

***DESIGN OF MECHANICAL TOOLS ON BAGLOG PRESS TOOLS WITH ONE  
CYLINDER COMPRESSING SYSTEM***

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***ABSTRACT***

*The innovation from a manual baglog press to a modern press with a two-cylinder design allows for imbalances during the pressing process and equipment production costs for purchasing cylinder components tend to be more expensive. To overcome this problem, the author conducted research in making a redesign of the mushroom baglog press machine based on comfort, cost effectiveness and anthropometric data, accompanied by a description of the product architecture. The method used in this research is an experimental and quantitative research method by collecting objective and quantitative information from the research and observations carried out. Based on the performance test of a manual press, 6 baglogs can be produced in 1 minute, whereas using a single cylinder baglog press with an electric motor drive can produce 12 baglogs in 1 minute. Thus, the innovation of a baglog press using a single-cylinder electric motor can produce more baglog than using a manual baglog press.*

***Keywords : Redesign, Baglogs***