INTEK Intelligence

AUTOMOTIVE BRAKES S/N 109243

PROJECT: Cure Powder Coating on Brake Parts

THE CHALLENGE: Build an automated system for curing powder coated brake parts of various sizes.

Automotive brake parts are built in high volumes and in many different sizes. INTEK's customer required a system for curing the durable and attractive powder coating finish on various sizes of parts being processed. The design solution consisted of an automated collating conveyor at the infeed and exit ends of the system with a cooling chamber following the oven chamber to facilitate handling at the earliest opportunity.

Maximum operating temperature is 500°F.

PRICE RANGE: Call for Pricing. Design includes infeed conveyor, exit conveyor, automated sorting and cooling station. Price varies greatly depending on selected options.

SYSTEM DIMENSIONS - Internal: 50″ W x 168″ L x 20″ H

SYSTEM DIMENSIONS - External: 72″ W x 220″ L x 72″ H

POWER REQUIREMENT:

81kW / 480V~3PH / 100A / 60Hz

HEAT SOURCE:

Qty 9 – INTEK IR Heater Modules

RECIRCULATING BLOWER: N/A

EXHAUST: Natural Convection

PROCESS TEMP: 375°F - 450°F

PROCESS TIME: 10 – 12 Min.

RESULTS: Improved appearance and durability of coating with consistent temperatures while improving overall high-volume productivity.

INTEK CORPORATION USA

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

www.intekcorp.com