

Vilnius Gediminas Technical University  
VGTU Mechanikos fakultetas  
POLIGRAFINŲ MAŠINŲ KATEDRA

Printing

## **Design of the Pallet Turnable Texo Table in the Packaging Unit**

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Thesis language - Lithuanian

### **Annotacion**

The objective of the dissertation thesis is to construct a tray rotation table in the TEXO production packaging unit. The theoretical part of the paper explores printing production, similar machines, their characteristics, types and the principle of operation. The principle of operation of the constructed machine is described and calculations of its elements are presented. The Work Safety and the Machine Service parts present a general instruction on work safety and describe safety of the machine. The calculation of a price of the constructed machine is given in the Economic Assessment Part. The assessment of all works and materials that might be of use during the construction of the products is given here. The constructed machine will allow to shorten the time of production transporting from one shopfloor to another, will ensure greater safety and decrease moral and physical load of workers. The works consists of the following 7 parts: Introduction, review of Analogical Machines, Construction Projection, Work Safety and Technical Service, Calculation of the Project Price, Conclusions, List of Literature. Scope of the work – 40 pages, 9 illustrations, 1 table, 6 bibliographic sources. Appendices are attached separately

**Keywords:** Padėklas, pasukimas 90° kampu, judesys, pakavimas