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The American Brass Company, Kenosha, Wisconsin. [195-?]

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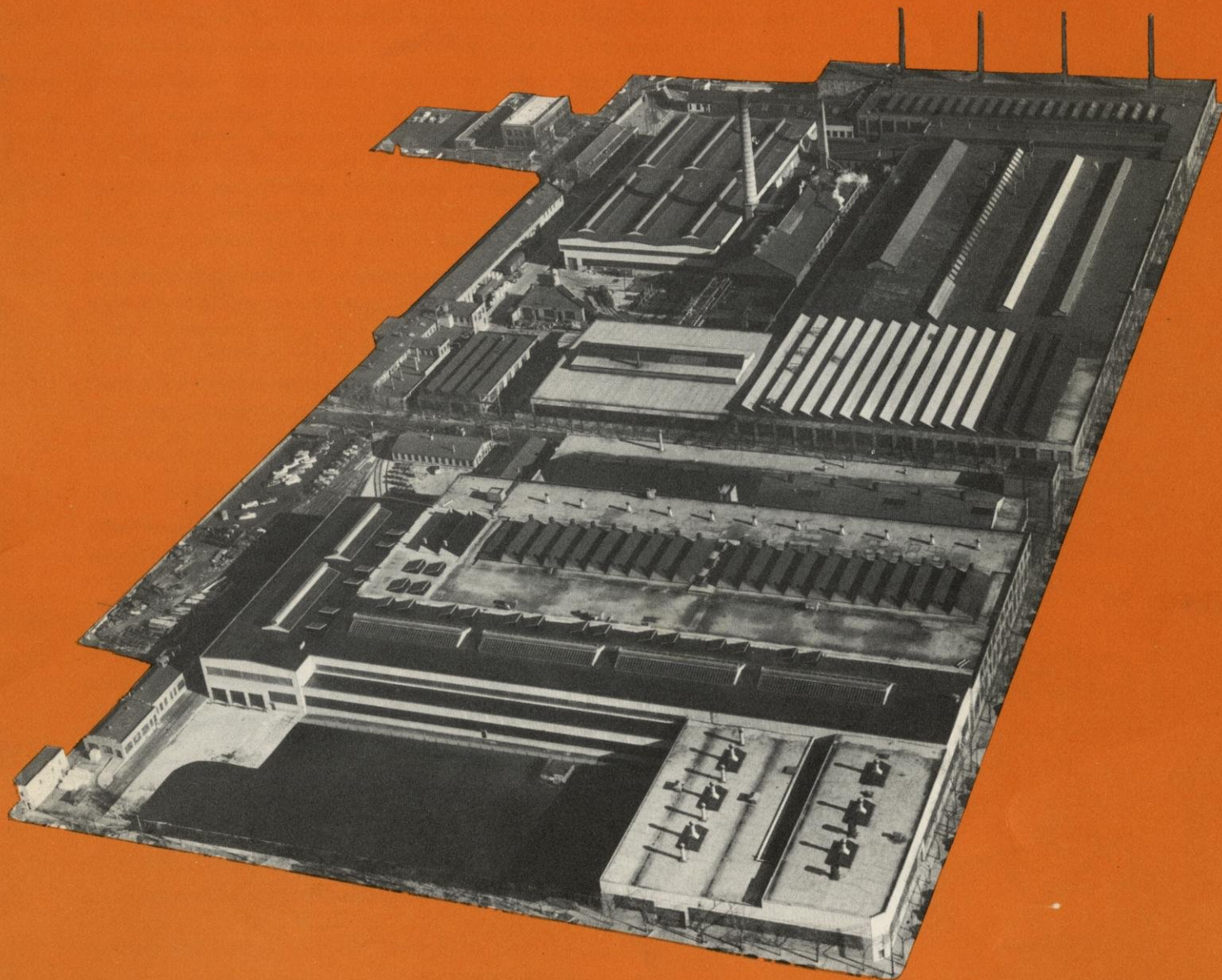
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THE AMERICAN BRASS COMPANY

KENOSHA, WISCONSIN



We have been producing brass and copper in Kenosha since 1886 and we are proud of our history in American Industry. Whether you are an old hand in copper and brass manufacture or making your first visit to a mill, we are sure that you are interested in the things we are doing here in Kenosha.

The men and women you talk with as you visit our company are part of a great team . . . a team of many workers in many cities which has for years held its position as the world's largest manufacturer of copper and copper base alloys. We think the materials and services we offer are the best in our industry and we're working together to keep it that way, and to insure that our children will be as proud of this heritage as we are.

R. H. Barden
VICE PRESIDENT

It all started in 1886 when . . .



. . . The Chicago Brass Company was organized by a Waterbury, Connecticut brass man and an executive of an Illinois watch company. The mill was originally equipped to roll brass, copper and nickel silver sheet and presses to produce parts for the watch company. Two years later facilities were added to manufacture brazed tubing and organ reeds.

