

ABSTRACT

Batik is made from some processes, one of which is stamping. Batik stamping needs some main tools as first step to make the process of stamping. One of the main tools is table stamping. Operators work to do stamping on the table for 7 hours in one day, whereas the existing table using the regular table and not use a special table for batik stamping. Needs table modification in order to complete operator stamp needs, because regular table usually used for user premises sitting position while the operators on the standing position when stamping.

Previous research make ergonomic calculation to find width, length, and height of stamping table, so that the table not fatigue for operator when stamping process is running. The next research is continue the previous research to develop stamping table with the goal completed the operator needs. After that, the operator needs is completed can be generated some concepts and then in the process by several stages of selection process using Ulrich-Eppinger development phase 1 and then The selected concept is tested by submitted operator. Concept is selected to conversion in the form of a rough design and final specifications.

The results of the research in the form of suggestion concept table design to completed the operator needs on the prosess stamping is running, and completed criteria of ergonomics so that the operator avoid from fatigue.

Keywords: Suggestions repair, stamping table, ergonomic, Ulrich-Eppinger, product development.