BELT CONVEYOR OVEN, Serial No. 650144
for heat treating coiled spring steel

-maximum operating temperature: 550°F
-workspace dimensions: 18" wide x 20' deep x 15" high
-1½' long open belt loading zone
-20' long insulated heat zone with recirculated airflow
-1' long open zone
-12' long cooling zone
-1½' long open unloading zone

-60 KW installed in Nichrome wire heating elements
-12" wide, ½" x ½" high carbon steel flat wire conveyor belt with ⅓ HP motor drive, variable from 16 to 44 inches per minute
-4200 CFM, 3 HP recirculating blower providing vertical downward airflow
-4" insulated walls
-aluminized steel exterior
-stainless steel interior
-Partlow MRC 7000, 10" diameter circular chart recording temperature controller
-two (2) 12" diameter tubeaxial fans each driven by a ½ HP motor to push/pull air through cooling zone

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