




ROBOTICS, Inc.

CNV Curing Ovens

PRODUCT DATA

 ROBOTICS, Inc. CNV Curing Ovens are built to cure and cool dispensed adhesive and sealant materials. Their modular designs are easy to adapt to virtually any application.



Shown here is an 18 foot three-zone electric CNV Curing Oven (right) with an 8 foot conveyORIZED ambient-air cooling section (left). The small enclosure (center) is the temperature datalogging unit. The large enclosure (far right) houses all oven electrical controls.

Key Features

- Standardized design with adjustable height
- Modular heating extensions in 6 foot increments; economical unheated 3 foot extensions also available
- Multiple heating-zone flexibility, with adjustable temperature control
- Flexible cooling-zone characteristics
- Fully programmable with *Smart Oven Technology™*
- Electric or natural gas powered
- High-temperature safety switches
- Power exhaust venting
- Indexable or continuous conveyor
- Optional Temperature Datalogging System

CNV Curing Ovens

Our CNV Curing Ovens compliment all our dispensing system lines, producing complete "dispense-and-cure" systems. These automated ovens come in standard sizes, may be modularly extended, and may be customized to specific customer requirements.

Smart Oven Technology™

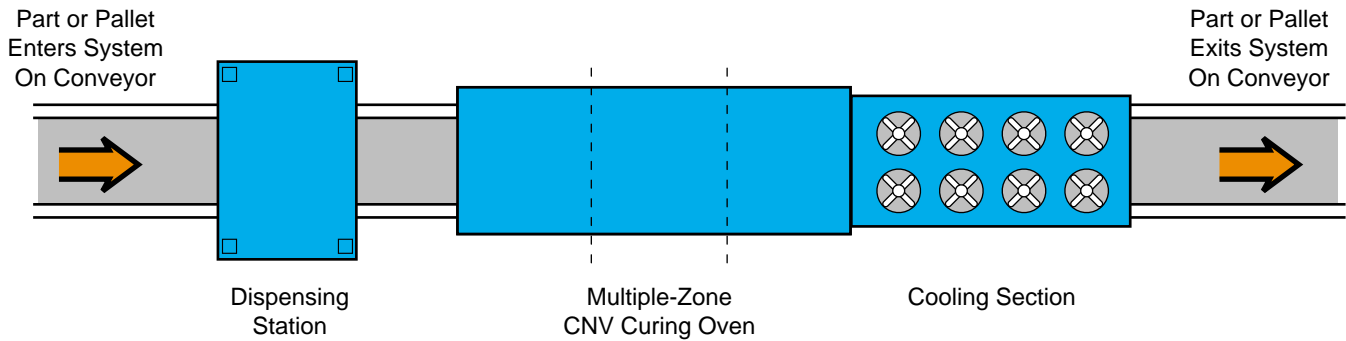
All Robotics ovens have our Smart Oven Technology. This feature ensures maximized oven production by compensating for varying pallet ready times. The oven conveyor automatically indexes an awaiting pallet as soon as it is ready (within the set max and min limits). Max and min cure time limits are easily set based on material characteristics and operator preference.

Temperature Monitoring

The optional Temperature Datalogging System allows programmed temperature monitoring from multiple points within the oven. Data may be printed directly from the System's printer. Also, each temperature probe may be checked at any time from keypad queries on the digital display. The data is downloadable to a PC for statistical process control (SPC) analysis.

Schematic Dispense-and-Cure System*

TOP VIEW



*For illustration purposes only. Systems are configured according to customer requirements.

Systems & Support

Robotics, Inc. has decades of experience designing and building automated dispensing systems. We provide complete system solutions, including start-up and installation assistance, training, field service support, and complete documentation. We provide both standard systems and custom-designed solutions. Dependent on your specific project considerations, Robotics Inc. staff will design and build a system that is right for you.

Information

For more information on CNV Curing Ovens or other products and services, contact a Representative from our Technical Sales Department:



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CNV Curing Oven Specifications*

Outside Dimensions	Length: 6'; with 6' heated or 3' unheated extensions Width: 43" Work Height: 6'
Oven Opening	28" x 16" (W x H)
Max. Temperature	450°F
Temperature Controls	Independent zones, all controls in one enclosure
Cooling	Multiple high-capacity ambient-air fans
Conveyor	High-temperature synchronous or asynchronous conveyor with stainless steel flat-top chain

Since 1971, Robotics Inc. has designed, built, and supported automated dispensing around the world!

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