



Osborn • SPO • Sutter

# Lüber Core & Mold Curing Systems

Lüber gas generators are designed to take cold box curing systems to optimum efficiency. Their extremely efficient and economical use of curing agents, rapid curing rates and careful attention to safety, health and environmental concerns make them the obvious choice for foundries with a future.

Lüber cold box systems vaporize the amine or Methyl Formate instead of atomizing it, so they use far less of it...as little as one pound of amine cures a ton of core sand. **In many cases Lüber generators can cut catalyst consumption by as much as 50%.** Reducing the amount of catalyst pays off downstream, too, since less gas means fewer emissions and reducing scrubbing and acid costs.

The carrier gas is ordinary shop air, so there is no need for costly CO<sub>2</sub> or nitrogen. Purge air is heated internally, and there are two different purge cycles offered:

- an adjustable two stage type (suitable for most cores) which goes from low (5 psi) to high (75 psi), and
- a proportional cycle (for more delicate cores), which allows purge pressure to rise evenly from 0 to as high as 75 psi.

## COLD BOX GENERATOR SPECIFICATIONS

*Please call us for special applications*

MODEL	kW	Core Wt.
LW-FDA-425	4	20 lb
LW-FDA-825	8	90 lb
LW-FDA-1640	16	100 lb and up

Lüber standard models are a complete curing system, ready for easy installation at each core machine. The day tank, shown to the left of the generator, may be filled manually, or connected to a Lüber central amine pumping system for automatic refill.



Automatic centralized amine pump station allows for safe, easy refilling of up to 15 gas generators, minimizing the risk of accidental exposure, and permitting the bulk amine storage tanks to be located in the safest possible location.

**EMI has acquired the exclusive rights to the Sutter Product line, worldwide, and the North American rights to the IMPACT Molding Systems from DISA. EMI also distributes and services Lüber gas generators and core sand preparation systems.**

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