

## CHAPTER VI

### CLOSING

#### 6.1 Conclusion

Conclusions are based on the data processing and the objectives formulated in this research, as the research on redesigning molding machines improved the working system where the screw system was changed into a pneumatic system. Cast-die of the machine also has improved, where the cast does not need early compression and solves the dough leaking problem. This improvement reduces operators' inefficient activities and the need for two operators in the molding machine stage. Based on the evaluation result, the machine increased molding machine productivity by 300% more than the current production. The daily production increased from 40 GPS Block per day with two batch production to 105 GPS Block per day with three batch production.

#### 6.2 Suggestion

Based on the research that has been done, some suggestions can be given, including:

1. To increase productivity results, needed to do further research if it can use industrial automation that goes to bigger machinery scope.
2. It is necessary to consider fixing the factory layout for each station's distance.