

## ABSTRACT

*PT. Perkebunan Nusantara (PTPN) VIII is one of the tea processing company in Indonesia that located in 6 districts in West Java. One of those is PTPN VIII Kebun Ciater that located in Ciater West Java. PTPN VIII Kebun Ciater processed black tea orthodox through eight phases production process. Particular in the process of pressing tea sacks in the packing workstation that every pressed sacks will pass through roller divider size of the sack. Sack that cannot pass through the roller will be repressed until the size fit through roller divider size of the sack. However the reprocessing of sack will waste production time. The cause of repeated pressing process is because the operator can't ensure that the sack has reached the size of a thickness of 16,5 cm or not, because if the sack thickness > 16,5 cm in the sack would not pass on a roller divider the size of the sack*

*Framework Mechanical Design Phases and tools of Ulrich-Eppinger used to assist in the repair and modification of design pressing tools, and Framework Mechanical Design Phases is generated technical specifications of the design tools that will be created that can improve the efficiency of the pressing process with repair method of the pressing sack and modifications to the components of the tools of pressing process*

*Keywords : Framework Mechanical Design Phases, Ulrich-Eppinger, Technical Specification.*