1901

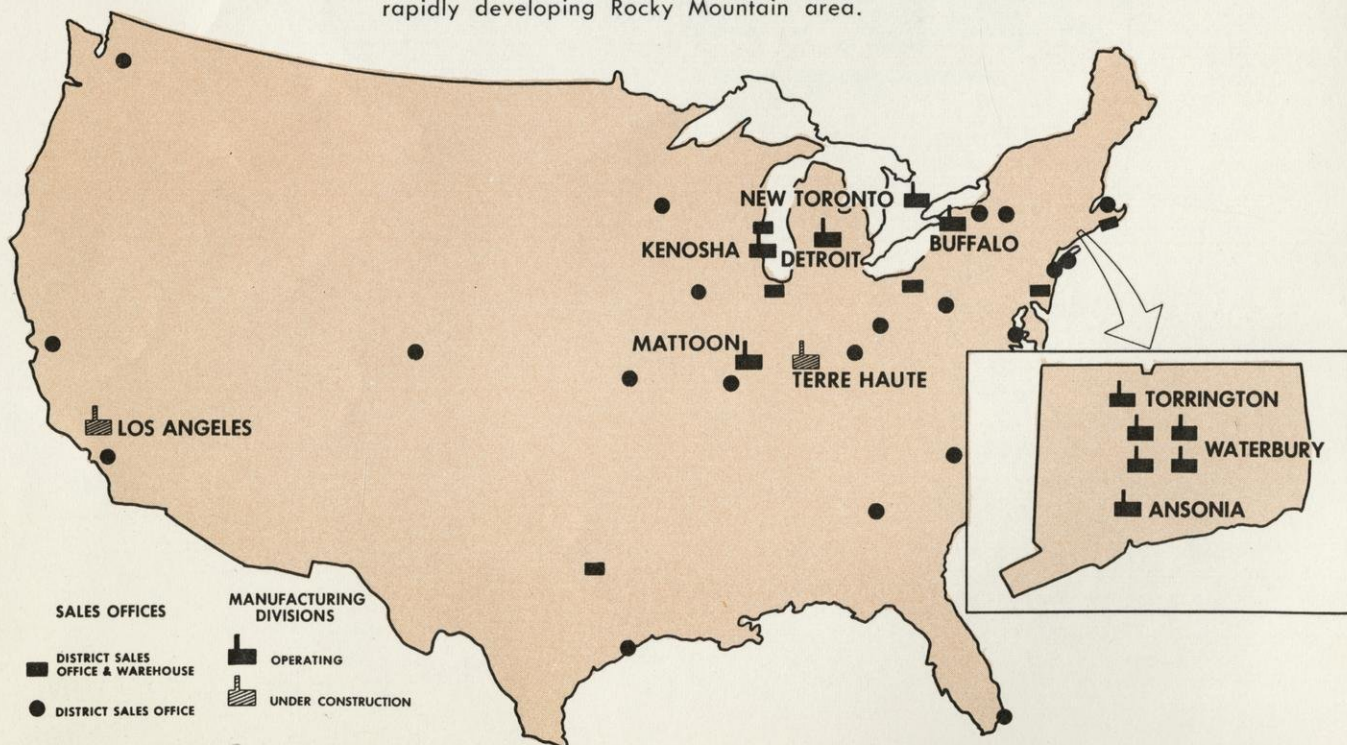
In 1901 we became part of The American Brass Company as a subsidiary of The Coe Brass Company, Torrington, Connecticut, one of the three firms that founded The American Brass Company. Our company prospered, expanding as new markets developed, and grew to become the largest manufacturer of copper and brass mill products in the United States.

1922

In 1922 The Anaconda Copper Mining Company (now known as The Anaconda Company) purchased The American Brass Company, adding the strength of ABC's manufacturing and selling organization to Anaconda's own leadership in mining and metallurgy. The association of these two great companies formed the world's largest copper and brass organization and the extent of its operations were well expressed in the slogan "From Mine to Consumer" which appears on the familiar Anaconda spearhead trademark.

TODAY

Today the Kenosha Division is a vital part of The American Brass Company. We have one of the most up-to-date plants in the country. During the last 5 years our Company has spent more than 35 million dollars in new plant equipment and facilities and we are happy to say that a large share of this amount was used for new machinery and buildings right here in the Kenosha Division. This is concrete evidence that our management intends to maintain its industry leadership in quantity and quality of products — a position which offers the best assurance of job security for the 1400 men and women in our Kenosha family. We are well located to produce copper and brass products for two of the most diversified industrial areas in the country . . . Chicago and Milwaukee. Within easy reach, too, are the important manufacturing and distributing centers of St. Louis, Kansas City, and Minneapolis, as well as the rapidly developing Rocky Mountain area.



L337-1-89

We've worked together a long time

Men and women of the Kenosha Division are proud of their long association as a producing team. 246 of our people have from 30 to 47 years of service and over 1000 have more than 10 years of service. Such a record could only have been achieved by people who understand each other and work well together.

There are good reasons for the loyalty that underlies our record of service. Advancement from within is a fact at The American Brass Company, where every man is given an opportunity to move ahead. In every part of our company, leadership has been given to men who have worked their way up through our own organization. Our company-wide training program is designed to prepare qualified young men for greater responsibilities in the fields of production, sales and finance.

The safety and well-being of American Brass people is continually emphasized. Our plant hospital, competently staffed with nurses and attendants twenty-four hours a day, is completely equipped with modern facilities. The use of safety shoes — which are furnished at cost — is encouraged throughout. Safety eye glasses and special protective equipment — required in certain types of work — is provided by the company at no cost to the employee.

Among the many "extras" that help provide security for the men and women of the Kenosha Division and their families are these protective benefits:

Low cost life insurance

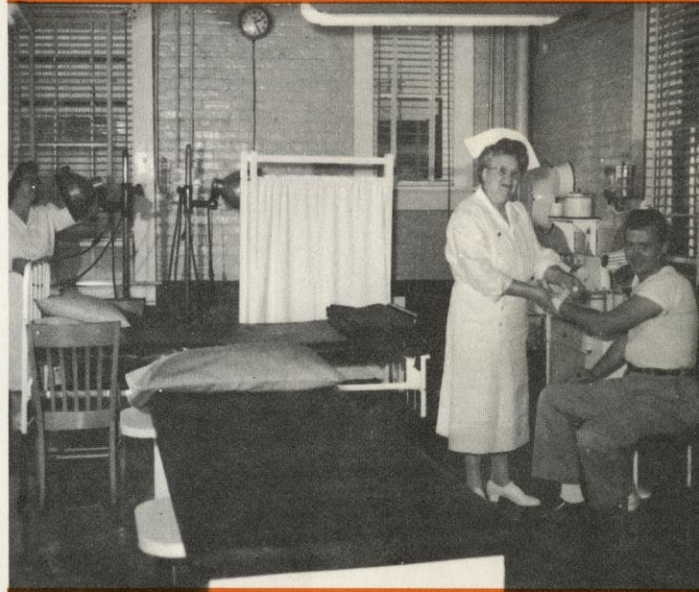
Pension program and paid-up life insurance for retired employees

