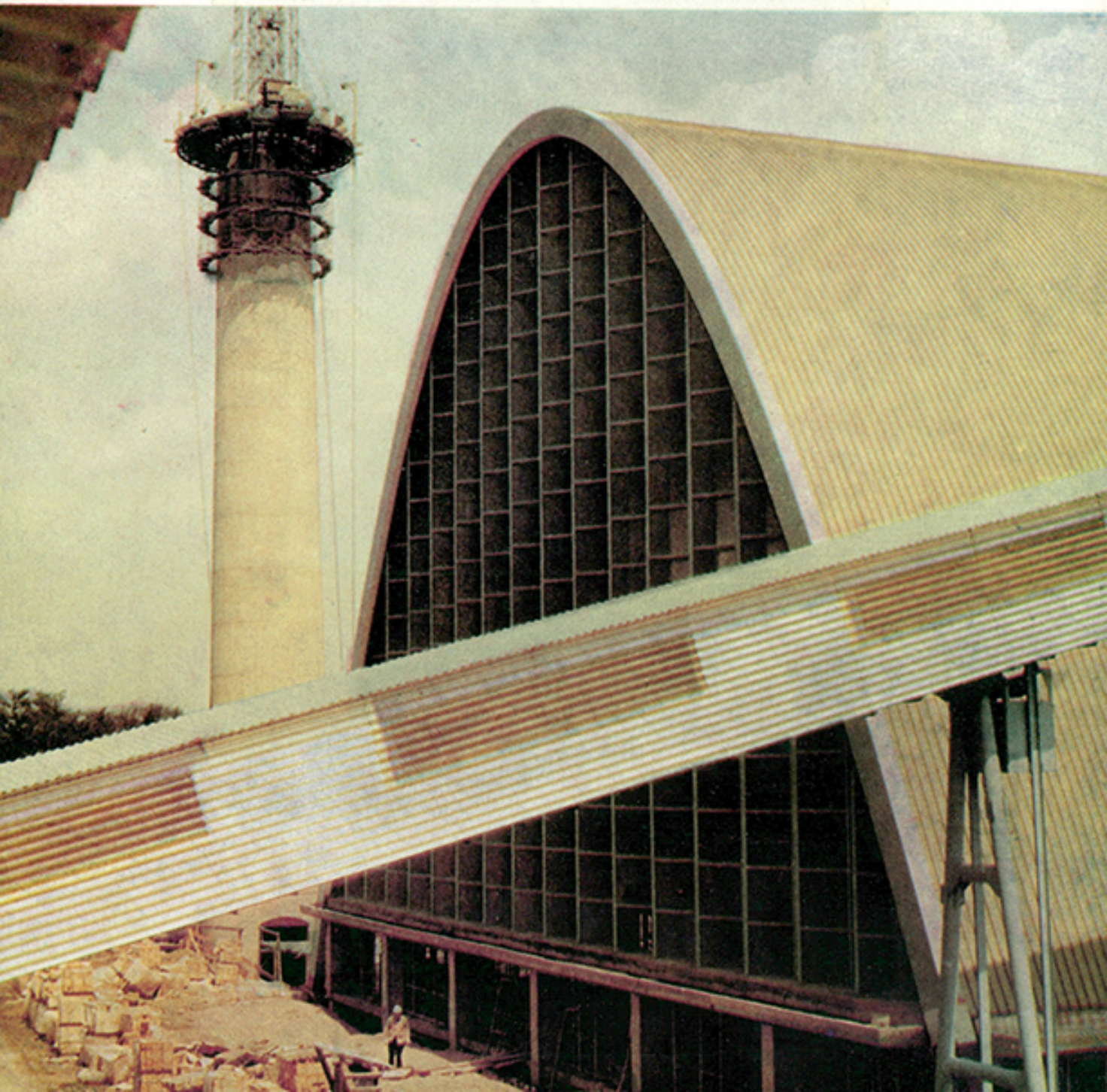
8 1976

POLISH TECHNICAL REVIEW



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CONTENTS

Metal machining

Three articles in the present issue bring information on new achievements of the Polish machine tool industry. The electrochemical deburring machine designed in the Cracow Institute of Machining eliminates all the shortcomings occurring during machining, it is highly efficient and reliable, enables to remove burrs from hardly accessible areas and allows for an automation of the process. Another new development are heavy-duty lathes from POREBA enabling a high-precision machining of workpieces weighing up to 30 tons. An article has been also devoted to a new system of numerical control of various types of lathes. The system guarantees work reliability, easy operation and service.

Cement from industrial wastes

Professor Jerzy Grzymek is the author of a method of producing cement and other products from industrial wastes. Professor J. Grzymek has developed a new method of disintegration of waste materials based on polymorphous transformations of calcium orthosilicate. This method has allowed to start a factory producing high-alite Portland cement as well as aluminium oxide and hydroxide.

Enamelling furnaces

The Tunnel Furnace Design and Supply Office BIPROPIEC in Cracow is engaged in designing and constructing enamelling furnaces and driers. The offer includes gas-, liquid-fuel-fired and electrically-driven furnaces. The work cycle is fully automatic except for loading and removal of products from the conveyor which are done manually. The control and measuring equipment guarantees an automatic control of work parameters.

Subscription orders should be addressed to the "Ars Polona-Ruch", 00-950 Warsaw, P.O.B. 1001, Krakowskie Przedmieście 7 or to one of the representatives of this firm abroad.
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