

AERCRETE™

The environmentally friendly mobile system
for continuous production of foam concrete



Now also with the opportunity to a
completely green production,
based on solar energy and a Power
pack.



Aercrete was founded in Bankeryd in 2004 by our CEO Christer Appelberg. Our business concept is to design, manufacture and sell both machines and chemicals to produce foam concrete (CLC). The main use of foam concrete is for residential and commercial construction, geotechnical applications, landfill, infrastructure projects and prefabricated concrete industry.

We are proud of our certificates of ISO 2015: 9001 and ISO 2015: 14001.

Our products and machines

Aercrete 625 is our mobile foam concrete machine for continuous mixing and production of foam concrete directly on site. The only thing required by the customer at the construction site is that there is a local water supply. By reducing transport to construction site, our method is more environmentally friendly.

Technical information Aercrete System 625:

- Mobile trailer with a gross weight of 3500 kg
- Robust 75 kW diesel engine
- Volumetric, continuous cement mixer
- Foam generator
- Concrete pump
- User-friendly numeric process control

Aercrete ECO 20 is our latest addition among concrete machines for continuous mixing and production of foam concrete directly on site. The machine can be used in remote locations with battery bank and solar cells, completely without having to rely on electricity or diesel. The solar cell solution can be moved to next construction site or sold to the local community for delivery of the new houses.

Technical information Aercrete System ECO20:

- Mobile trailer with a gross weight of 3500 kg
- Volumetric, continuous cement mixer
- Foam generator
- Concrete pump
- User-friendly numeric process control



Aercrete works in accordance with some of the UN's global goals.



Power supply:

- The European version runs on 50Hz, 400V 3-phase
- The international version supports most power grids in the world

Frequency: 50Hz to 60Hz

Voltage: 3-phase 208V-480V, neutral not required

Power options in the world:

- Most countries use 400 V

and the machine can then be connected directly



Combined with a standard cement mixer and the **FG-6** foam generator, anyone can make smaller batches of foam concrete easier than ever. FG-6 delivers an exact amount of foam which makes it easy to even make batch production.

The Aercrete systems are all designed for Aercrete's own surfactant **Aercell A-7**

Aercell A-7 is a foaming agent that eliminates the disadvantages of protein foam. All machines are designed for use with the **Aercell A-7**. In combination with each other, the final product becomes a proven solution to produce foam concrete.



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Specially built and customized solutions



Alcon solves our customers' special needs for high pressure from the ground up. We ensure that motors, materials, coupling dimensions and water flows correspond to the requirements that exist. Sometimes our customers know exactly what they want, other times we work out a solution in collaboration with our customers. Then our long experience and high competence is a great security, we know what is required for a successful result.

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