



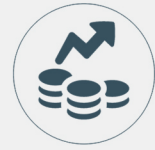
KEDA AAC

TURNKEY SOLUTION IN COLLABORATION WITH
WORLD LEADER - KEDA TECHNOLOGY
(Autoclaved Aerated concrete light weight
building blocks)

Karthikeyan
(Marketing and EPC)
9840956991
karthikim@hotmail.com

ADVANTAGES IN INDIA

ROBUST DEMAND



- According to Savills India, real estate demand for data centers is expected to increase by 15-18 million sq. ft. by 2025.
- The residential sector is expected to grow significantly with the central government Aiming to build 20 million affordable houses in urban areas across the country by 2022, under the ambitious Pradhan Mantri AwasYojana (PMAY) scheme of the union Ministry of Housing and Urban Affairs.

ATTRACTIVE OPPORTUNITIES



- In July 2021, the Securities and Exchange Board of India lowered the minimum application value for Real Estate Investment Trust from Rs.50,000 to Rs.10,000-15,000 to make the market more accessible to small and retail investors.
- Co-living market size across India's top 30 cities is expected to grow more than double to reach US\$ 13.92 billion by 2025 from the current size of US\$ 6.67 billion.

POLICY SUPPORT



- Indian real estate attracted US\$ 5 billion institutional investment in 2020 equivalent to 93% of transactions recorded in the previous year.
- The real estate segment attracted private equity investments worth Rs.23,946crore(US\$3,241 million) across 19 deal in Q4 FY21.

INCREASING INVESTMENTS



- Driven by increasing transparency and returns, there's a surge in private investments in the sector.
- FDI in the sector (including construction development & activities) stood at US\$ 50.8 billion between april 2000 and march 2021.

What we provide

- Sourcing and fixing quality requirement for raw materials
- Provide plant layout based on land availability
- KEDA- Automatic production system with minimum operators
- EPC- complete design, construction, erection and commissioning
- Operational training
- End product quality
- Trial run to full production capacity
- After sales service

Raw material

- Fly Ash- Dry/Wet (available in plenty from thermal power plants-free of cost)
- Cement
- Gypsum
- Lime
- Aluminium paste

Advantage of AAC

- Light weight
- High compressive strength
- Faster rate of construction
- Reduced labour cost and handling cost
- Good thermal insulation and fire resistant
- Over-all cost reduction
- Reduced load on foundation

KEDA(AAC Engineering and consultant is Authorised distributor)
Industry leader and approved for European Directive and safety standards.



certified by ISTITUTO GIORDANO



Member of European Autoclaved Aerated Concrete Association



COST VS QUALITY

ROBUST AND MAINTENANCE FREE MACHINERIES OF EUROPEAN STANDARDS WITH AN AFFORDABLE INVESTMENT. PRODUCE FULL PRODUCTION CAPACITY OF QUALITY BLOCKS AND LASTS LONGER WITH LESS MAINTENANCE EXPENSES. LESS INVESTMENT WITHOUT COMPROMISING THE QUALITY AND PRODUCTION CAPACITY.



QUICK DELIVERY

MASSIVE PRODUCTION CAPACITY OF KEDA SUREMAKER AAC MACHINE MANUFACTURING UNIT ENSURES DELIVERY AS FAST AS 4 MONTHS FROM ORDER.