Seven Paid Holidays

Vacations with pay

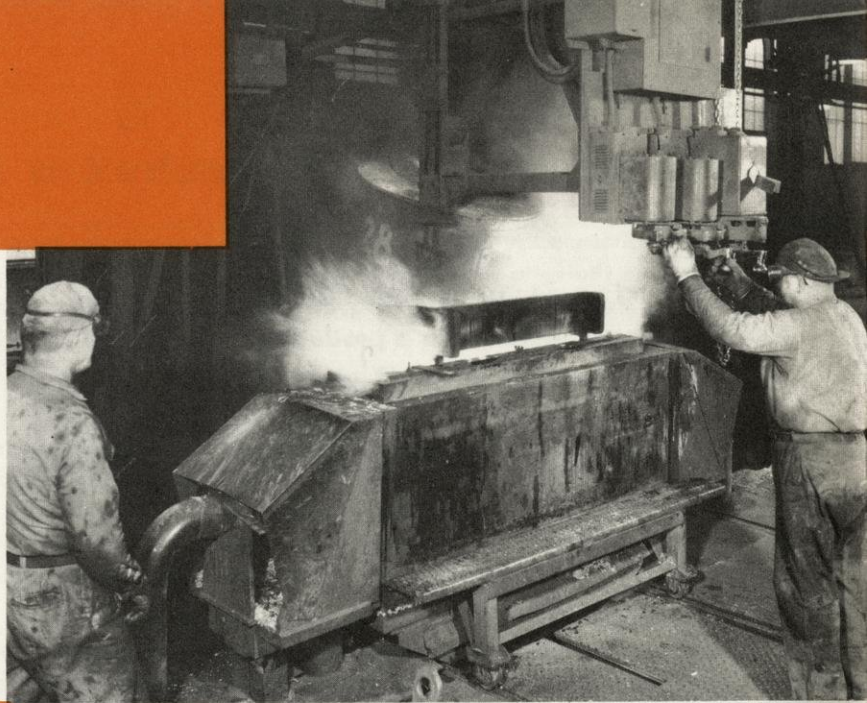
Sickness and accident benefits

Hospitalization and surgical coverage

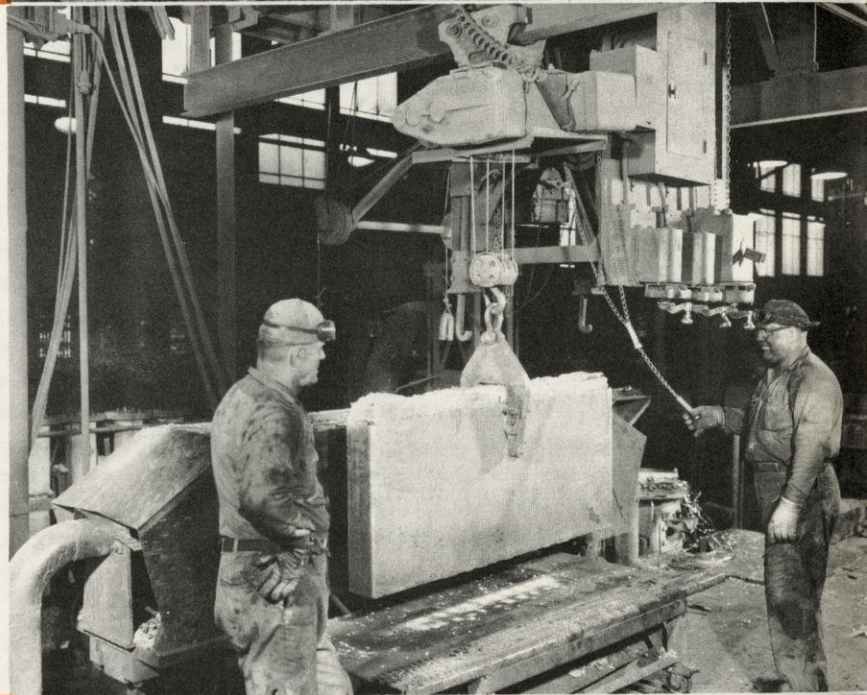


Casting Shop

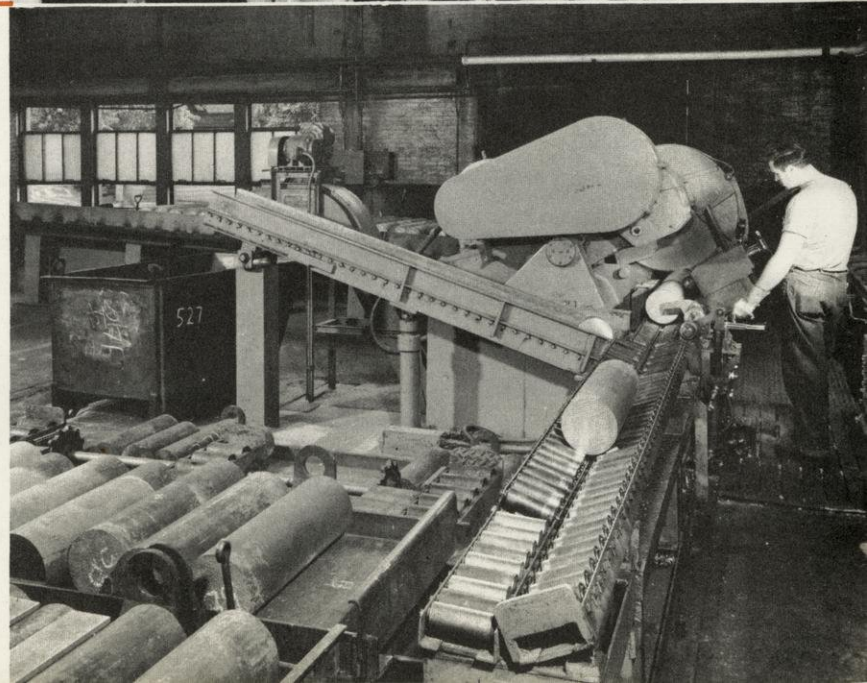
CASTING SHOP produces many different copper alloys in flat cake and round billet form. Exact proportions of raw materials such as copper, zinc, lead, tin and many others, are melted together according to the alloy needed, and poured into water cooled molds. Here the caster is pouring a 2400 pound cake which will eventually be sent to the sheet mill for rolling into sheet and strip.



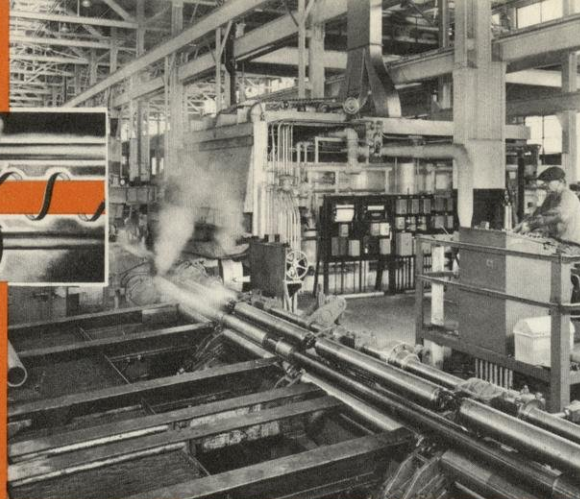
CAST BRASS CAKE is removed from mold after it has cooled and hardened solid. "Frosting" — or dross — on top of cake is removed by huge metal saws before removal to sheet mill for further processing.



