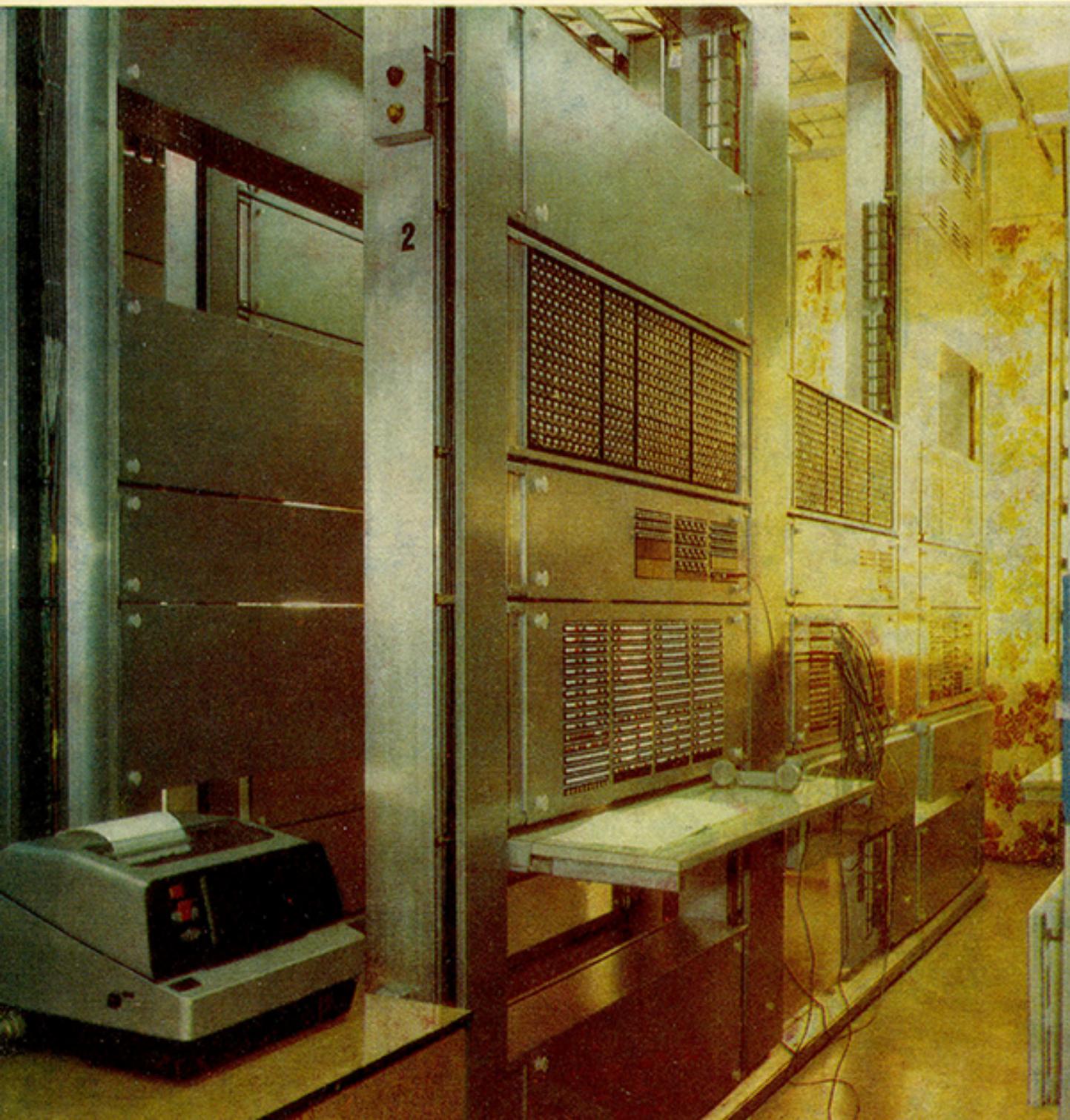


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POLISH TECHNICAL REVIEW





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HEATING TURBINES

Poland's power industry occupies the second place in the world as regards the amount of heat generated for heating purposes within an integrated heat and power economy. A considerable role in the above development is played by the ZAMECH, Elbląg Works which are manufacturing back-pressure and extraction-condensing turbines for this purpose. The article on p. 2 discusses the main types of heating turbines, the basic solutions applied in them (some of them unique and patented).

WATER BOILERS

In times when it is imperative to save power, an over 10% increase of boiler efficiency is a noticeable achievement. It has been obtained by the Polish designers of Type KR hard power coal fired boilers. The modernity of these boilers consists, among other things, in the high degree of automation of combustion and operation. For design details see article on p. 6.

TEXTILE MACHINERY

Textile waste materials and used textile products are a valuable material for the production of carded fabrics, blanket fabrics, flannel coatings and suitings, and needle, stitched or glued non-woven materials, etc. Polish industry, partly in cooperation with other countries produces complete sets of machinery for the utilisation of wastes. The article on p. 13 discusses in detail tearing and opening sets, yarn-spinning machines and machines for the manufacture of non-wovens. The article on p. 16 deals with a modern yarn-doubler which traditionally belongs to the assortment of textile machinery but is adjusted to the production of yarn beams destined for new production processes.

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