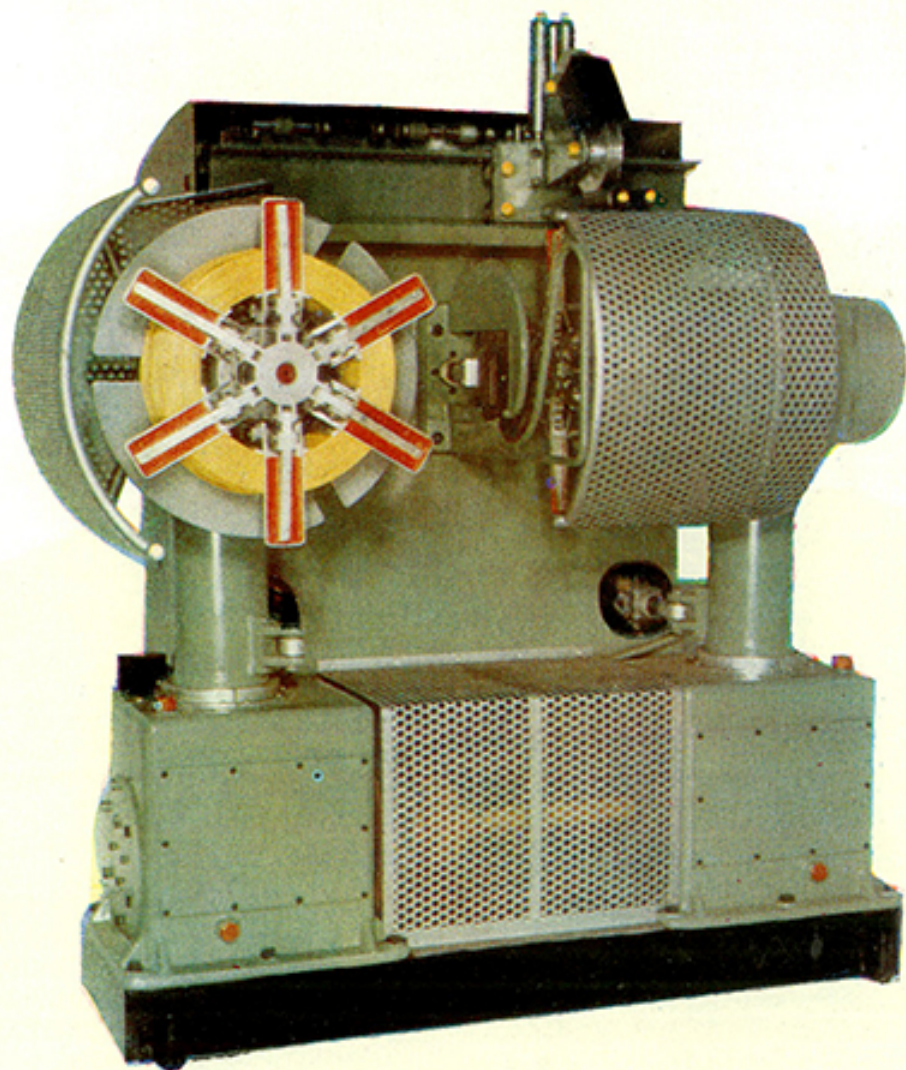




POLISH TECHNICAL REVIEW





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Super-seiners

The biggest vessels in the world seiner fleet are presently built by the Gdańsk Shipyard for the USSR. These superseiners featuring very good turning qualities, have a length o.a. of 85 m and a crew of 36. They are adapted for tuna fishing. The design comprises the newest technical solutions, especially in relation to fish processing and storage. The ship is adapted for fishing with a purse seine up to 2000 m in length and 250 m deep. A helicopter for which the designers have provided a landing area and a hangar, has made it possible to increase the sea inspection range up to 60 nautical miles. See p 2.

Cables and cable-making machines

The Polish cable industry with more than 50 years of manufacturing tradition, is constantly widening the assortment and quantity of manufactured cables. It is also producing a wide assortment of cable-making machinery. Two articles, on p 15 and 17 give a description of cables manufactured in Poland and exported, together with new designs of cable-making machines such as multiple-twist bunching machines, cable coiling machines, quad stranding machines for telephone cables, covering and baking machines, and high-speed tinning plants.

New Polish insecticides for agriculture

In its attempts to find efficient and safe insecticides for agriculture, the Institute of Organic Industry, Warsaw has carried out the synthesis of 654 enol phosphates whose common feature is the phenyl group substituted at the first carbon atom of the vinyl group. As many as 97 substances featuring interesting insecticidal properties were selected and special attention concentrated on two preparations: "bromfenwinfos", manufactured at a pilot scale, which proved highly efficient in combating pest in a number of cultures, parasites in animals as well as itch mites and skin mycoses, and "mebrowinfos", preparations for the production of which are already well-advanced. The latter preparation has many properties similar to those of "bromfenwinfos" yet its toxicity per os is much lower.

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