

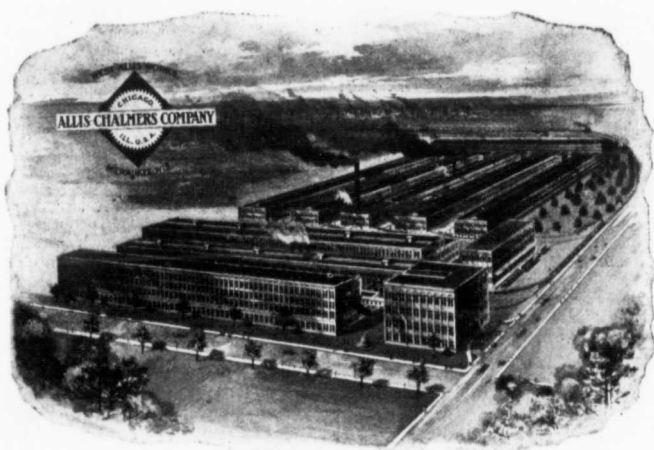
CATALOGUES, CIRCULARS AND TRADE NOTICES.

MESSRS. the Allis-Chalmers Company have moved the company's general offices from the Home Insurance Building to the New York Life Building, corner of La Salle and Monroe Streets, Chicago. This move is only another indication of the progressive spirit which prevails in the management of this strong industrial. The Allis-Chalmers Company has for the past two years been expending enormous sums of money in betterments at their various plants in Milwaukee, Chicago and Scranton, so as to give their customers the best possible service in point of economy and quick deliveries. The new offices of the Allis-Chalmers Company will provide ample space for the various sales departments and general business offices which will be conducive of the best possible service to their trade. To give a fair idea of the scope of the business enjoyed by the Allis-Chalmers Company, we will mention that during the past two months, orders for either engines, mining machinery, rock crushing machinery, sawmill machinery or flour mill machinery were booked from every State in the Union, besides the following countries: England, South Africa, Mexico, Canada, Chile, Central America, Brazil, British Columbia, Bolivia, Hawaiian Islands, Peru, Alaska,

end of an extended generator shaft; wheels to operate under a 390-inch head and run at a speed of 200 R.P.M. The nozzles are of the improved Pelton combination, deflecting and needle type, hydraulically balanced.

The Northern California Power Company, who have recently installed three 1,600-h.p. Pelton wheels to directly connect to Westinghouse generators, have now given the Pelton Company another order for two 3,000-h.p. units to operate under an 1,150' head. By means of flexible leather link coupling, power will be transmitted from both ends of each water wheel shaft to two 1,500 h.p. generators, which will run at a speed of 300 R.P.M. Maximum capacity of plant, 3,000 h.p.

The Gwin Mine Development Company, Valley Springs, Cal., are installing a hoist with a capacity of twenty thousand pounds at a speed of 1,200' per minute—power derived from two 9' diameter Pelton wheels having triple nozzles which are fitted with two hydraulic hoist operating valves, one valve to control the three gates on each nozzle. This will excel the capacity of the famous Utica hoist, which consists of two 10' Pelton wheels and lifts 18,500 lbs. from a depth of 2,000' at a speed of 700' per minute.



China and the Philippine Islands. Meanwhile, at the last meeting of the Board of Directors of the company held in New York April 15th, the regular quarterly dividend of 134 per cent. was declared on preferred stock. It is also reported that the volume of business on the books of the company to-day far exceeds that of any time since the organization of the company, notwithstanding the fact that the output of the plans has been increased to a large extent. We can see no abatement of prosperity in our various lines of manufacture. There seems to be an unlimited demand for all kinds of high-grade machinery, which is certainly a good indication that prosperity is enjoyed in all lines of manufacture.

During the last four months the Pacific Department of the Pelton Water Wheel Company has received contracts for water wheels for the largest and most important hydro-electric plants west of Niagara. In every instance the wheels must conform with the speed of the generators to permit of direct connection, and as the heads under which they operate are of both extremes, that is, from 65' to 2100', some idea of the adaptability and vast range of the Pelton apparatus in this comparatively new industry may be imagined. These important installations may be briefly described as follows:—

Vancouver Power Co., Vancouver, B.C.—To consist of three 3,000-h.p. units; 9,000-h.p. maximum capacity of plant. Each main unit to consist of two wheels, one to be mounted on each

Siskiyou Electric Power Company, of Yreka, Cal., are about to install their first 1,000-h.p. unit which consists of one Pelton wheel which operates under a 689' head and will directly connect to a 750-k.w. generator by means of a flexible leather link coupling.

Contracts for an interesting plant have just been let, by the Pike's Peak Hydro-Electric Co., Colorado Springs, Colo., which when finished will be the highest in the Western Hemisphere, both in altitude and operating head for the wheels—effective head being 2,100' and the plant will consist of three Pelton wheels each to directly connect to one 750-k.w. generator which will run at a speed of 450 R.P.M.

The whole construction of these wheels will embrace the highest grade of steel and U. S. Navy standard gun metal.

Other contracts netting 2,000-h.p. have either been installed or ordered during the last three months, and may be summarized as follows: Iowa & Mexico Mining & Milling Co., Tepic, Mexico; Gwin Mine Development Co., two 6' wheels for running their rock crusher plant, 300-h.p. 290' head, 217 R.P.M.; Brigham City Electric Light and Power Co., Brigham City, Utah, 800-h.p. 280' head, 300 R.P.M.; Corrigan, McKinney & Co., Concheno, Mexico, 150-h.p., 190' head, 85 R.P.M.; Kerkhoven & Mazel, Pasir, Naugka, Java, 800-h.p. 36' head, 76 R.P.M.; Oregon Developing Co., Cascades Calumet Manufacturing Co., Castle Rock, Ore., besides many others of smaller capacity requiring standard wheels.