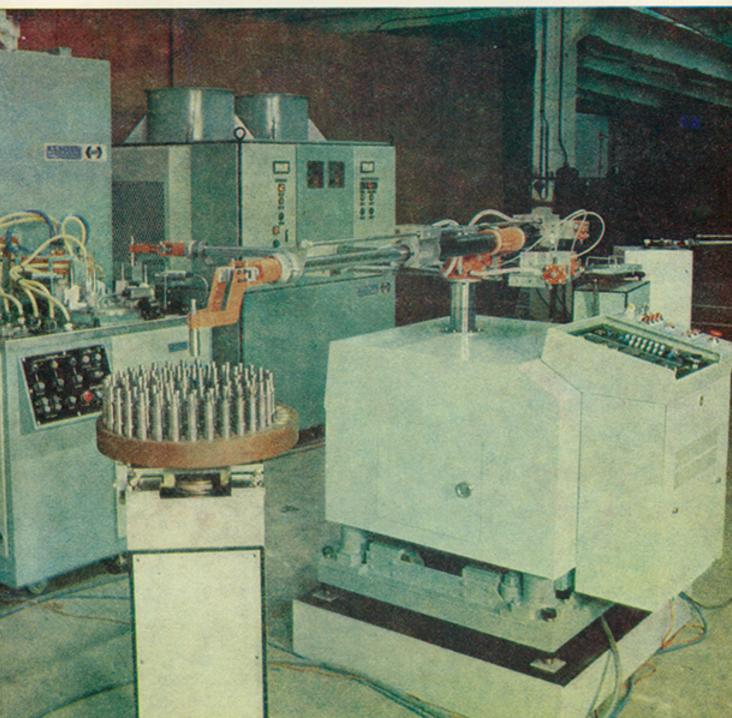
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CONTENTS	
ROBOTS Industrial robots	2
PLASTIC TREATMENT Double-screw hydraulic press	4
FOUNDRY INDUSTRY Modernization of foundries in Poland	9
REFRIGERATION INDUSTRY Prevention and removal of boiler scale in re- frigeration equipment	12 13
MACHINE TOOLS MERA CNC/NUCON 400 machine tool control system	
MARITIME BUILDING A modern ore import base in Gdańsk	
WELDING INDUSTRY Automatic welding machine	18
MEDICAL EQUIPMENT Artificial kidney	19
FARMING MACHINERY An agricultural crawler tractor	20
PATENTS Automatic conveyor belt tensioner Method and equipment for the regeneration of	
the filter medium of a vacuum drum filter	21
NEW BOOKS	24
In our next issue:	
Motorcar and motor equipment industry Modernization of foundries Tower building crane	

INDUSTRIAL ROBOTS

The industrial robots made by the Institute of Fine Mechanics in Warsaw are designed to replace man in such operations as loading and unloading, welding, cutting, painting, etc, especially in an environment detrimental for health. Their use in Polish industrial plants has contributed to increase labour productivity and to improve the standard of production and labour safety. Despite the comparatively short time which has passed since the production of these robots has been started, they have aroused the interest of foreign companies which have positively evaluated their technological properties. Page 2.

MODERNIZATION OF FOUNDRIES IN POLAND

The foundry industry constitutes a significant industrial potential in Poland. The further expansion and modernization of this potential are the responsibility of the specialized company PRODLEW which is the designer and supplier of foundries and has its own factories of machinery and equipment. The combining of these functions in one organization has given excellent results. Page 9. Our next issue of PTR will discuss PRODLEW's achievements in the building and modernization of foundries in foreign countries.

A MODERN ORE IMPORT BASE IN GDANSK

The significant expansion of the Polish metallurgical industry calls for a substantial import of iron ore as Poland's resources of this material are limited. A part of the ore will be imported from overseas countries which has resulted in the need of building a new port to receive ore from ships and next to send it to metallurgical plants. The problem is being solved by the setting up of a reloading base for ores in a new port, North of Gdańsk the construction of which was started in the present ten year period. The reloading base will be the third base of this port next to the coal and liquid fuels bose. Page 16.

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Cover photo: Automatic stand for surface induction hardening of a FIAT 126P clutch shaft using an industrial robot type RIMP (Photo J. Skowroński)

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