



INDUCTION HEATING



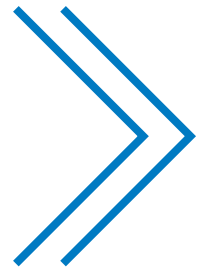
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# Pro-Heat™ 35

Part No: MR907432

# Weld Pre-Heating & Stress Relieving.



### MULTIPLE OUTPUTS

Provides two insulated connectors for air-cooled blankets or liquid-cooled cables.

### LOW CONSUMABLE COSTS

No fuel costs and minimal insulation costs. Insulation is reusable and may be used 50 times or more, reducing cost of disposal and replacement.

### ON-BOARD TEMPERATURE CONTROL

Provides for manual or temperature-based programming in a simple-to-learn operator interface.

### MULTIPLE CONTROL THERMOCOUPLE INPUTS

Control on the hottest TC during heating and coolest TC during cooling for uniform heating and quality.

### OPEN OUTPUT DETECTION

Prevents system operation without a covered output receptacle (cable or protective plug).

\*Image shows Water Cooled set up example.



welding.com.au 1300 300 884



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## REDUCE PREHEATING TIME BY UP TO 400%

Miller's Induction Heating system brings a part to temperature in a fraction of the time, compared to traditional flame and resistance heating processes. It also holds the part at the specified temperature.

With Miller's Pro-Heat™, pre-heat time can be reduced by up to 400%. To put this in perspective, companies using the Pro-Heat™ have reduced pre-heating time from over two hours to just 30 minutes.

### CABLE IDENTIFICATION SYSTEM

Knows the type of cable attached and limits output to protect cables and blankets.

### ISOLATION FAULT PROTECTION

Provides automatic system shut down should power source output short to ground. A sense lead provides direct feedback to the power source to sense fault condition.

### TIME-TO-TEMPERATURE

Faster than conventional processes due to the method of applying the heat, reducing heating cycle time.

### UNIFORM HEATING

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

### IMPROVED AND SAFER WORKING ENVIRONMENT

Welders are not exposed to open flame, explosive gases and hot elements associated with fuel gas heating and resistance heating.

### AIR-COOLED INDUCTION HEATING SYSTEM

Designed for preheating applications up to 204 °C.

### LIQUID COOLED INDUCTION HEATING SYSTEM

Designed for preheating, hydrogen bake-out and stress relieving applications up to 788 °C.

### EASY SET-UP

Achieved using preheat blankets or flexible heating cables combined with user-friendly insulation blankets. Easy to install primary power through panel that does not require removal of sheet metal.

### 1 YEAR WARRANTY

For details, refer to Miller's True Blue warranty statement.

### APPLICATIONS

- Transmission Pipeline – Construction/Repair
- Pipe Fabrication Shops
- Power Piping – Construction/Repair
- Petrochemical – Construction/Repair
- Shipbuilding
- Mining Equipment Maintenance
- Drill Pipe Manufacturing
- Shrink Fit

INPUT POWER	OUTPUT FREQUENCY	RATED OUTPUT	INPUT AMPS AT RATED OUTPUT	KVA/KW AT RATED OUTPUT	DIMENSIONS (MM)	WEIGHT
400 - 460 V, 3 Phase 50/60 Hz CE	5 - 30 kHz	35 kW at 100% Duty Cycle	60 A, 400 V	39/37	H: 669 W: 552 D: 933	103kg