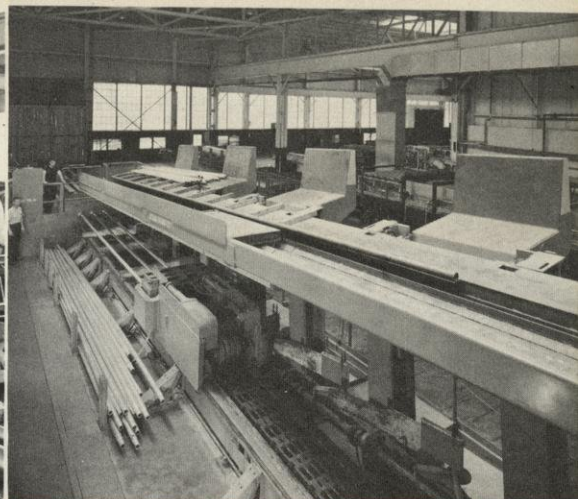
BILLETS of copper alloys are removed from molds, cut to required lengths, and sent to the rod mill for processing.



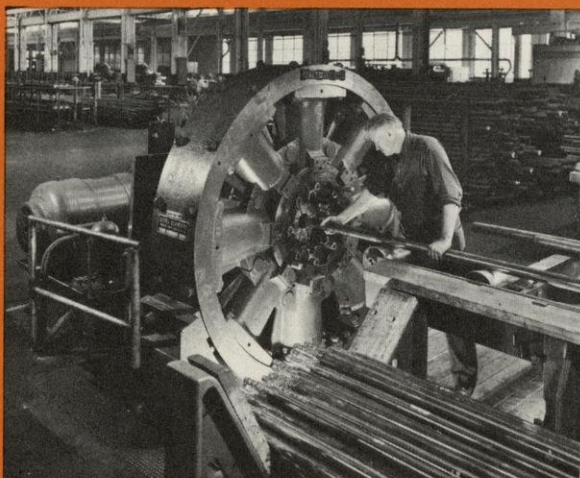
We make seamless copper and brass tubing



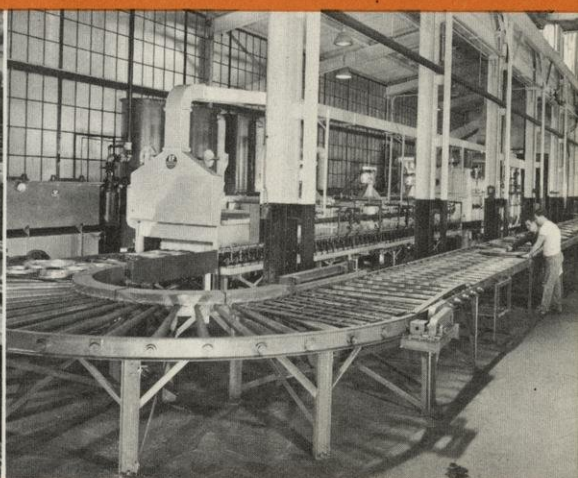
MANNESMANN PIERCING MACHINE converts solid copper and copper alloy billets 3" to 6" in diameter to seamless tubes ready for further drawing to reduce diameter and wall thickness.



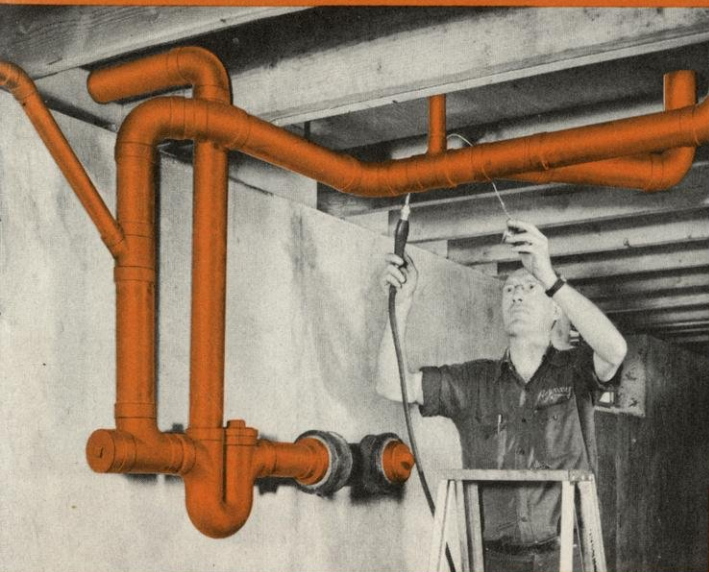
TRIPLE DIE DRAW BENCH is capable of drawing copper and copper alloy tube to lengths up to about 60', with a pull of 200,000 pounds. Loading and insertion of tube in dies is accomplished automatically from operators control panel.



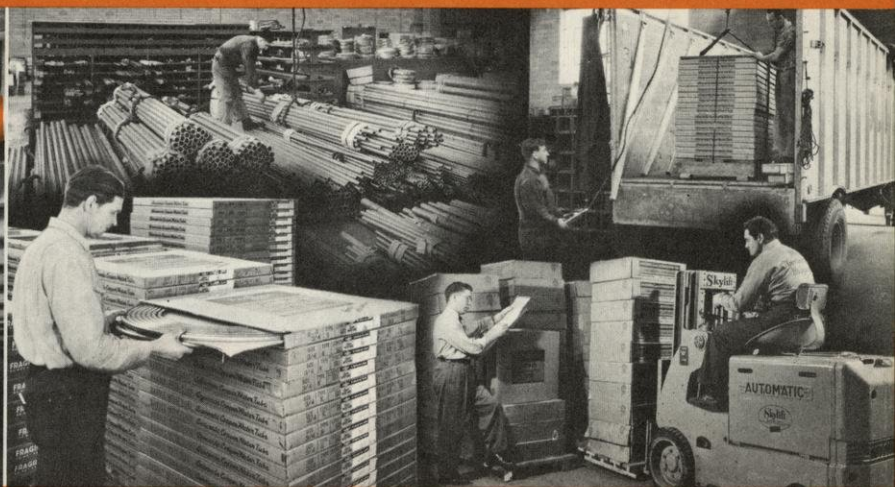
HYDRAULIC SQUEEZE POINTER has 8 dies and exerts 600 tons pressure on tube ends, reducing the diameter so that the tube may be inserted through the die opening in subsequent drawing operations.



ANNEALING FURNACE softens work-hardened copper water tube and refrigeration tube. Motor driven conveyors move the tube through the controlled heat furnace, through a cooling chamber after which it emerges, clean and bright . . . ready for shipment.

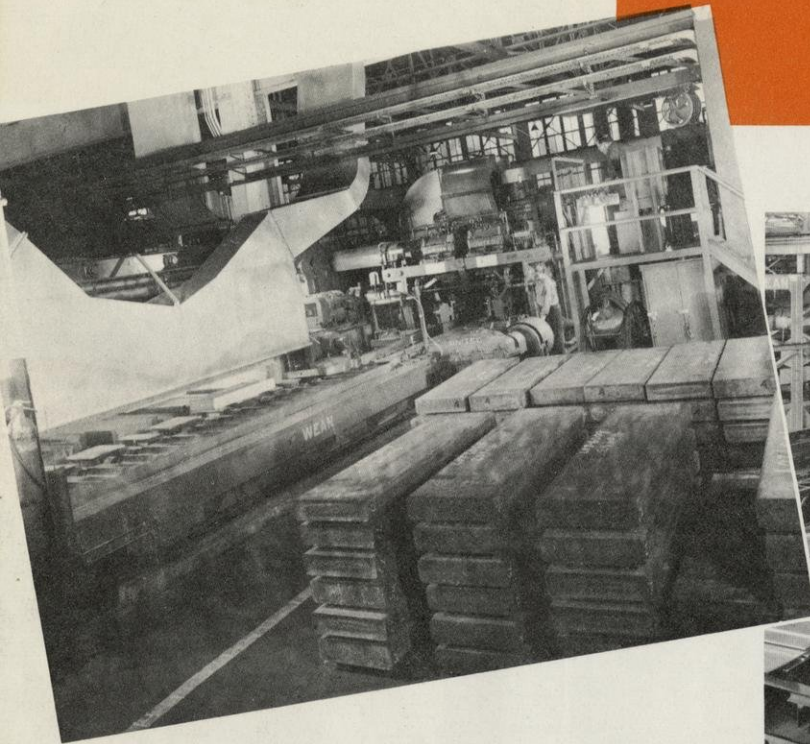


Drainage installations of Anaconda Copper Tube speed home building, add lasting value. Home buyers recognize all-copper plumbing as a sign of quality.

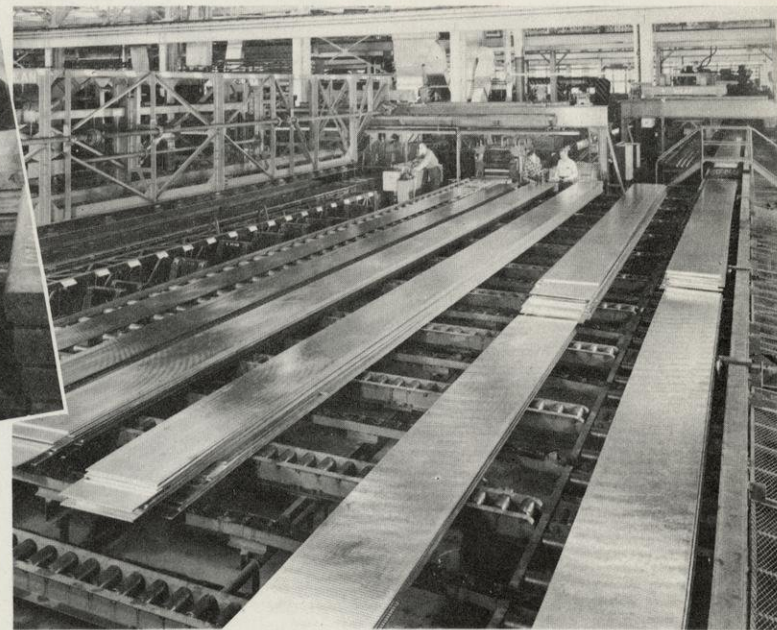


Seamless copper and brass tube in straight length and coils are produced and shipped to distributors and manufacturers for thousands of uses; water lines in homes, cooling lines in refrigerators, brass lamps and propane torches, to name a few.

We make sheet and strip for use by many industries . . .



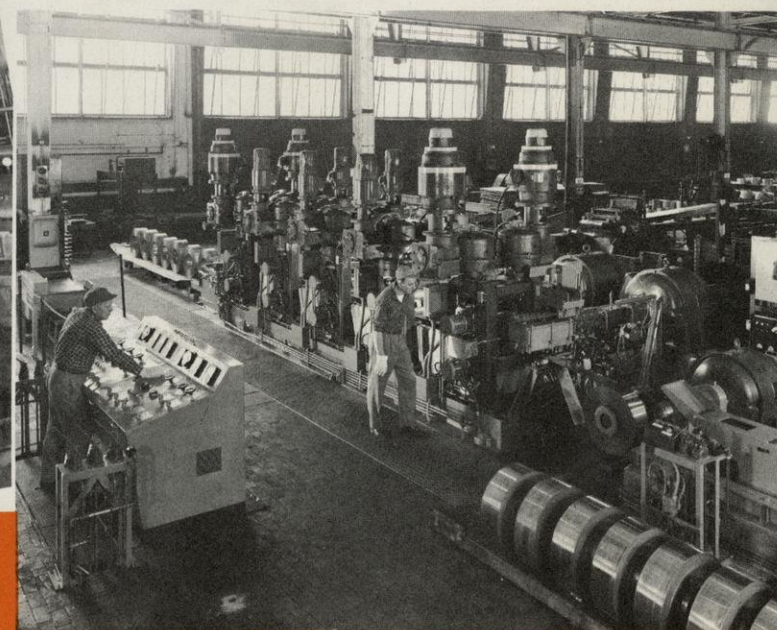
HOT ROLLING MILL is where all material in the sheet mill is started into production. Heavy copper and copper alloy cakes are brought to red heat in the furnace at the left of the picture. Motor driven conveyors roll the cake back and forth between rolls (center of picture) until the cake is reduced to a long, thin slab — up to 62 ft. in length — ready for further processing.



MILLING MACHINE cuts off blackened, oxidized surface of slabs received from the hot rolling mill, to insure perfect quality finished sheet and strip material. After milling, motorized conveyors move the slabs along to a cold rolling mill where the material is further reduced in thickness, and coiled.



FOUR-HIGH ROLLING MILL reduces the thickness of the metal, forming strip of the desired gage which is coiled. This mill is operated from control panel at left foreground.

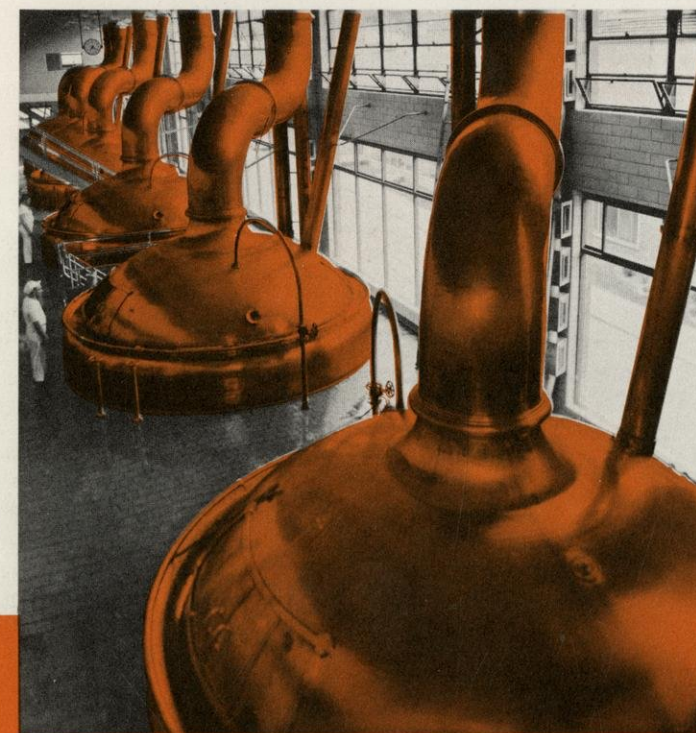


5-STAND TANDEM ROLLING MILL is used to produce thin strip at high speeds. Material passes through five sets of rolls at speeds up to 2000 feet per minute, producing precise thicknesses of copper and copper alloy material.

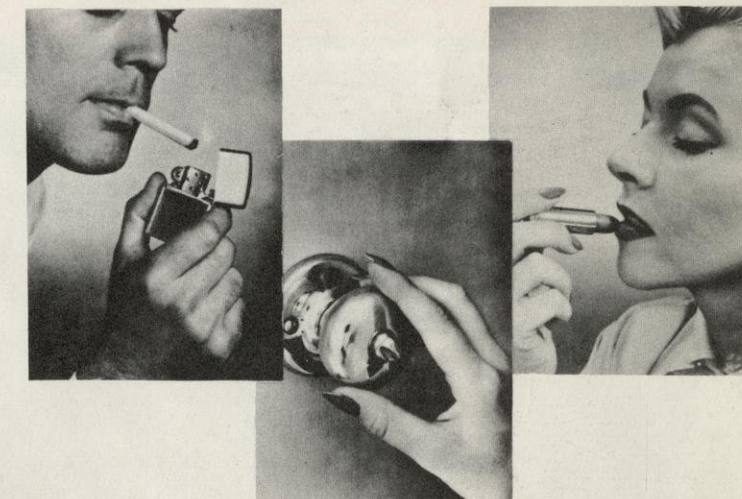
The Minneapolis City Hall and County Court House before the roofing was replaced with copper.



There are many applications for sheet copper in building construction. Outstanding among these is copper for roofing. The huge roof of the Minneapolis, Minnesota City Hall and County Court House used 180,000 pounds of our copper sheet. Copper roofs are known for their durability . . . very often outliving the buildings themselves.

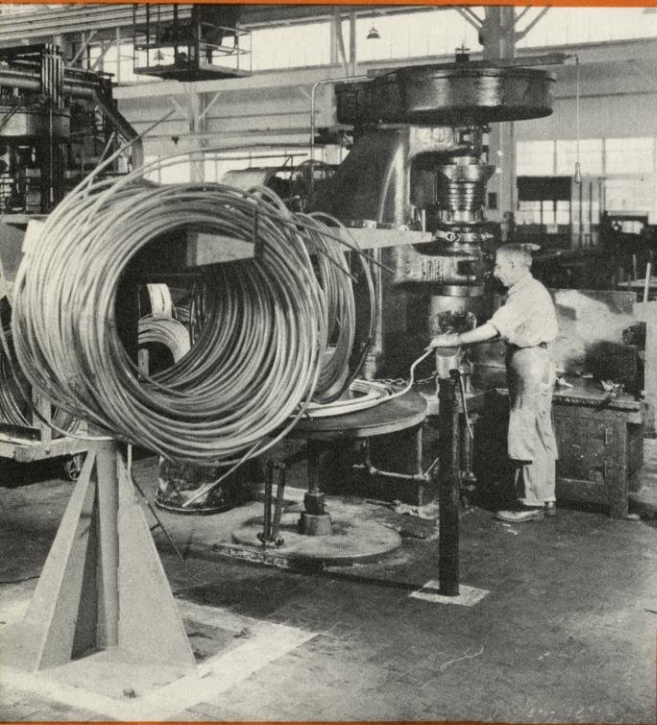


Copper has long been the friend of the brewer. The copper brew kettles you see here each hold 15,500 gallons of Miller High Life Beer. Each kettle contains over 5 tons of sheet copper produced by The American Brass Company.

