

## **Abstract**

### **Automation technological process production of container board on the board forming machine**

Diploma project of the degree design an appreciation qualifying level «Bachelor».

Kiev 2015, 136 pages, 45 fig., 6 placards, 15 radiant, 2 addition.

Productive formation - system of production manufacturing of a board and in particular an automatic control system a level of mass and pressure of air in a head box.

The project development scheme automation container board for cardboard flat machine and research system of automatic control made of a pressure air bag (pressure box with airbag).

On the examination of processes which in a head box, the mathematical model of a pressure container, as object of guidance by a level of mass and pressure in head box.

Recommended system automatic control boxes and a pressure air bag in which the level of supply pressure head in a box regulated air pressure regulator in the air cushion and air pressure in it is regulated by level control weight, which changes the mass flow which is in the pressure box.