

ANNOTATION

for the graduate work of Livshyts Vadym Igorovych

«The module for adaptation CAD EasyStone for the machine Donatoni»

This work is dedicated to the module to adaptation computer-aided design (CAD) DDX EasyStone for use with a processing center Donatoni Echo 625, which has a numerical control.

Adaptation was made because this machine has an extended set of commands that are not supported by the above-mentioned CAD systems. This problem is solved by developing a module adaptation (postprocessor).

The work analyzes the current situation in the industry of post-processors for CNC machines, CAD DDX EasyStone, information about modern CNC systems.

The postprocessor is implemented in C programming language. Two methods of testing the correctness of the module was developed. Test results confirmed the efficiency of the developed module and match the task.

Postprocessor implemented on the basis of the production company "Instech", the act is attached to the work.

The total volume of 72 pages, main part - 63 pages, 31 pictures, 3 tables, 8 bibliographical references.

Keywords: CNC, computer numerical control, EasyStone, CAD.