

Foam Generators



Cellular Concrete LLC manufactures foam generator systems designed specifically for producing consistent foam for cellular concrete production, at the ready-mix or precast plant, or on the jobsite. The Cellular Concrete LLC generator lineup includes jobsite-tough tank and state-of-the-art tankless autofoam generators, and portable, lab foam generators for producing accurate results in the laboratory.

Tank Foam Generators

Pressure tank units may be sized for any reasonable production rate for use with either continuous or batch mixing systems. Pressure tanks are supplied in sizes from 10 gallon to 200 gallon capacity to accommodate the work anticipated.

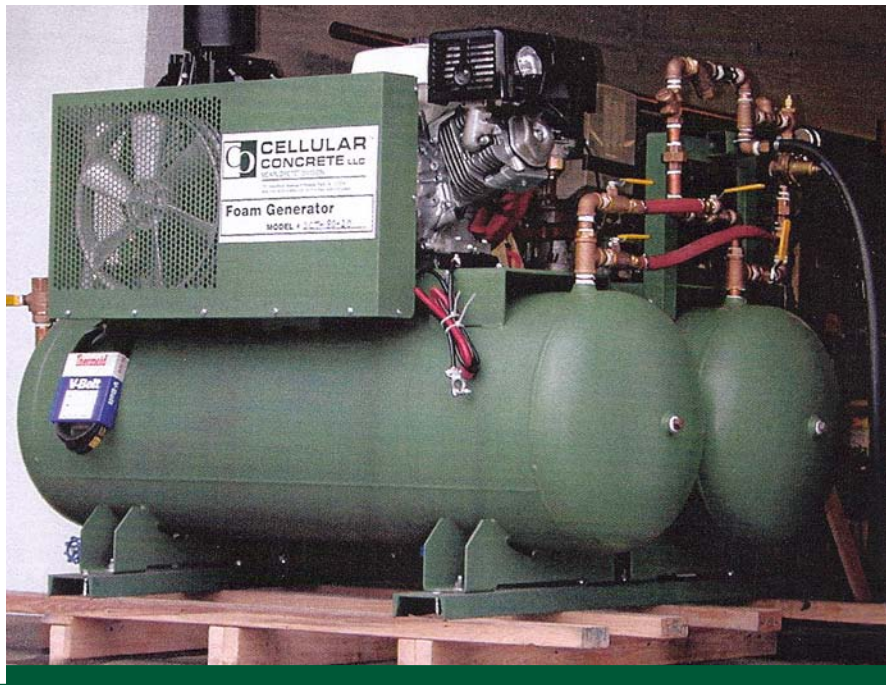
Cellular Concrete foam generators are also available with electric, gasoline, or diesel-powered air compressors mounted onto the tank units for use on projects where adequate volumes and pressures of compressed air are not available from other sources.

Where continuous use is desired, two tanks of equal size may be coupled together in parallel so one may discharge while the second is charged with foam concentrate and water.

Calibrated foam nozzles with fixed foam discharge rates from 1 CFM to 40 CFM or faster are available.

Demand Professional-Grade Foam Generators

Jobsite tough foam generators from Cellular Concrete LLC are manufactured specifically to generate foam for cellular concrete.



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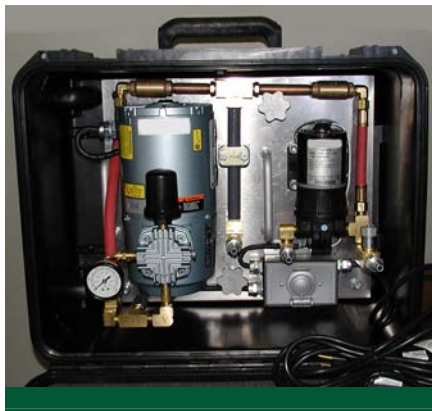
Tankless, AutoFoam Generators

Cellular Concrete LLC AutoFoam generation units siphon foam liquid concentrate directly from the concentrate's shipping container (5-gallon pail or 55-gallon drum). The liquid foam concentrate is metered with water to produce premixed solution of the proper concentration. This solution is then pressurized and balanced against air pressure. Air and the premix solution are then metered into a foam nozzle. The nozzle is packed with a high surface-area-to-volume material, which facilitates the production of a fine, micro-bubbled foam of a specific density and quantity. Calibrated foam nozzles with fixed foam discharge rates from one to 40 CFM are available.

Cellular Concrete LLC AutoFoam generation units are compact – approximately 2' x 2' x 3' high, plus the drive engine. AutoFoam drive units may be electric, hydraulic, diesel, gasoline, or air powered, and can be designed to meet your specific requirements.



Portable, Lab Foam Generators



Cellular Concrete LLC manufactures state-of-the-art, portable, lab foam generators for producing accurate mix design results in the laboratory.

Extremely accurate, the transportable units, which can be checked on airlines, meet production speeds of up to three cubic feet per minute. The unit can be removed from its case for easy cleaning.

6 Questions to Ask Before Purchasing a Foam Generator

1. Is the generator manufactured specifically to generate foam for cellular concrete or is it a reconfigured fire-fighting-spray nozzle or adhesive/coating squirter?
2. What is the generator's capacity; that is, what amount of foam will I get with it from one load. Will it make enough foam for a batch, or will I have to stop work to reload it?
3. What is the discharge nozzle rate; that is, does the nozzle discharge foam at a rate appropriate for my project, or will I always be waiting on the foam generator before continuing to work?
4. What is the generator's expansion and dilution rate?
5. Is the foam generated by the generator consistent?
6. Who stands behind the generator if there is a problem ... a company in the cellular concrete industry able to provide technical support, including proven mix designs and code approvals for my intended work ... or someone who can "send me a part?"