ArcReach® Heater Air-Cooled Induction System

Quick Specs

Process
- Induction Heating

Maximum Heating Temperature
- 600° F (315° C)

Input Power
- Operates on open-circuit voltage: 50-70 volts

Output Current 200 amps

Output Voltage 300 volts

Source Current 33 amps

Output Frequency 5-30 kHz

Rated Output 7.8 kW @ 100% duty cycle

Dimensions
- H: 18.6 in (472mm)
- W: 11.2 in (285mm)
- D: 26.7 in (678mm)

Weight
- 43 lbs (20kg)

Applications
- Refineries
- Induction heating
- Oil and gas
- Petrochemical
- Power plants
- Shipyards

Take charge of your field preheat and bake-out applications up to 600 degrees Fahrenheit (315°C)

As part of the ArcReach technology platform, the heater is an accessory for select ArcReach welding power sources.

The induction heating tools (air-cooled cables or air-cooled quick wraps) connect to the ArcReach Heater, which is powered by select on-site welding power sources.

ArcReach Heater systems allow economical, insourced weld preheating

With ArcReach Heater systems you can:
- Eliminate the costly overruns common with heating contractors
- Eliminate delays due to transitions between heating and welding crews
- Run your own schedule without depending on third-party contractors
- Use existing on-site welding equipment up to 200 feet away as the heating power source
- Lower preheating costs
- Automatically and accurately document joint temperatures
- Eliminate safety concerns caused by traditional open-flame heating

The ArcReach Heater air-cooled induction heating system is specifically designed for preheating and bake-out applications up to 600 degrees Fahrenheit (315°C), without the need for a cooler and coolant. Temperature control programs can be manually entered or loaded via USB drive. Heating data is automatically recorded and can be saved for use in quality control and documentation needs.

The air-cooled cables and quick wraps are manufactured from durable high-temperature materials, and designed to withstand the tough conditions in both industrial and construction applications.

Induction Benefits

Improved working environment during welding. Welders are not exposed to open flames, explosive gases and hot elements associated with fuel gas heating and resistance heating.

Easy setup with flexibility to fit a variety of pipe diameters and plate lengths.

Uniform heating is maintained along and through the heat zone by using induction heat within the material. The surface of the part is not marred by localized conducted heat at higher than specified temperatures.

Time-to-temperature is faster than conventional processes due to the method of applying heat, reducing cycle time.

1-866-733-3272

Red-D-Arc™