



**POLISH  
TECHNICAL  
REVIEW**



**POLONIA**

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# POLISH TECHNICAL REVIEW

**SIGMA**

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#### Polish metal working machines industry

Metal working machines were produced in Poland already in the 19th century. The GERLACH PULST Factory established in 1898 in Warsaw was then the largest machine tool manufacturer in Europe. The machine tool industry belongs now to the main branches of Poland's national economy. The machine tools manufactured in this country can meet varied requirements of our customers. The production program is very wide and comprises nearly all types of machine tools, both conventional and numerically controlled. Polish-made machine tools are exported to various countries of Western Europe, the USA and Canada. The present issue brings for the first time a broad review of machine tools which Poland is prepared to export abroad. (See article on p. 2). The next issues will include further information on this subject.

#### Gas turbines for power plants

In 1990, the ZAMECH-ELBLĄG Mechanical Works merged with the known international firm of ABB-ASEA BROWN BOVERI and formed a new enterprise — the ABB ZAMECH Ltd. which has become one of the few world known gas turbine producers. ABB gas turbines are performing well in more than 60 countries even in extreme climatic conditions and in a severely polluted environment. See article on p. 13.

#### Medical and veterinary surgery instruments

The CHIFA Surgical Instruments Factory at Nowy Tomyśl is a known manufacturer of surgical instruments, stomatological and veterinary surgery instruments. A large part of its products is exported to West European countries, the USA and Japan. All instruments, with the exception of a few veterinary surgery ones are made from high-grade stainless steel. The modern production equipment and processes guarantee a world standard of the products. The Factory now produces about 250 different types of instruments. See p. 20.

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