

INTEK Intelligence

LEXAN & OTHER PLASTICS

6/27/2008

SN 85016

PROJECT: Heating plastic sheets to 500°F



THE CHALLENGE:

Heat multiple sheets of Lexan and other plastics to a maximum temperature of 500°F.

Customer contacted Intek to provide a custom batch oven to handle various plastic sheets for heating up to temperature of 500°F.

To provide for easy loading the sheets would be placed in rolling racks of the customer's

own design that they would provide.

The customer's existing concrete floor would serve as the oven floor for best reliability, ease of entry into the oven and further cost savings.

PRICE RANGE: \$25,000 - \$48,000
Price varies greatly depending on selected options.

SYSTEM DIMENSIONS-Internal:
96" W x 133" L x 113" H

SYSTEM DIMENSIONS-External:
108" W x 147" L x 143" H

POWER REQUIREMENT:
480V, 81A

HEAT SOURCE: 54 KW

RECIRCULATING BLOWER: 5 HP

EXHAUST: 400 CFM

PROCESS TEMP: 500°F (+/-10°)

RESULTS: Improved product quality for large batches of product processed simultaneously.



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