**ProHeat™ Rolling Inductor**

**Applications**
- Process Piping
- Refinery
- Petrochemical
- Power Piping
- Pressure Vessels

**Maximum Preheat Temperature**
- 600° F (315° C)

**Shipping Weight**
- 40 lb. (18.1 kg)
- 43.4 lb. (19.7 kg) with Travel Detect System

**Induction Head Dimensions**
- H: 5.5 in. (138 mm)
- W: 6.6 in. (168 mm)
- 10.25 in. (260 mm) with wheel
- D: 8 in. (203 mm)

**Output Cable Length**
- 30 ft. (9.1 m)

**Quick Specs**

- Rolling Inductor shown with optional Mounting Arm (#301 119) and Travel Detect System (#301 183)

- Maximum productivity. Easy setup, quick time to temperature, and continuous heating increases productivity while reducing consumable costs and labor expenses.

- Improved safety. Eliminates open flames reducing burn and explosive gas hazards. Direct heat transfer results in cooler shop environment that reduces operator fatigue and improves work conditions.

- Easy to use. Simple to set up and operate. Flexible and portable to fit a wide range of heating applications on pipe, plate and other moving parts.

- Optimal consistency and quality. Designed to evenly distribute heat into the work piece, eliminating the inconsistencies and quality issues associated with open-flame-torch heating methods. Travel Detect system (optional) helps to ensure proper heating by folding back or shutting off output if limited or no movement is detected.

**Specifications (Subject to change without notice.)**

<table>
<thead>
<tr>
<th>Rated Output</th>
<th>Ambient Temperature Range Storage Usage</th>
<th>Maximum Part Preheat Temperature</th>
<th>Required Cooler</th>
<th>Dimensions</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 amps at 100% duty cycle</td>
<td>-40° F to 180° F (-40° C to 82° C)</td>
<td>600° F (315° C)</td>
<td>Heavy-Duty Induction Cooler (#951 142)</td>
<td>H: 5.25 in. (133 mm) W: 6.6 in. (168 mm) 10.25 in. (260 mm) with wheel</td>
<td>D: 8 in. (203 mm)</td>
</tr>
</tbody>
</table>

- 32° F to 140° F (0° C to 60° C)

**The ProHeat 35 Induction Heating System with the Rolling Inductor** is a simple and cost-effective heating process that can solve many preheating problems related to moving parts, and delivers fast, consistent heat.

**New!**
Specially designed for heating moving parts

ProHeat 35 liquid-cooled system shown with complete Rolling Inductor setup. (Positioner and pipe stands sold separately.)
**System Configurations**

The ProHeat™ 35 can be set up to run a single Rolling Inductor, or two should additional heating be required. Mounting the arm to a pipe stand requires a 1.5 to 2 inches (38.1 to 50.8 mm) outer diameter pipe to hold the head in place while heating.

**Single Induction Head Arrangement**

A single Rolling Inductor arrangement requires a thermocouple extension cable and a Rolling Inductor connected to the power source. The thermocouple cable monitors the internal temperature of the Rolling Inductor — it does not measure the temperature of the workpiece.

**Duel Induction Head Arrangement**

A duel arrangement requires two Rolling Inductors and two thermocouple extension cables attached to a single power source. In this arrangement, the output power from the power source is divided equally between the Rolling Inductors (assuming both Rolling Inductors are in direct contact with the material being heated). The thermocouple cable monitors the internal temperature of the Rolling Inductor — it does not measure the temperature of the workpiece.

*Note: Applications needing 35 kW at 100-percent duty cycle for long durations may require additional cooling capacities.*

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**Ordering Information**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rolling Inductor</td>
<td>#301 117</td>
<td>Liquid-cooled induction head for use with the ProHeat 35, includes thermocouple extension cable and cable cover</td>
<td></td>
<td></td>
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<tr>
<td>Mounting Arm</td>
<td>#301 119</td>
<td>Attaches to the Rolling Inductor for mounting to pipe stand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Travel Detect System</td>
<td>#301 183</td>
<td>Attaches to the Rolling Inductor, comes with cabling and mounting hardware</td>
<td></td>
<td></td>
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<tr>
<td>RPBS-14 On-Off Switch</td>
<td>#300 666</td>
<td>Provides remote on/off for power source</td>
<td></td>
<td></td>
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<tr>
<td>ProHeat 35 with Built-In Temperature Control</td>
<td>#907 271</td>
<td>460–575 VAC, 3-phase, 60 Hz, 35 kW power source</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>#907 432</td>
<td>400–460 VAC, 3-phase, 50/60 Hz, 35 kW power source, CE</td>
<td></td>
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</tr>
<tr>
<td>Heavy-Duty Induction Cooler</td>
<td>#951 142</td>
<td>Attaches to power source, comes with one case of coolant #043 810</td>
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<tr>
<td></td>
<td></td>
<td>and coolant quick-connect hose assembly #204 877</td>
<td></td>
<td></td>
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<tr>
<td>Running Gear</td>
<td>#195 436</td>
<td>Attaches to bottom of cooler</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: Total Quoted Price: