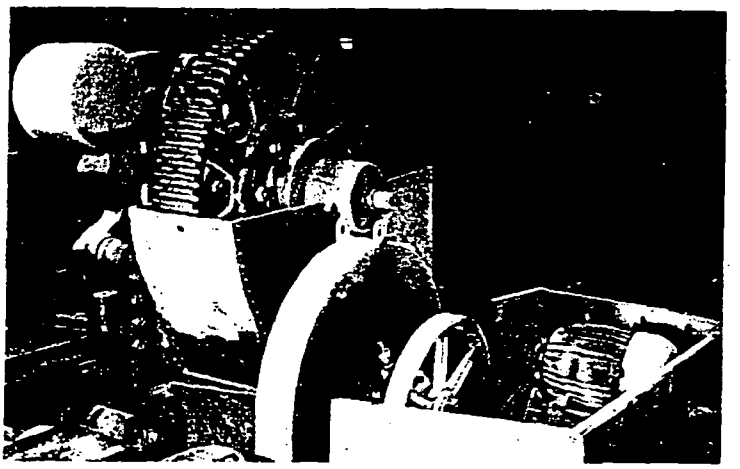
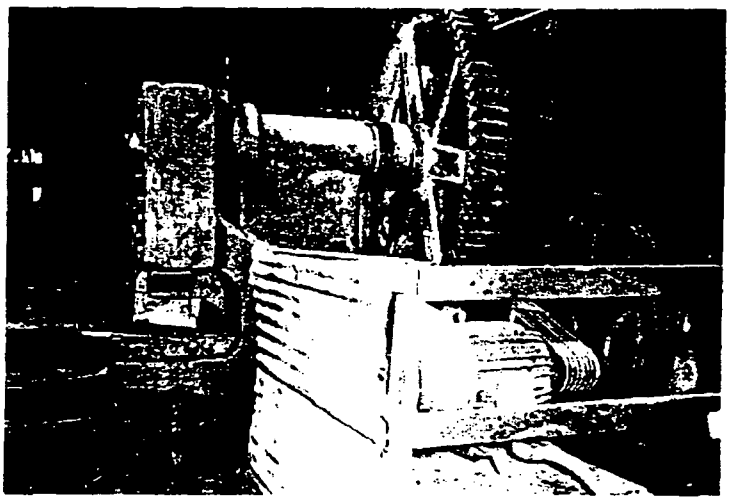
IN AN ALLOY STEEL MILL

ELLIOTT motors, at work in an alloy steel mill, are shown in the photographs reproduced on this page. Since much compressed air is used in the plant for operating three drop forge hammers, sandblasters, the doors of two electric furnaces, etc., air compressors are very important. The photograph below shows one of five compressor units used by the mill, four of which are in service around the clock.

The plant dates back to about 1898, at which time it was probably steam operated.

As motors are replaced in the shop, Elliott Crocker-Wheeler CFC totally-enclosed fan-cooled motors are installed, being particularly adaptable for a plant of this kind in which a dusty atmosphere is encountered. Besides the ones shown driving shears, there are several other Crocker-Wheeler motors operating cranes.





Elliott C-W high-torque, high-slip intermittent rating totally-enclosed, fan-cooled motors driving shears. Above—a 10-hp motor driving a 4-in. shear and below—a 20-hp motor driving a 6-in. hot shear.

An Elliott 350-hp, 600-rpm, 2300-volt synchronous motor drives a Fuller rotary compressor, one of five such compressors which furnish air for forging operations.

