



Curing Systems

Curing Systems

Tailored curing systems for concrete product manufacturers

To ensure the production of the highest-quality products, HawkeyePedershaab provides turnkey curing systems that allow manufactured products to cure in a heat and humidity-controlled environment. We offer several curing systems specifically designed for various pipe and manhole applications. These innovative systems include a range of designs for plants with simple open-floor curing to fully-automatic plants with continuous curing. All curing system components, including the steam generating equipment, piping, and other supplementary equipment, are provided turnkey.

AutoKiln

The most advanced pipe and manhole curing system on the market.

Operation

The AutoKiln is tailored to work together with a moving-floor system. The AutoKiln can be configured for simple, in-out batch curing or with computer controls for automatic multi-shift, continuous curing applications.

AutoKiln allows for precise, zoned computer-control of the temperature and humidity throughout the entire curing process, including pre-cure and post-cure processes.

In addition to its ability to fully control the curing process, AutoKiln uses high R-Value, insulated walls and doors to reduce energy usage and prevent corrosive steam or humidity from leaking out of the system and affecting the rest of the factory.

System Benefits

- Allows 24-hour continuous production
- Complete control of curing process
- Independent temperature and humidity control
- Fully automatic operation

TeleKiln

The simple and quick method for covering concrete pipe and manholes.

Operation

The TeleKiln is an accordion-style curtain kiln system that advances over the products in the kiln as they are produced, covering them and keeping the wind and external environment from affecting the curing process.

The TeleKiln has the added benefit of operating without tying up the use of the plant overhead crane.

The TeleKiln can be remote-controlled and includes an optional misting system to keep the concrete products properly hydrated.

System Benefits

- Immediately covers the pipe
- Automatic misting system
- Remote-controlled operation
- Adaptable to any plant layout

Canopy Kiln

The traditional solution for curing various concrete products.

Operation

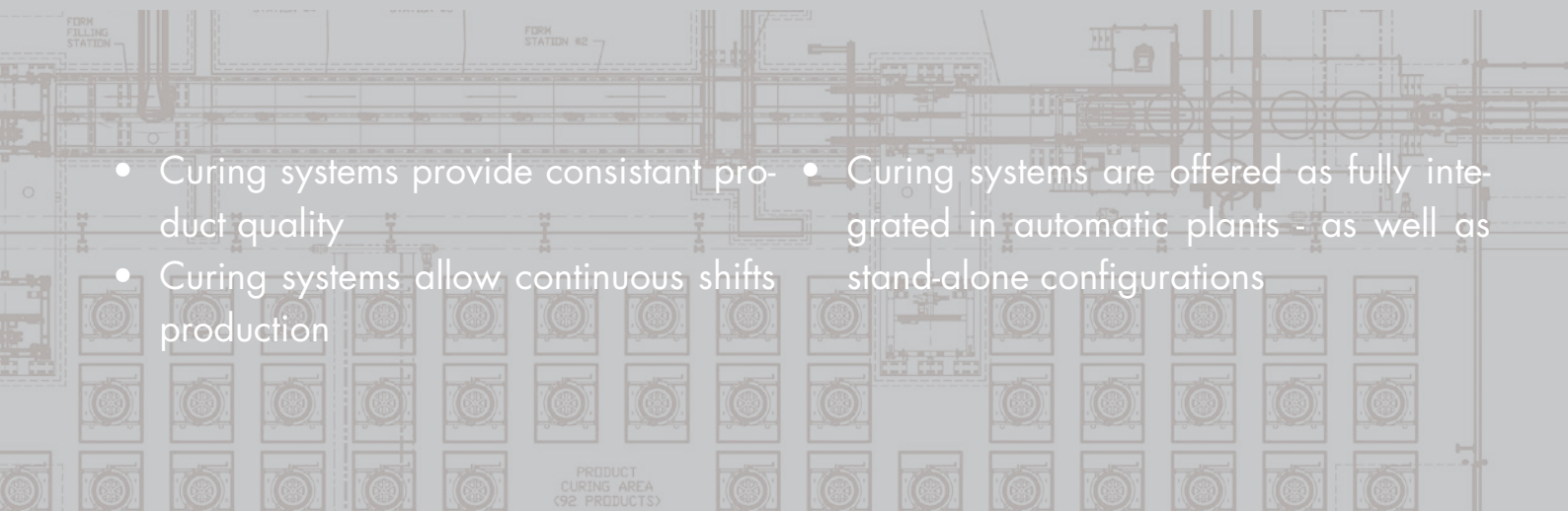
The Canopy Kiln system folds up against the kiln wall throughout the production process.

