

Induction

Technical documentation



Powering a heating revolution—for preheat of moving parts up to 600 degrees Fahrenheit (315°C).

The ProHeat 35 rolling induction system is a simple and cost-effective heating solution which delivers fast and consistent heat for pipe fabrication shops that weld pipe spools for the refinery, petrochemical, power and HVAC industries.

Optimal consistency and quality

The Rolling Induction System eliminates the inconsistencies and quality issues associated with open flame torch heating methods.

Temperature feedback (optional) allows operators to set and achieve targeted preheat temperatures easily.

The Travel Detection System (optional) prevents hot spots by controlling heating output based on travel speeds and turning off completely if the part is not moving.

Improved safety

Eliminates open flames reducing burn, fume, and explosive gas hazards.

Direct heat transfer results in cooler shop environment that reduces operator fatigue and improves work conditions.

Maximum productivity

Quick time to temperature increases production times while reducing consumable costs and labor expenses.

Heating while rolling the pipe assembly allows for continuous fabrication.

Product and Code	ProHeat® 35 460-575 V
Industries Interests	Construction Heavy Equipment Manufacturing Infrastructure Manufacturing Railcar Shipbuilding High Purity Processing
Input Voltage	460 V 575 V
Input Phase	3-Phase
Input Hz	60 Hz
KVAKW at Rated Output	60 Hz
Output Frequency	5-30 kHz
Rated Output	One rolling inductor: 20 kW at 100% duty cycle Two rolling inductors: 35 kW at 100% duty cycle
Net Width	21.75 in
Net Height	27.5 in
Net Length	36.75 in
Net Weight	227 lbs
Portability	Lift Eye (Standard) Running Gear / Cart (Optional)

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