

## ABSTRACT

### MANUFACTURING PROCESS OF FILLING DEVICE AND COVER POLYBAG ON PRESS MACHINE LOG MUSHROOM

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The device mushroom filling and cover polybag are made in order to increase the production of mushroom logs as a medium for mushroom cultivation. A detail report aims to find out how to manufacture the device filling and cover polybag mushroom are good, but it is also to determine the performance of the tool are made.

Device fabrication process and cover polybag mushroom filling include the identification of working drawings, equipment identification, identification of the machine, cutting materials, aperture pattern formation, drilling, formation material, splicing, and finishing. Establishment of filling materials in device fabrication is done by bending, while the manufacturing of mushroom polybag cover is done by rolling.

From the manufacture of which has been carried out, making way is obtained, the steps of manufacture, safety equipment, equipment used and the result of performance test device mushroom filling and cover polybag. The device has a filling capacity of 28 dm<sup>3</sup>. These device are assembled using bolts in order to erect the long mold press machines with the goal of easily removable when not in use, while the cover mushroom polybag assembled using SMAW welding on the best machine. After the result of performance testing device fabrication mold filling and cover polybags can be used but less than the maximum, it still needs to be improvement.

Keyword : Process, Device Filling, and Cover Polybag Mushroom