



Heat Induction

Challenger Services offers a Heat Induction System designed to heat pipe joints to the proper temperature necessary to meet weld procedure requirements. Heat induction occurs by placing the induction blanket around the end of the pipe joint and applying the power source. The power source produces an output frequency of 0-25 kw into the blanket. This system is capable of pre-heating 20" to 30" diameter pipe up to 450 degrees F. Heating time will vary depending on the pipe wall thickness and the ambient temperature in the work area.

Options

Heat Induction Blankets are available in most large pipe sizes and may be made to suit some smaller sizes. Please contact Challenger Services for complete details.

Controls

Power is supplied to the blanket by use of the Miller Intellifire 250 power source. It provides infinite control over a range from 0-25 kilowatts. A 36" joint of pipe with a wall thickness of .625 will heat to 100° F in one (1) minute.

Blanket Sizes

Heat Induction Blankets are available in most large pipe sizes and may be made to suit some smaller sizes.