

**DESIGN AND DEVELOPMENT OF TOFU DREGS PRESS
TOOLS WITH THE ULIR SYSTEM**

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ABSTRACT

The tofu pulp press is a tool designed to press tofu dregs in the form of solids from squeezed soybean porridge and is no longer useful in making tofu, the goal is to separate the tofu pulp from its liquid waste and to know the results of pressing tofu dregs using a tofu pulp press with a system. screw, tofu dregs will be used as animal feed and used in the manufacture of tempe gembus and the pressing stage must be carried out then the steaming process is carried out, then cooled first and mixed with yeast to carry out the fermentation stage so that the making of Tempe gembus can be perfect. The design of this press has been able to increase the production capacity of up to 8 kg, with the test method of measuring the separation of waste liquid and tofu dregs to find out good press results, the ability to separate waste liquid from tofu dregs after pressing using a press device from 5 treatments obtained The standard percentage of good separation is greater than $\geq 33\%$ of the percentage of waste liquid separation and the percentage of poor separation is small of $\leq 33\%$ of the percentage, the separation of waste liquid and tofu dregs from the results of the tests carried out is able to separate the waste liquid and its waste better with the provisions standard percentage separation.

Key Word : Tofu Dregs, Press.