Curing Conveyor Oven

Parts Manufacturer Job Profile

Requirements

A growing parts manufacturer requested a new curing oven to increase production capacity.

Solution - Curing Conveyor Oven

ITS engineered and manufactured a multi-lane curing conveyor oven designed with proprietary air flow to ensure uniform processing of a wide variety of steel and plastic molds. The oven was designed with top down air flow to heat the parts evenly from left to right. The oven chamber is 19' long x 9' wide with 2 rows of chain to move the parts through the oven. The double conveyor allows for processing parts of variable sizes and with two unique cure times. The smaller part on the top conveyor cures for 8 hours and the larger part on the bottom conveyor cures for 10 hours giving the customer the flexibility and the productivity increase required for the application.

Results

With a process driven air flow design and tight temperature uniformity, this multi-lane conveyor oven is reducing operating costs while increasing production output and quality. The oven heats the parts at 330° F and maintains a temperature uniformity of +/- 10°F.

Summary

ITS conveyor ovens can reduce operating costs and increase production output. ITS manufacturers both standard and custom engineered ovens. ITS custom conveyor ovens are:

- Designed/engineered for the specific application
- Include optimized air flow management design
- Deliver temperature uniformity for the specific product

We look forward to partnering with you.
Contact ITS for a product proposal
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