

## **ABSTRACT**

*PT. Genta Trikarya is a manufacturing company that especially running in the production of acoustic guitar based in Bandung, West Java. In Genta's production line, the processes are grouped into several departments, namely: machining, assembly, painting and finishing. It was detected that the highest number of defective was occurred at the press body workstation. Increasing number of defective makes the production of guitar becomes insufficient, hence tools improvements are required. Machine design method was deployed to produce the improved tool. Result shows that the proposed detailed tool has cooling function with facilitated fixture matched with the design of the pressed body.*

**Keywords:** *Detail of the Design, Wood Cooler Machine, Product Design.*