

30'L HalCon Hangline System

System uses 96 Halogen elements controlled by a touch screen control panel with 4 side heat zones and one convection zone. A timed motion sensor activates the system when parts enter and a conveyor override shuts the system off if the line stops. Heat zone 1 uses a percentage time to control heat. Heat zone 2 to 4 use 8:1 IR sensors with laser pointer to monitor and control part temperature. Five high volume blowers with 12 elements generate convection heat and circulate internal heated air. A J-thermocouple controls air temperature. A 10" exhaust blower removes fumes.

Cure temperature: 170–200F



Halogen reflectors pivot 30 degrees for easy heat focus. Both element and reflector are snap-in mounted for easy service.

Control panel with disconnect touch screen controller – 8:1 sensor with laser – Allen Bradley contactors – Nema 12 panel

Power: 178KW @440V 3ph ~240Amps

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	<p>DATE</p> <p>T. Lin 3/28/2011</p>		<p>TITLE</p> <p>Halogen Tunnel</p>
	<p>CHECKED</p>		<p>SCALE</p> <p>NONE</p>
	<p>SHEET</p> <p>1 OF 1</p>		<p>REV</p> <p>1</p>
<p>APP IN.</p> <p>Concept Drawing</p>			