

ABSTRACT

PT. Karya Kita is a printing company. The high demand of ordering books encourages the company to do some innovations in the process of making book. According to the production flow, there is a process that is still using the manual method, it is the book measurement process by using the ruler. Based on the problems above, the author designed a tool in the measurement process to reduce processing time of measuring books using Mechanical Design Framework and Tools adjusting from Ulrich - Eppinger. The results of Framework Mechanical Design phase is a specification of the tools product that will be created, which are the dimensions of the tools product adjusted to the size of the SNI and setted tolerance limits. The tools product is designed to be sorted from the smallest size (A5) to the (A4) size, the tools product can be placed above the table and it has rotating mechanism.

Keywords : Framework Mechanical Design, Technical Specification, Ulrich-Eppinger