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METHODEN DER BEDARFSVORHERSAGE

(*Methods of Requirement Forecasts*)

"Ration Büro" (Federal Republic of Germany), 18, No. 5, May 1967, pp. 41—46, 7 fig.

The author presents his experience in the use of an electronic data processing installation to compute forecasts regarding the requirements and determining the optimum size in the stocks of orders to the suppliers, for a machine building enterprise having an assortment of 2500 finished articles and consuming more than 10,000 materials and parts.

Two methods are used to compute the forecasts of the requirements: the deterministic method (computation of requirements by deduction of primary documents) and the stochastic method (based on statistics and mathematics). By applying the methods described, the duration of computation has decreased from 5 weeks to 4 hours of operation of the electronic computer and five days of manual work, three employees being released from the purchasing department.