



PowerCart Component (~575-675 pcs/week)

- PowerCart: 25 with 3'Wx8'L table top
- Track: ~350ft
- Charge Rail: 5 units (15 minutes)
- Cart on Demand: 3 units
- Display Monitor: 1 unit
- Mini Laptop: 1 unit
- Tunnel/PowerCart Communication: 5 cells
- Loading Station: 1 unit

Stain Tunnel: 3 minute cure

System uses 24 Halogen elements controlled by a touch screen control panel with two heat zones. A timed motion sensor activates the system when carts enter. Side heat zone uses 8:1 IR sensor to monitor and control part temperatures. Air temperature is controlled by a Thermocouple. A 10" exhaust blower removes fumes.

POWER: 44kW @480V 3ph ~64Amps

Sealer and TopCoat Tunnels: 6 minute cure

System uses 48 Halogen elements controlled by a touch screen control panel with three heat zones (2 side heat zones and one convection zone). A timed motion sensor activates the system when carts enter. All side heat zones uses 8:1 IR sensors to monitor and control part temperatures. Air temperature is controlled by a Thermocouple. A 10" exhaust blower removes fumes.

POWER: 88kW @480V 3ph ~128Amps

- Cart Programmer**
has 9 program buttons to load system program operation into each cart.
- System Monitor**
shows all cart battery levels and has a system On/Off switch
- Diagnostic Laptop**
- Cart on Demand**
- In-line Charge Rail**

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	<p>DRAWN</p> <p>T. Lin 8/20/2012</p>		<p>TITLE</p> <p>PowerCart System</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>DWG No.</p> <p>Conceptual Drawing</p>			