, European | 4-5 |
| 3 | Large | 600 to 2000 | Buildmate, European | 6-10 |

BUILDMATE MACHINES

SUPERIOR TECHNOLOGY
FOR BEST QUALITY END PRODUCT

BUILDMATE provides a very high quality of AAC plants machinery range build with indigenous technology.

Grab and Shift Crane



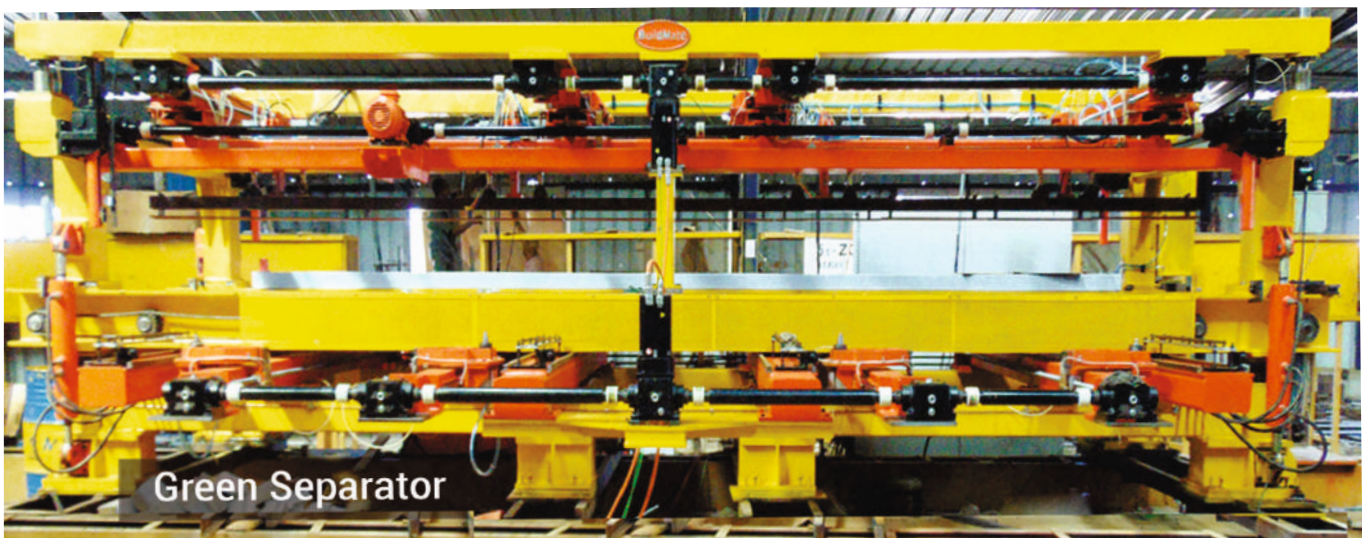
Mould Handling Crane

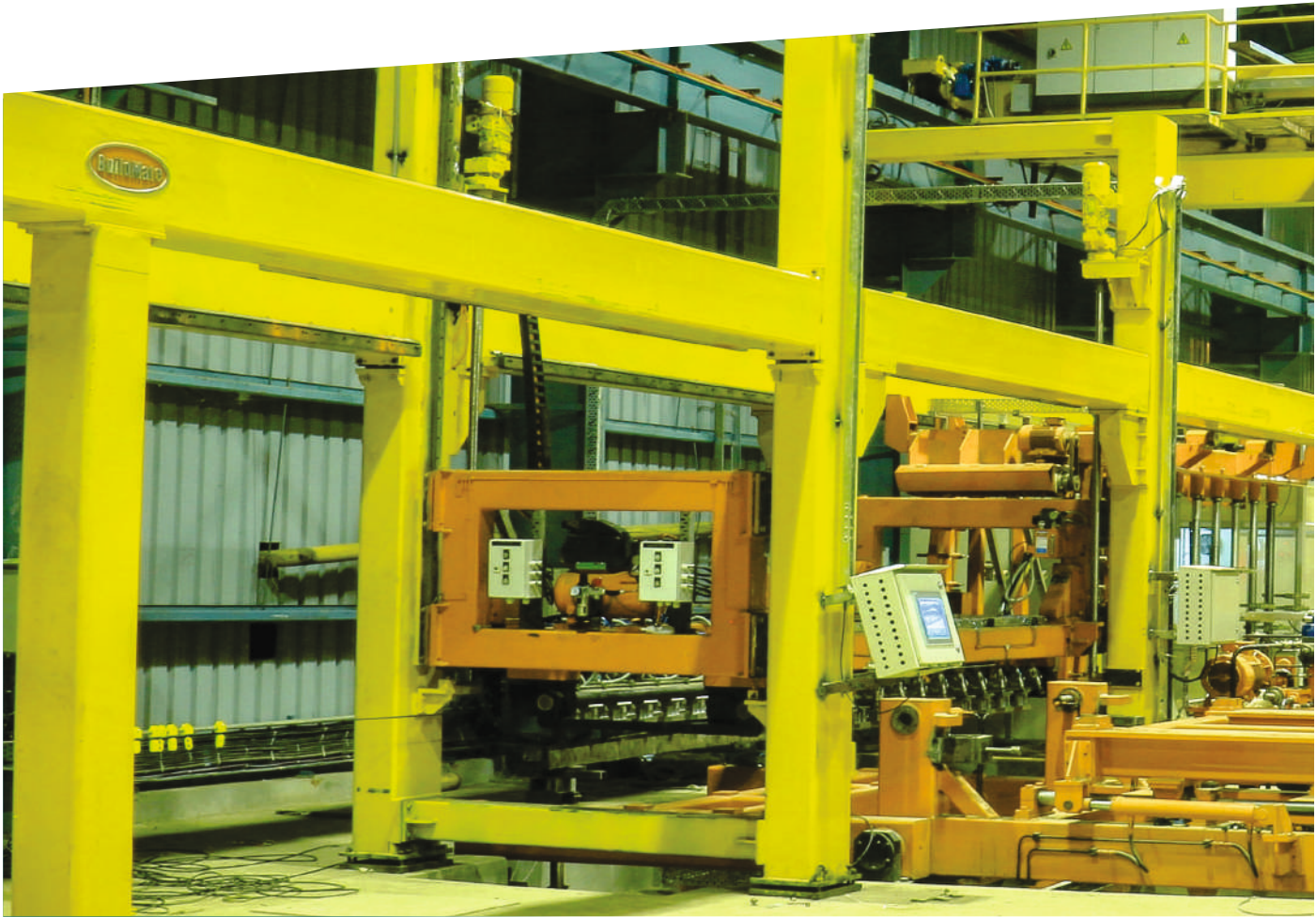


Mould Tilting Machine



Green Separator





SALIENT FEATURES

- World class machinery
- AAC plants of multiple models
- Customized plant solutions
- Plant capacity from 200 CuM to 2000 CuM per day
- Built-in scope for expansion
- Designed for zero wastage
- High end automation
- Minimal man power
- Optimization of resources
- Efficient use of land



THE BUILDMATE ADVANTAGE

Superior Design

- Extensive in-house design facility
- Tested and proven technologies
- Innovation based on industry experience
- Conforming to international standards

Meticulous Manufacturing

- In-house manufacturing unit in Hyderabad, "India"
- Advanced fabrication facilities and modern machine shops
- Testing equipment of International standards

Immaculate Quality

- Quality assurance from concept to commission
- Stage-wise quality checks to ensure trouble-free plant performance
- An ISO 9001: 2015 certified company

AAC PROJECTS BY BUILDMATE

Buildmate has several plants in operation and execution in India and abroad. Here are a few:

