

**MODEL HD-304830-ATM INERT ATMOSPHERE
HEAVY DUTY BOX FURNACE, Serial No. 700056**
for heat treating titanium

- maximum temperature: 2000F
- workspace dimensions: 30" wide x 48" deep x 30" high
- 57 KW installed in nickel chrome wire coils supported by vacuum formed ceramic fiber
- roof mounted heat resisting alloy recirculating fan powered by a 1-HP motor with V-belt drive
- 7" thick insulated walls comprised of 5" of 2300F ceramic fiber and 2" of 1700F ceramic fiber, 6-1/2" floor insulation comprised of 4-1/2" of 2300F firebrick and 2" of 1200F block insulation
- motor operated vertical lift door
- inert atmosphere construction including continuously welded outer shell, high temperature door gasket, sealed heater terminal boxes, inert atmosphere inlet, inert atmosphere outlet
- inert atmosphere flow meter
- digital programming temperature controller
- manual reset excess temperature controller with separate contactors
- strip chart recorder
- cast alloy roller rails with 3-1/2" diameter cast alloy rollers
- roller rail loading table with 4" diameter cast iron rollers
- 100 lb. capacity alloy loading cart



THE GRIEVE CORPORATION

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

No.954