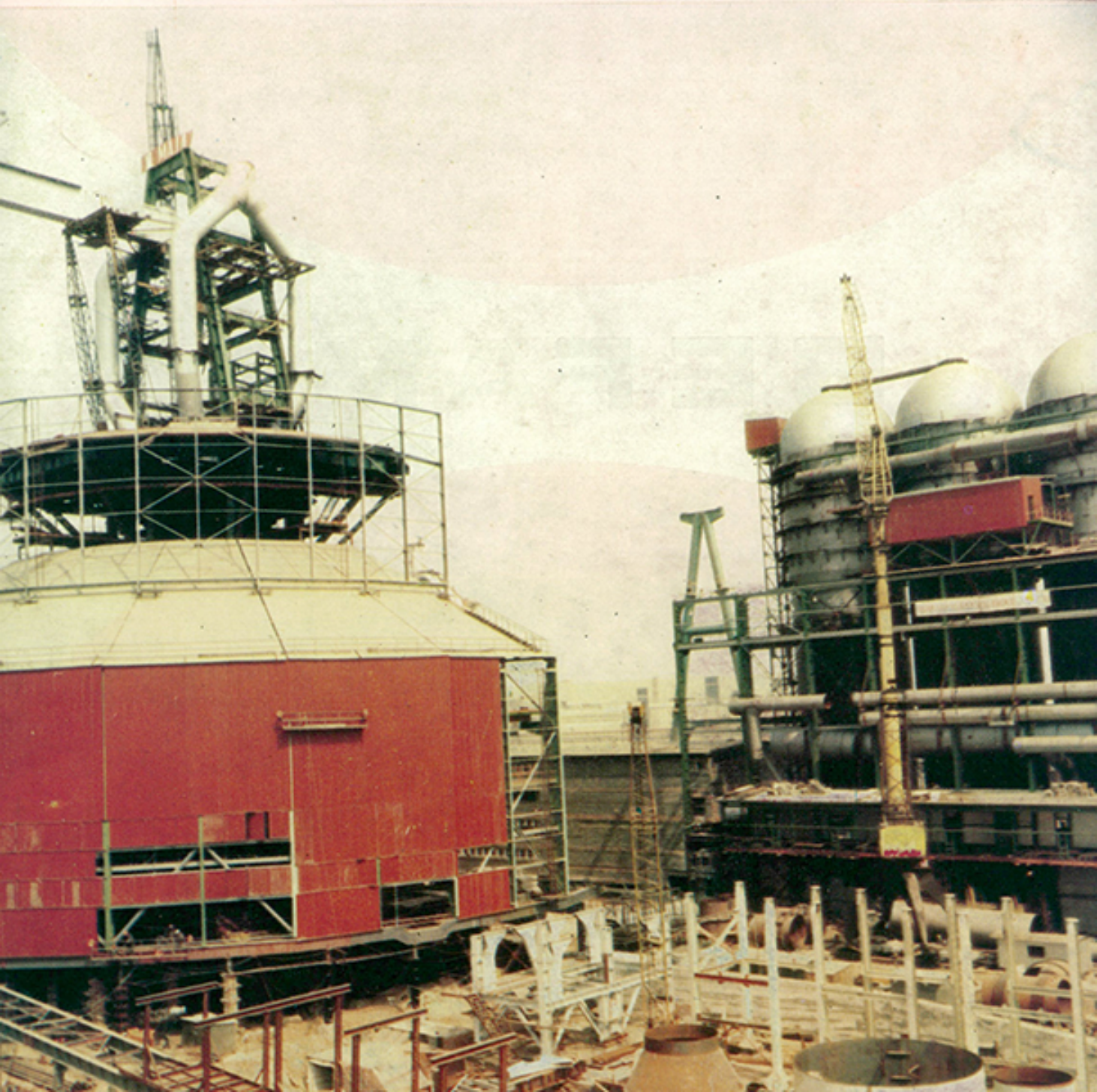




POLISH TECHNICAL REVIEW



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We wish our readers many
happy returns
of the year 1977

Polish Technical Review

CONTENTS

METALLURGY

Prospects of iron metallurgy in Poland . . . 2

COOPERATION WITH ABROAD

The cooperation of the machine-building industry of Poland, Italy and the FRG . . . 6

ELECTROTECHNICS

Electric rolling mill drives in the Katowice Steelworks . . . 8

Disc motor . . . 11

FOOD INDUSTRY

The extraction of slices with an addition of sulphurous acid and calcium bisulphite . . . 12

Increasing the sugar beet pulp output . . . 14

MOTOR INDUSTRY

Autosan H9 urban bus . . . 16

Type H-4 halogen car bulb . . . 17

MISCELLANY

1976 State prizes . . . 18

Weighing equipment from Lublin . . . 19

NEW BOOKS . . . 21

ECONOMIC SURVEY . . . 20, 21

IN BRIEF . . . 7, 11, 13, 15

Prospects of iron metallurgy in Poland

The accelerated pace of the modernization of the Polish industry has resulted in a very high increase of the demand for metallurgical products.

In the nine-year period from 1970 to 1980 the demand for steel will grow from 11.8 to 23 million tons. Deputy Prime Minister Franciszek Kaim has informed a group of Polish scholars about the methods adopted to satisfy this demand. An abridged version of Mr. F. Kaim's speech including information about the KATOWICE Steelworks is published on p. 2

Electric rolling mill drives in the KATOWICE Steelworks

The Polish iron and steel industry will obtain a new large steelworks which will have an annual output of 9 million tons of steel. A part of the equipment including electric installations for 12 stands of the billet mill, thyristorized converters and the roller tables drives for the medium and large rolling mill will be supplied by the Polish electrical industry. A detailed description of this equipment is presented by dr Jerzy Kardaszewicz on p. 8

Botier technology in sugar plants

The technology of sugar production is a subject to which Polish scholars devote much attention. Two articles in the present issue present the achievements of the Institute of Food Technology at Łódź Technological University. In the first article, Professor Stanisław Zagrodzki, eminent expert on sugar technology, presents the method of the extraction of slices with an addition of sulphurous acid and calcium bisulphite. This method enables to raise the purity of raw sugar by 0.6 ... 1.2 compared to the generally achieved purity of 88 ... 89 (p. 12). In the second article, Docent Helena Zaorska discusses a method of increasing the sugar beet pulp output. The attained increment of the mass of dry pulp is 0.90 ... 8.47 per cent (p. 14).

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