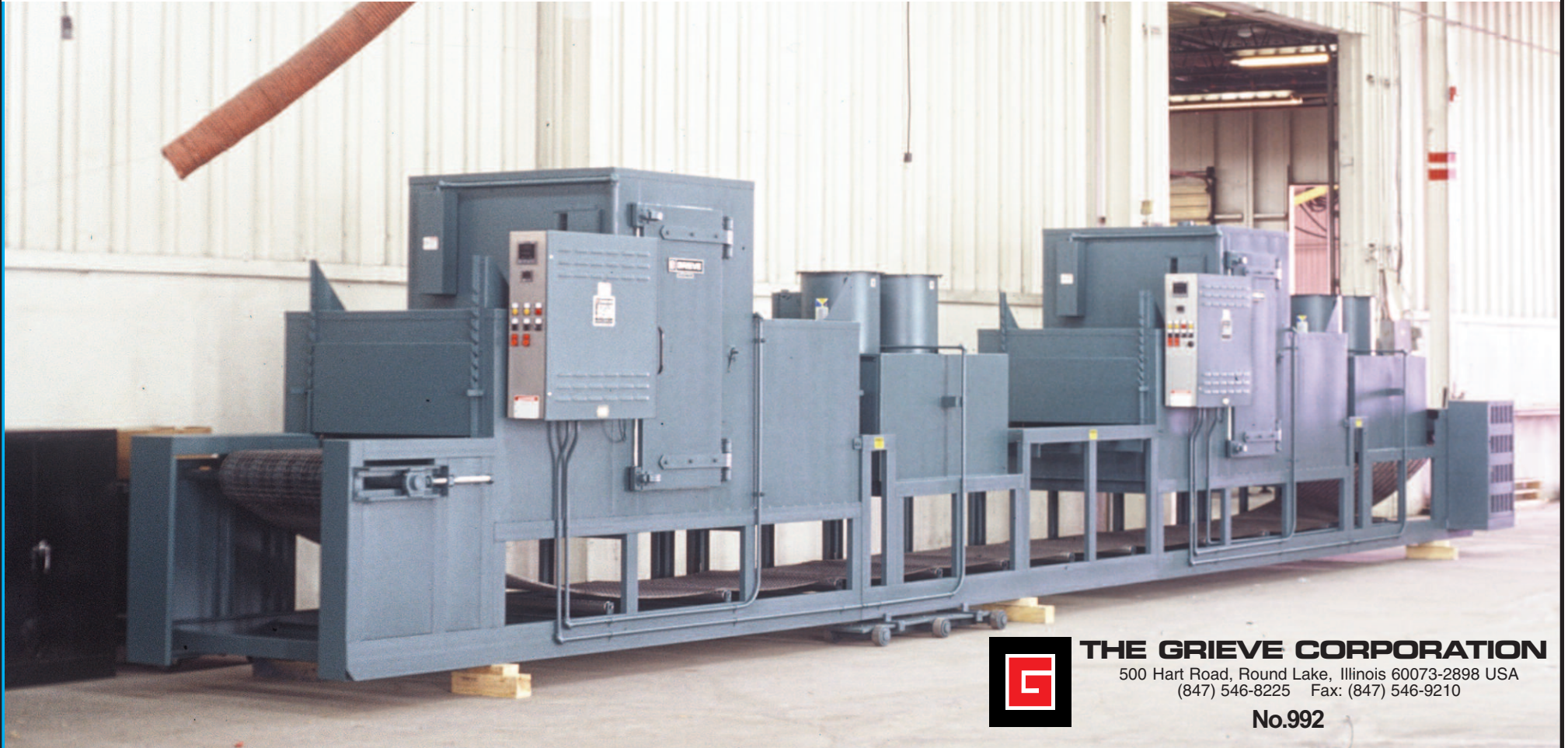


BELT CONVEYOR OVEN Serial No. 83155A0305

for drying and curing ceramic cement

- maximum operating temperature: 500° F
- two (2) zones each consisting of:
 - 2' long insulated, unheated entrance vestibule
 - 4' long insulated heat zone with recirculating airflow
 - 2' long insulated, unheated exit vestibule
 - 1' long open zone
 - 5' long cooling zone
 - 1' long open belt loading and unloading zones
- 48 KW (24 KW per zone) installed in Nichrome wire heating elements
- 30" wide, 1" x 1" high carbon steel flat wire conveyor belt with 1/3-HP motor drive, variable from 0.5 to 10 inches per minute
- 4000 CFM total from two (2) 2-HP recirculating blowers providing 2000 CFM vertical downward airflow in each heat zone
- two (2) 16" diameter tubeaxial fans each driven by a 3/4 HP motor to push/pull air through each cooling zone
- 4" insulated walls
- aluminized steel interior and exterior
- two (2) doors for access to workspace and heat chambers
- digital indicating temperature controllers
- manual reset excess temperature controllers with separate contactors
- recirculating blower airflow safety switches



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