

## **ABSTRACT**

*Coconut milk is produced by extracting the meat of coconuts, which is a vital raw material in the food and beverage industry. This study aims to measure the volume of coconut milk produced by a hydraulic coconut milk press, as well as its speed and effectiveness in extracting coconut milk. A hydraulic press with a capacity of 5 kg was utilized.*

*The results indicated that manual coconut milk extraction yielded an average volume of 25% from the 1-5 kg coconut milk capacity, while machine extraction achieved an average of 35%–38% of the capacity. Manual extraction took a total of 740 seconds, whereas hydraulic extraction required only 380 seconds. The overall efficiency, combining yield efficiency and time efficiency, showed the hydraulic extraction efficiency to be approximately 42.5%.*

*Keywords: Coconut Milk, Pressing Machine, Hydraulic, Total Efficiency*