PLANTS EXECUTED

- 960 m³/day sand based AAC plant with green separator in industrial City, Al jubail, Saudi Arabia.
- 1100 to 1800 m³/day AAC Plant expansion of existing European plant (ESPAC in Dammam) Saudi Arabia.
- 363 m³/day sand based AAC plant with green separator in Bhutan.
- 2000 m³/day AAC plant with green separator near Vijayawada, Andhra Pradesh, India. **
- 500 m³ / day AAC plant expandable to 750 m³ with flyash near Chilakaluripet, A.P, India.
- 500 m³ / day AAC plant expandable to 750 m³ with flyash in Raipur, Chattisgarh, India.
- 500 m³ / day AAC plant with flyash near Hyderabad, Telangana, India. **
- 380 m³ / day AAC plant with flyash near Vijayawada, Andhra Pradesh, India.
- 300 m³ / day AAC plant with flyash near Nagpur, Maharashtra, India.
- 300 m³ / day AAC plant with flyash near Khammam, Telangana.
- 386 m³ / day with flyash near Silguri, West Bengal, India.
- Balancing Equipment for existing AAC plants run by Ultratech near Hyderabad and Mumbai, India.
- 5 no autoclaves and other machine for Calcium Silicate Board plant executed Ramco in Arakkonam, Chennai, India.
- Expansion for AAC plant run by Aswani Industries in Surat, India.
- 258 m³ day AAC Plant expandable to 516 m³ with sand in Golaghat, Assam, India.
- 296 m³/ day AAC Plant expandable to 774 m³ with flyash in Tamilnadu, India.
- Equipment for AAC plant run by DLITE Blocks in Bhusaval, Maharashtra.

And many more

PLANTS UNDER EXECUTION:

- 516 m³/ day AAC Plant expandable to 774 m³ with flyash in Andhra Pradesh, India.
- 750 m³/ day AAC plant with sand in Ahmedabad, Gujarat, India.
- 258 m³ day AAC Plant expandable to 516 m³ with Pondash in Kanyakumari, Tamilnadu.
- 338 m³ day AAC Plant expandable to 564 m³ with Pondash in Pune, Maharashtra.
- 290 m³ day AAC Plant with flyash in Dindigul, Tamilnadu
- 387 m³ day AAC Plant expandable to 645 m³ with flyash in Hubli, Karnataka



HORIZONTAL
AUTOCLAVING

Buildmate also takes up modernization & upgradation AAC projects of existing plants.

** Indicates AAC plant was one of the multiple product lines which include Dry Mix Mortar, Concrete brick/block/pavers, etc.

LOW CAPITAL COST PLANTS BY BUILDMATE



SALIENT FEATURES

- Sturdy and reliable machinery
- Bottom waste removal system
- Mechanized operations
- Low production costs
- Minimal man power
- Higher automation (upgradeable to complete automation)



VERTICAL
AUTOCLAVING

Completed plants

- 250 m³ / day with flyash in Karur, Tamil Nadu, India.
- 125 m³/day AAC plant expandable to 375 with fly ash near Kasargod, Kerala, India.
- 248 m³ / day AAC Plant expandable to 726 m³ with flyash in Telangana

Plants under execution :

- 290 m³ day AAC Plant with flyash in Dindigul, Tamilnadu

WHO WE ARE

***BUILDMATE** is a Strong Technology oriented, High-tech Project engineering and Execution company providing expertise and supply of Plant machinery for various Building Material projects. We are among the top manufacturers in the world for AAC Plants and have considerable experience in creating other Building material plants and machinery for the construction Industry.*

***Since 1991 with Quality, Integrity, and Innovative Approach, BUILDMATE has helped its clients to achieve their goals.** We build long term relationships out of honesty, and trust – that's the legacy of BUILDMATE. We develop high caliber, focused solutions intended to meet the prerequisites for the local and worldwide markets. By reliably addressing the requirements of our clients, we expect to remain as the dominant player in the industry, while creating long-lasting partnerships through our robust services and using cutting-edge technologies.*

*Our design and manufacturing facilities are ISO certified. The high precision equipment installed in manufacturing facility is programmed to deliver timely better-quality manufacturing of the products. **Our products are delivered at Economical prices with Technology Equal or Better than European standards.***



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