Alhern-Martin 20-inch Mesh Belt Furnace

System Specifications

Original Manufacturer: Alhern-Martin
Year Built: 1990
Serial Number: #90-9500
Zones of Control: Two (2) Zones
Furnace Heating: Electric
Power Rating: 100 KW Zone #1
                200 KW Zone #2
Maximum Temperature: 2,100°F
Conveyor Width: 28” Wide Mesh Belt
Clearance Height above Belt: 8 1/2” Height
Length of Charge Table: 16 Ft Long
Length of Heating Chamber: 16 Ft Long Including
                            4’-4” Preheat
                            6’10” Transition
Length of Cooling Section: 40 Ft Long Total comprised of Four (4)
                            10 Ft Long Sections
Length of Discharge Table: 7 Ft Long Including
                            2 Ft Curtain Box
Overall System Length: 85 Ft Long Overall

Utility Requirements

Electricity: 480 Volts, 3 Phase, 60 Hz
Compressed Air: 80 PSI Clean and Dry
Natural Gas: 1,000 Btu/ft³ at 5 PSI Minimum
Cooling Water: 85°F Max @ 50 PSI