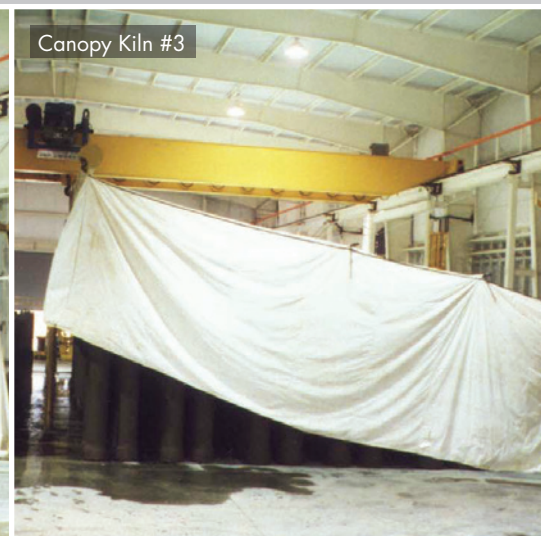
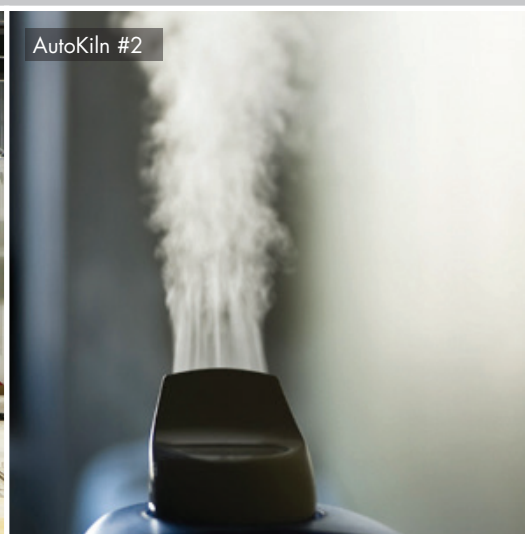
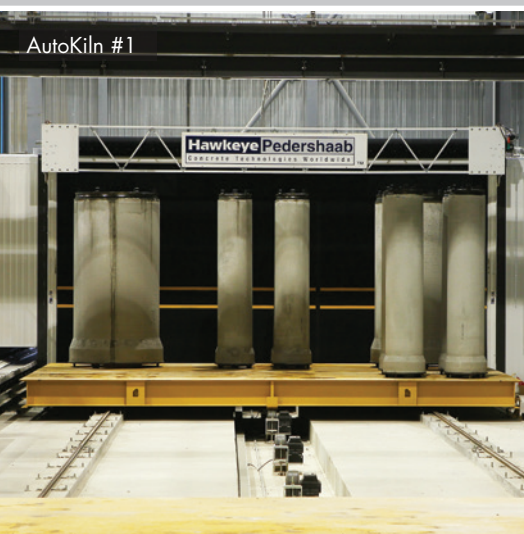
When the kilns are full, the overhead crane is used to deploy the curtains and cover the pipes, at which point steam may or may not be introduced into the system.

Manually operated, the Canopy Kiln is simple to use and even simpler to maintain, with minimal moving and wearing parts.

System Benefits

- Economical
- Simple to operate
- Simple to maintain
- Adaptable to any plant layout

- 
- Curing systems provide consistent product quality
 - Curing systems allow continuous shifts production
 - Curing systems are offered as fully integrated in automatic plants - as well as stand-alone configurations





US Headquarters
506 S. Wapello Street
Mediapolis, Iowa 52637 USA
Phone: +1 (319) 394-3197
Telefax +1 (319) 394-3977

European Headquarters
Saltumvej 25
9700 Brønderslev, Denmark
Phone: +45 9645 4000
Telefax: +45 9645 4040

info@hpct.com
www.hpct.com

BRO/CURINGSYSTEMS/ENA4
SEPTEMBER2017