

ROTARY HEARTH OVEN, Serial No. 660533

for heat treating machined shafts

- maximum operating temperature: 1000F
- work space dimensions: 24" wide x 11" deep x 30" high
- 24 KW installed in Incoloy sheathed tubular heating elements
- 26" diameter hearth constructed from overlapping steel plates with twenty-four (24) pipes to hold pin inserts to support machined shafts
- hearth driven by 1/4-HP motor through gear reducer with torque limiting device variable from 0.1 to 1.5 revolutions per hour
- 1000 CFM, 1-HP recirculating blower providing radiant horizontal airflow

- loading table in front of oven to hold extra pins
- cooling blower mounted beneath loading table cools parts in front middle 3 positions
- 8" thick insulated walls comprised of 2" of 1900F block and 6" of 10 lb/cf density rockwool
- aluminized steel interior and exterior
- digital indicating temperature controller
- manual reset excess temperature controller with separate contactors
- recirculating blower air flow safety switch
- 10" diameter circular chart recorder
- integral leg stand
- exhaust hood around openings in face of oven equipped with 130 CFM exhaust fan
- fused disconnect switch



THE GRIEVE CORPORATION

500 Hart Road, Round Lake, Illinois 60073-2898 USA
(847) 546-8225 Fax: (847) 546-9210

No.982