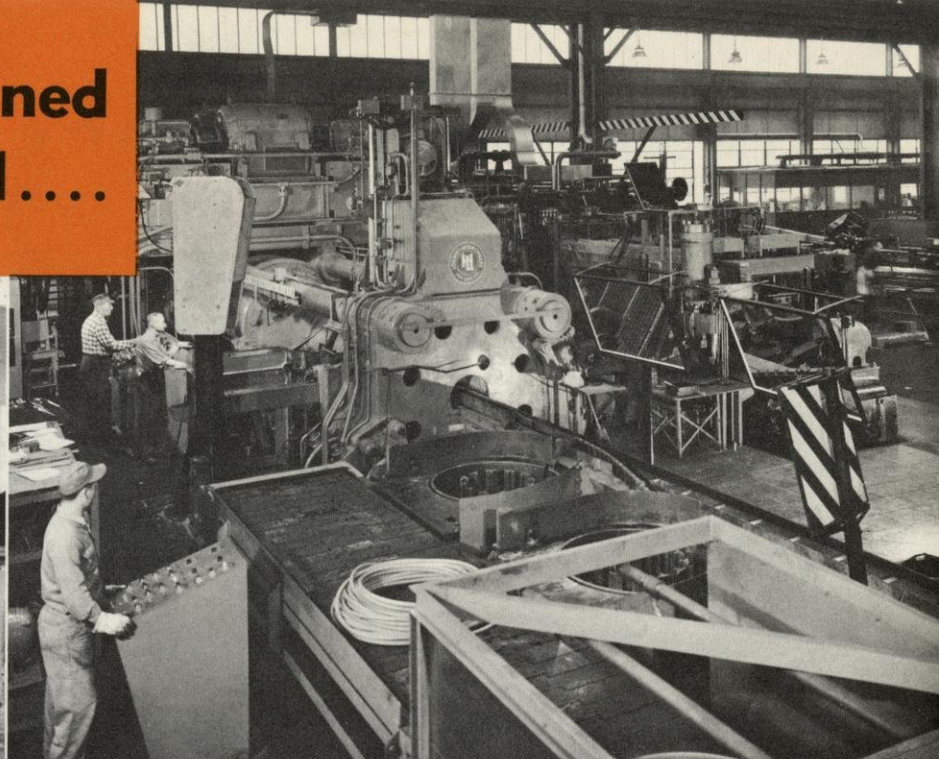


Formbrite is one of the most widely used sheet metal products produced by the Kenosha Division of The American Brass Company. Formbrite is the result of special rolling and annealing processes which produce a superfine grain structure in the brass which makes possible accurate, trouble free forming and easy polishing to a high lustre.

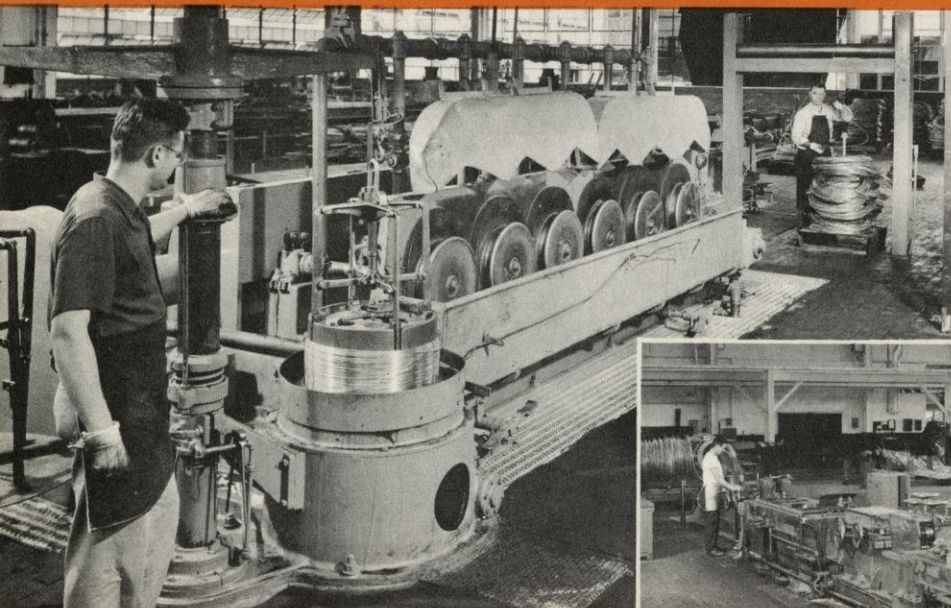
Brass Rod for machined products and



INVERTED DRAWING BLOCK reduces size of softened alloy rod in coils to the desired finished diameter. The finished coil automatically drops onto a table below the vertical drawing drum.



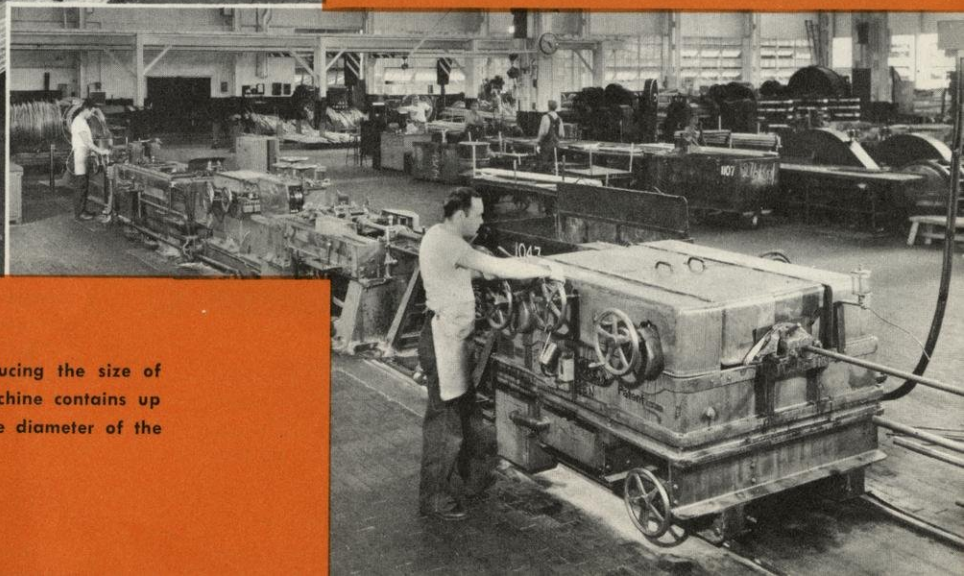
EXTRUSION PRESS converts solid copper billets and the copper alloys made in our casting shop, into rod, extruded shapes and alloy tubes. Billets to be extruded are first brought to an almost molten condition in the furnace adjacent to the press. Die block in the center of the picture holds the die that shapes the material as hot metal is forced through by up to 3000 tons pressure.



