



Removable HT Insulation Jacket for Injection Moulding

The Challenge:

Uninsulated injection mould barrel heaters were contributing to thousands of dollars in lost energy costs for a leading North American plastics extrusions company. The company also recorded a significant number of employees who experienced (OSHA-recordable) burn injuries from the exposed barrel heaters. The challenge was to reduce energy costs and increase employee safety.



The Worbo Solution:

Utilizing Worbo's patented triple layer removable HT Insulation jacketing system the company was able to reduce its energy cost by 35%. Within 7 months the cost of the HT jacketing system paid for itself! This removable insulation system was designed to fit around electrical connections and thermocouples for easy installation.



The company also experience the added benefit of reduced start up times as the insulation layer enabled the barrel heaters to reach operating temperatures much more quickly.

In addition the company reported zero burn injuries in the first year of operation with the HT jacketing system in place!

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