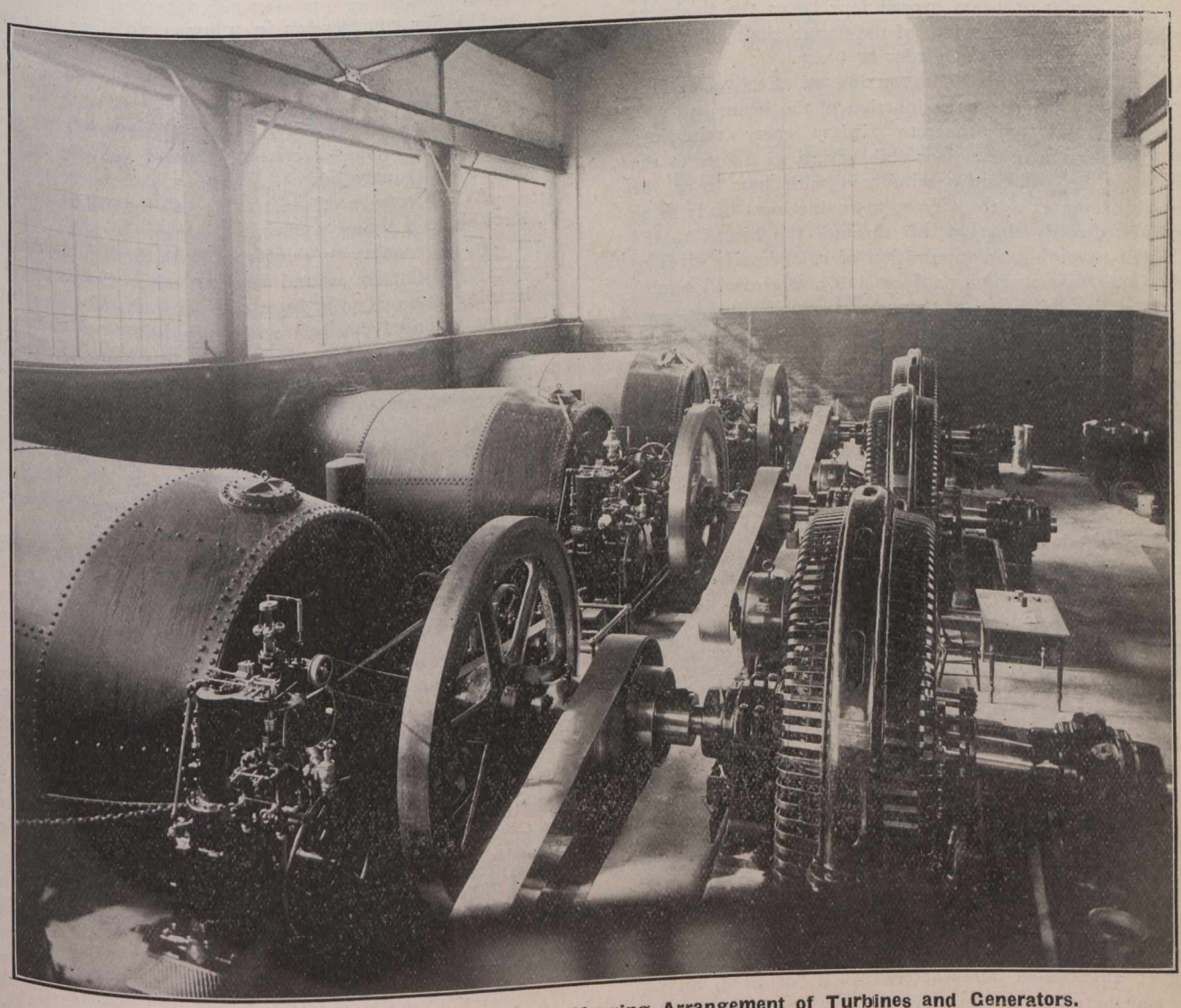
The paper machinery is in the central building, which is 276 feet long by 82 feet wide. In the basement of this building are eight large suction pumps, two large stock pumps, and the necessary water pumps. To propel at variable speed the paper machines two six-hundred h.p. steam engines have been provided. The exhaust steam from these engines will be used to apply heat for the drying of the paper. In order to eliminate the handling of broken paper by labor, a beater has been placed in the basement, and after the broken paper has been treated it will be pumped once more into the stock tanks. On the second story are two Fourdrinier paper machines of the latest type. Each of these machines is capable of manufacturing a sheet of newspaper 156 inches wide, at 600 feet per minute. Each machine will have a capacity of 50 tons daily. At the north end of the machine room a gallery has been arranged, which contains four pneumatic save-alls. The water from the machines is pumped to these save-alls, and in this manner every particle of stock that the water contains is saved. A system has been arranged for the economic handling of the paper product from the machine to the finishing room.

The building in which the paper product is finished is 154 feet long and 92 feet wide. The upper story is used to finish the rolls of paper, while the lower story is designed exclusively for storage. Railroad tracks have been installed on each side of the building, with loading platforms designed for the economical loading of the paper into cars.

All the buildings connected with the paper plant are equipped with steel window frames, concrete window sills and steel lintels, with single and double glazing. The entire design of the buildings was considered with a view of installing two more paper machines at a later date, which, in view of the arrangements made, may be done at small expense. A steel water tank, 100 feet high, possessing a capacity of 50,000 gallons, has been erected, thus assuring the company in its operation a continuous supply of water pressure, as well as good sprinkling system in case of fire. Cast iron water mains have been laid round the entire plant, and a large number of hydrants, hose houses and reels have been provided, arrangements which have met with the entire approval of the Fire Underwriters.



General View of Interior of Power House, Showing Arrangement of Turbines and Generators.

The paper mill, now being completed, will give the company the following production:—

Newspaper	100 tons daily
Mechanical pulp	107 " "

Provision has been made so that the paper mill capacity can readily be doubled at minimum capital expenditure.

The hydraulic and steam power equipment will be described more fully in a succeeding article.