

Fig. 1. TWIN-CHAMBER DOUBLE-END UNDERFIRED ANNEALING FURNACES

These furnaces are equipped with a single large door to each chamber. This door furnished where it is necessary to have full width of chamber exposed. For extra wide chambers double doors are furnished, so that one side may be operated independently of the other. The sector and counterweight type of lift rig makes doors very easy to operate. These furnaces have no chimneys. The spent gases are discharged at the tops, governed by dampers and carried up and out of the building through sheet iron pipes as shown.

Size of chambers 5 ft. wide by 23 ft. 3 in. long. Door openings 5 ft. wide by 26 in. high at sides. Sill height 26 in.

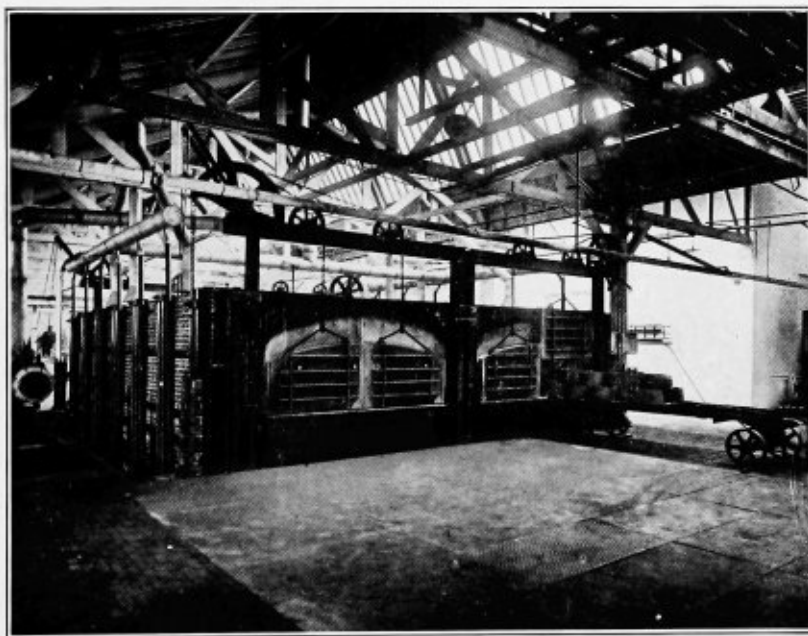


Fig. 2. TWIN-CHAMBER DOUBLE-END UNDERFIRED ANNEALING FURNACE

This furnace is equipped with divided doors because of the greater chamber width. Double file charges are handled, one file charged and withdrawn at a time. In this way the workmen are not exposed to the heat unnecessarily. Four 42 in. x 12 ft. panloads of metal of 3,000 to 6,000 pounds each may be charged in each chamber.

The furnace is heavily built and strong. Doors are heavily lined but are easily operated by segmental lifting attachments.

Size of chambers 8½ ft. wide by 28½ ft. long. Door openings, half, 4 ft. 3 in. wide; full, 8 ft. 6 in. wide, 23 in. high at sides. Sill height 26 in. Oil or gas fuel may be used.

In point of cost, mill room, capacity, fuel required, durability and general convenience and comfort of operation, as well as quality of metal annealed, this is one of the best rolling mill furnaces ever built.

We build larger and smaller sizes as required.

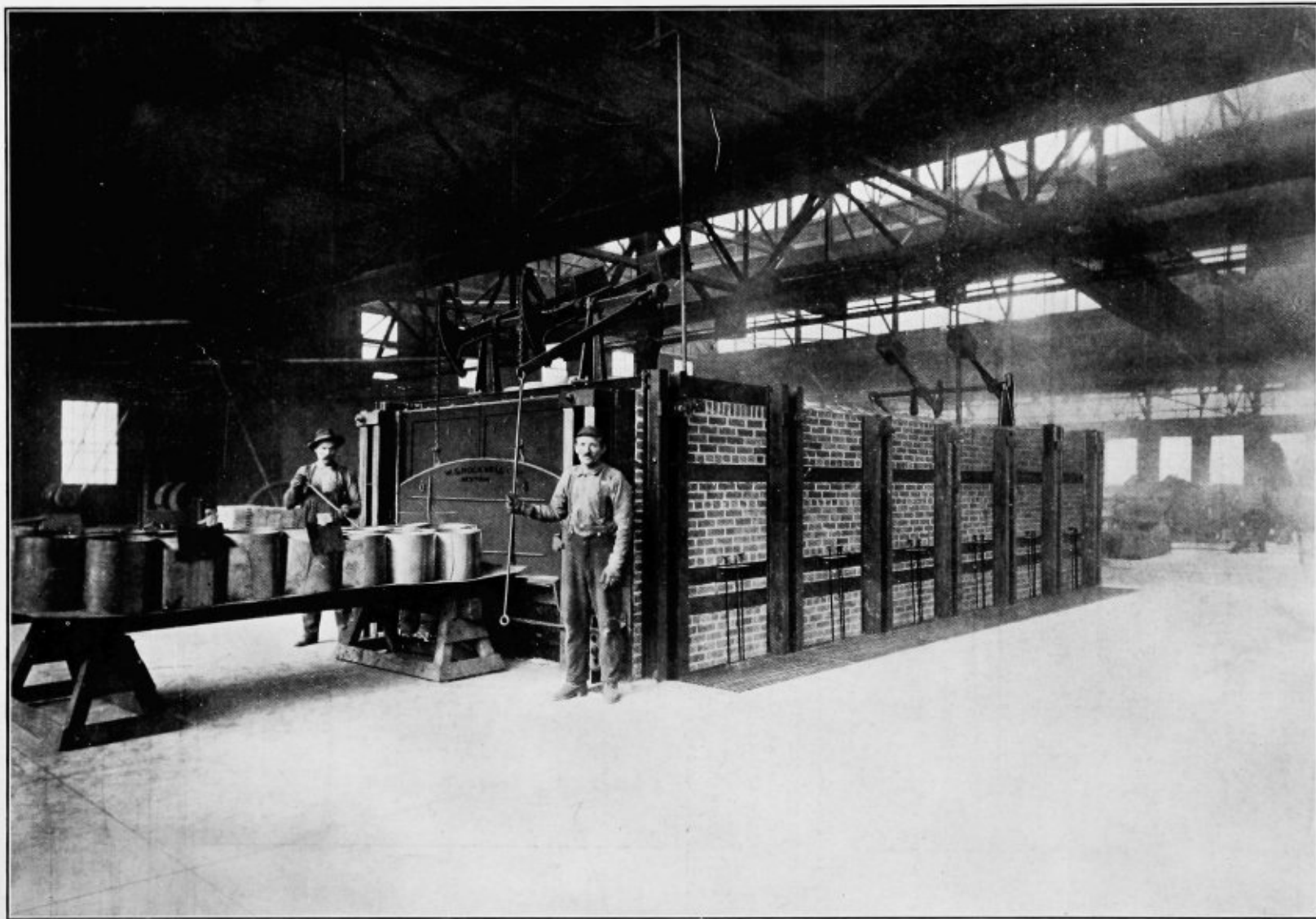


Fig. 3. SINGLE-CHAMBER, DOUBLE-END UNDERFIRED ANNEALING FURNACE

Ready to Charge a Load of Copper

Size of chamber $6\frac{1}{2}$ ft. wide by $28\frac{1}{2}$ ft. long. Door opening $6\frac{1}{2}$ ft. wide by $23\frac{3}{8}$ in. high at sides. Sill height 26 in. Oil or gas may be used as fuel.

