

Premier Furnace Specialists, Inc.



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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:	10 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/Ft ³ at 5 PSI Minimum
Cooling Water:	85°F Max @ 50 PSI