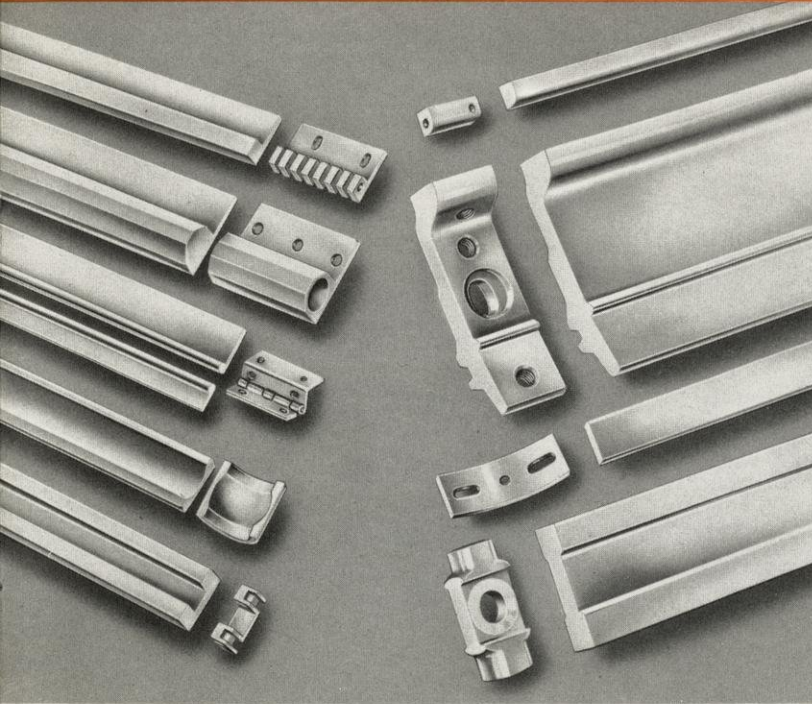
ABOVE
CONTINUOUS WIRE DRAWING MACHINE for reducing the size of small diameter copper alloy rod in coils. This machine contains up to seven dies in series . . . each die reducing the diameter of the wire as it passes through.

BELOW

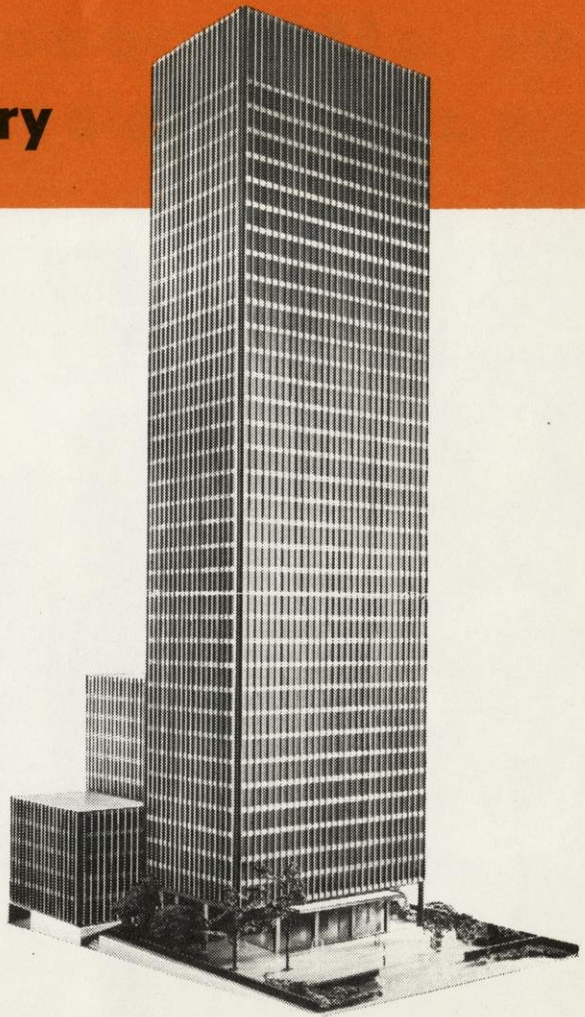
SHUMAG MACHINE for finishing rod. In one continuous operation, this machine reduces the diameter of the rod to the final size, straightens, cuts off, wipes and delivers finished material of predetermined length.



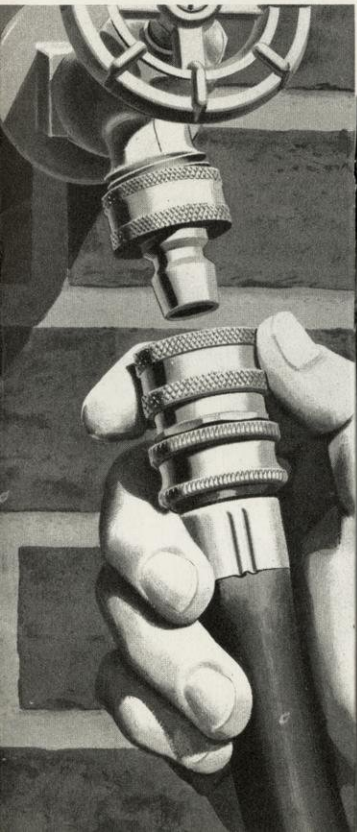
**....extruded shapes are
shipped all over the country**



Extruded shapes find many uses in industry where there is a need for intricate design. From door hinges to contact points for rheostats, our Kenosha men and women fill the needs of customers requiring finished parts at little machining cost.



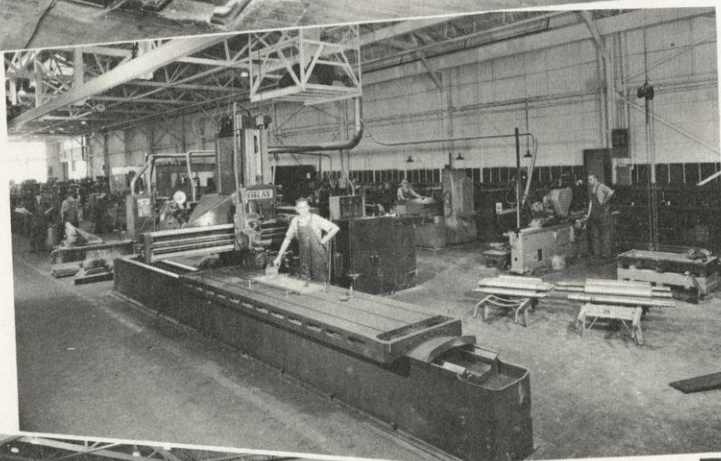
The world's first bronze skyscraper, the Seagram Building, is scheduled for completion during late 1957. The 38 story office building on New York's Park Avenue, is the first to be sheathed in enduring bronze. We are a major supplier of the extruded bronze shapes which will beautify the exterior of this building.



**Our office people are
equally important....**



The list of important services of our people is practically endless...



... and this is our Kenosha team; over 1400 of us dedicated to doing our job in helping The American Brass Company maintain its leadership in American industry.

FROM THE FILE OF
KENOSHA COUNTY
HISTORICAL SOCIETY



This is the famous Anaconda trademark known throughout America and the world as the symbol of leadership in the copper and brass industry.