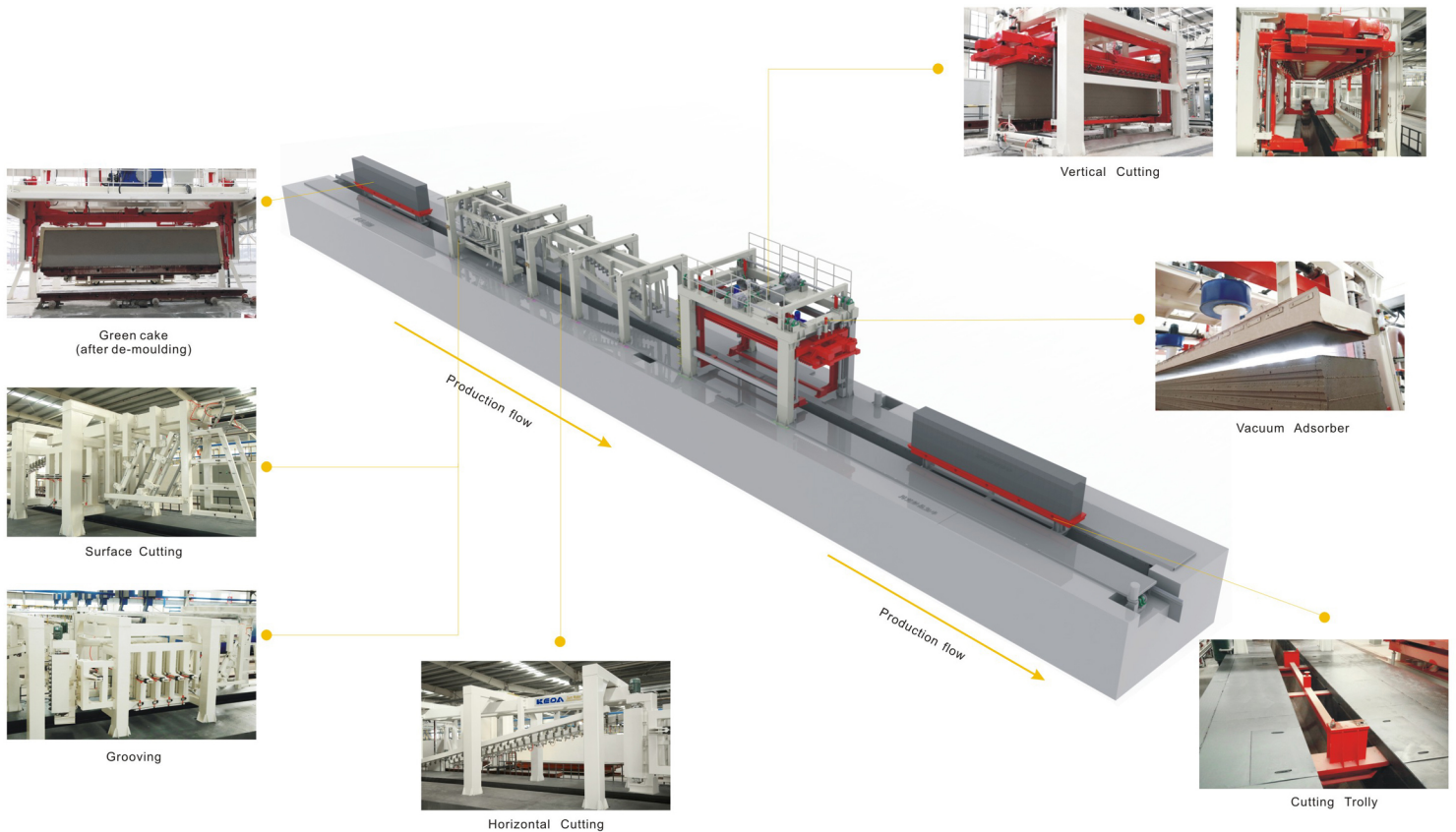


AFTER SALES SERVICE

PRESENCE OF HIGHLY EXPERIENCED PROFESSIONALS AT AAC ENGINEERING AND CONSULTANTS ENSURE PROMPT AFTER SALES SERVICE AND PROCESS ENGINEERING THROUGHOUT THE LIFESPAN OF THE MANUFACTURING UNIT. CONSISTENT OPERATION OF PLANT AT FULL CAPACITY, PRODUCTIVITY, LOW REJECTS AND QUALITY PRODUCTION IS GUARANTEED FROM OUR TEAM OF PROFESSIONALS.

CUTTING SYSTEM

All the steel wire columns are fixed on two main oblique beams of cutting machine and each pair of the columns is used to fix only one steel wire, so that the horizontal cutting machine can solve the settlement cracks problem in thin block out and panel cutting, and achieve the minimum horizontal cutting thickness of 50mm block out of a whole mould. With the automatic detection system, the broken wire can be timely detected.

