

THERMAL PROCESSOR DESIGN WORKSHEET

Customer Information

Customer: _____ Quote #: _____
 Address: _____ Date: _____
 Name: _____
 Contact: _____
 Phone: () _____
 Fax: () _____
 Email: _____



Material Properties

Material: _____ Density: _____ (Lb/Cu.Ft.) Specific Heat: _____ (BTU/Lbs-°F)
 Capacity: _____ (CFH) (LBS/HR) (TPH) Lump Size: _____ In Moisture Content: _____ %
 Processor is Fed by: _____ Processor is Feeding: _____

Thermal Properties

Thermal Type Heating Cooling Material inlet Temp.: _____ °F Material Outlet Temp.: _____ °F
 Cooling/Heating Media: Water Glycol Hot Oil _____
 Media Inlet Temp.: _____ °F Media Pressure: _____ PSI Media Flow Rate: _____ GPM
 Trough Internal Pressure Requirement: _____ PSI Process Connections: _____

Layout Requirements

Qty: _____ Material of Construction: Carbon Steel 304 SS 316SS _____
 Drive Location: Inlet Discharge Horizontal Incline: _____ ° (Max 10° Incline)
 Inlet Size: _____ Discharge Size: _____ Max Overall Dims.: _____

Finish/Paint Requirements

Standard Clean Up Polish (120 Grit) Beadblast Exterior Surfaces
 Gray Enamel Paint (200°F) High Temperature Silver Paint (600°F)

Special Instructions



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