

INTEK Intelligence

PAPER PULP INDUSTRY

1/16/2008

SN 84717

PROJECT: *Drying*



THE CHALLENGE:

Drying large volumes of molded paper pulp packaging shapes.

A leading manufacturer needed help drying custom paper pulp shapes used for cushioning of shipped goods in the packaging industry. The customer specified a multi-zoned gas-fired heat source for each of the ten individual heat zones, with high volumes of air re-circulating through the system. Each fifteen foot long oven chamber included a 15 HP blower for forced drying

of the manufacturing process with very high levels of humidity. Each of the multiple Intek oven chambers was constructed to ship fully assembled and they were joined together at the site to create one straight line, 150 ft. long oven. A balanced weave conveyor belt with variable speed drive was included as part of the design.

PRICE RANGE: \$520,000 - \$700,000
Price varies greatly depending on type of conveyor and other selected options.

SYSTEM DIMENSIONS:
120" W x 1800" L x 116" H

POWER REQUIREMENT:
480V 3Ph 60Hz

HEAT SOURCE:
Gas-fired burner

RECIRCULATING BLOWER:
7.5 HP, 7000 CFM Blower

EXHAUST: 100% recovery

PROCESS TEMP: 500°F

PROCESS TIME: Varies

RESULTS: Improved product quality and faster drying time. Multiple zones provide for unlimited temperature control and airflow for maximum flexibility.



290 Independence Dr.
Union, MO 63084 USA
636-584-8500

www.intekcorp.com