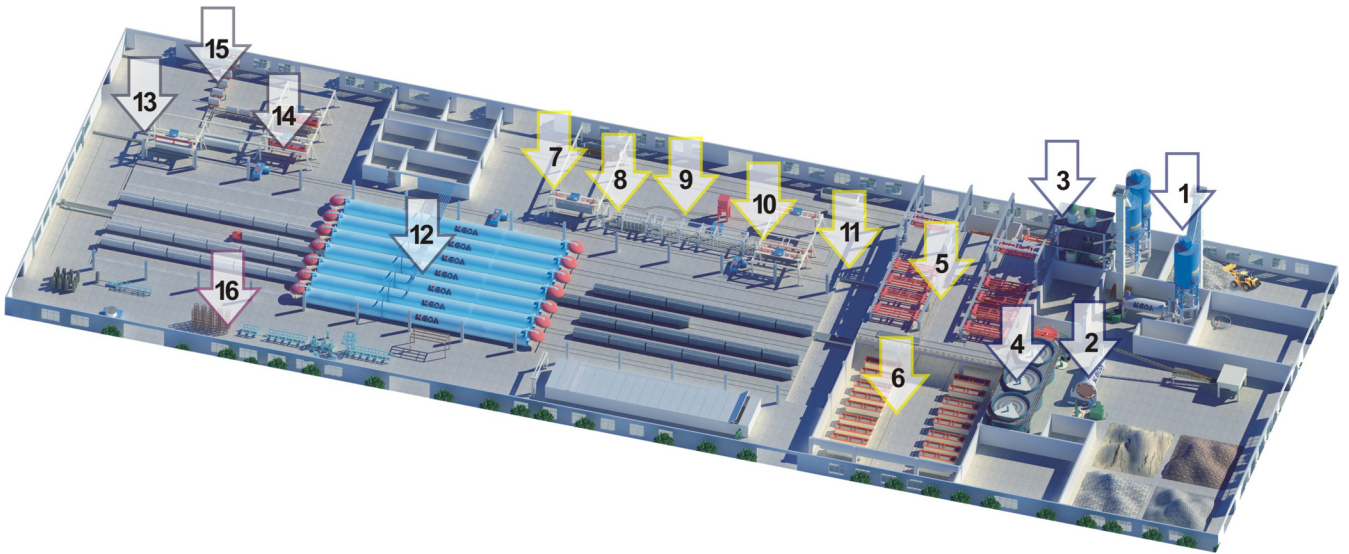


PLANT SIZES

- 300-500 M3/DAY
- 500-1000 M3 PER DAY
- 1000-1500 M3/DAY
- ABOVE 1500 M3/DAY

[CLICK HERE TO VIEW THE FULL VIDEO](#)

