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MACHINE TOOLS

The time is over when the Polish machine tool industry produced in large series only simple, though thoroughly tested in production practice universal machine tools and when it could only dream of making sophisticated unit-construction machines. An increasing position in the production programme is now taken by heavy-duty and special machine tools. The latter include those made by Ponar-Poznań WIEPOFAMA, two of which are discussed in the present issue on p. 2 namely the unit-construction machine tool for brake shoes and the unit-construction machine tool for strength test specimens.

EXECUTIVE AIRCRAFT "MEWA"

The Polish aviation industry which has been specialized for years in the production of farming planes and small multi-duty and training planes, has started recently, in cooperation with PIPER, USA the construction of an executive aircraft for the transport of 6 persons. A detailed description of the plane and its equipment which fully conforms with world standards and requirements, and the respective technical data are given on p. 8.

CHEMISTRY

The Polish industry has impressive achievements in terms of investment projects built and of the rate of its quantitative development. Also, intensive research and development work is being conducted. An important achievement in this field is the new POLI phosphatic fertilizer whose production process is extremely simple and which gives excellent results in field conditions as shown by tests made in Thailand and Poland. Page 13. The present issue also brings an article on the pyrolysis of worn motorcar tyres (an interesting and profitable method of utilisation of worn rubber products for the production of valuable materials (page 15) and patent descriptions (page 17).

We Wish our Readers Many Happy Returns of the Year 1980

Cover photo: Peristaltic pump type 315

Photos in the issue: KAW, F. Karkosz, J. Uklejewski

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