AAC BLOCK AND PANEL PRODUCTION LINE

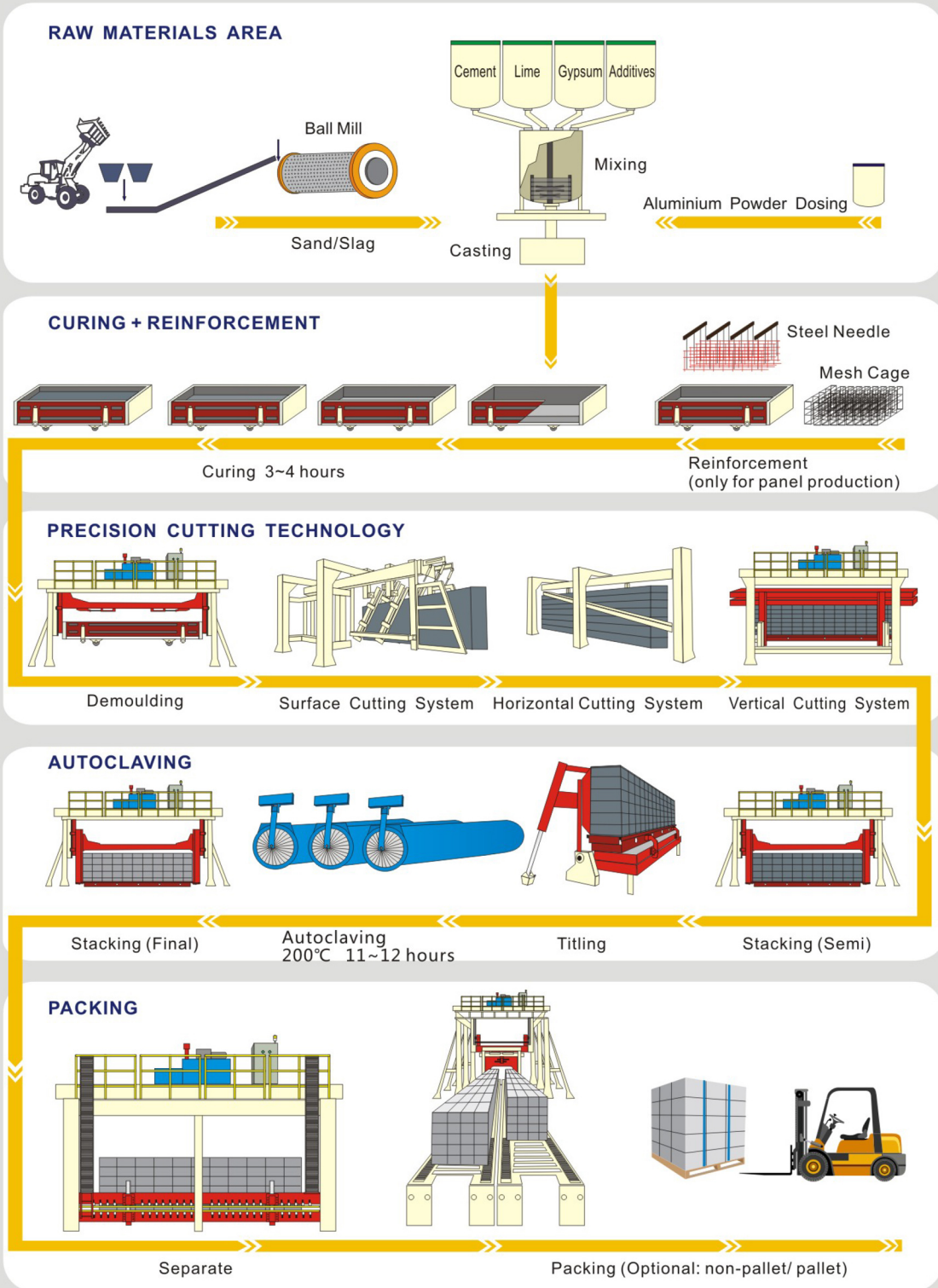


- | | |
|---|--|
| 1. Silo | 9. Horizontal cutting machine & Vertical cutting machine |
| 2. Ball mill | 10. Titling table |
| 3. Scale | 11. Ferry car |
| 4. Slurry tank | 12. Autoclave |
| 5. Reinforcement mesh insert | 13. Stacking machine |
| 6. Curing room | 14. Separator |
| 7. De- moulding machine | 15. Packing line |
| 8. Surface cutting machine & Grooving machine | 16. Automatic mesh cage welding system |

Cutting system standards : 4.2m×1.2m/ 4.8m×1.2m/ 6m×1.2m
 Annual capacity : 100,000m³ ~ 400,000m³
 Flexible product portfolio : density 325- 725kg/m³
 Block /Panel thickness : 50mm-300mm

PLANT LAYOUT

AAC PRODUCTION PROCESS



OUR ASSOCIATE TEAM

DORIT CONSULTING ENGINEERS - BOILER

E square energy – Autoclave and automation

KCP SOLAR – solar power plant

TRUE TECH VISISON – CIVIL construction (PEB/BUILDING)

CONTACT US

Subramanian

(Process and Plant Operation)

9597630162

subu84@gmail.com

Karthikeyan

(Marketing and EPC)

9840956991

karthikim@hotmail.com

ADDRESS

AAC Engineering and Consultant

95/2A, Behind VSS Complex,

NGGO Colony Gate,

Mettuplayam Road, K.Vadamadurai,

Coimbatore 641 017.

