

## **SUMMARY**

*PT. Bukit Makmur Mandiri Utama Jobeco Kideco is a private company engaged in the mining sector where this company is a contractor company of PT. Kideco Jaya Agung. In mining activities, PT. Bukit Makmur Mandiri Utama Jobeco Kideco manages land clearing, overburden removal, overburden excavation and transportation, coal extraction and hauling from pits to ports, landfilling, and reclamation.*

*Demolition of overburden activities, namely excavation of a layer of rock or rock that is above the minerals, in order to realize good conditions of unloading and transporting activities, tools that support good demolition are needed. In this connection, it is necessary to conduct a study of the performance of mechanical devices in the dismantling and transport of the overburden in order to achieve predetermined production targets. Production capability of the two Komatsu CAT6020 backhoe loading units is currently 109.22% of the production target of 900 bcm / hour and the production capability of the PC2000 backhoe loading unit is currently 99.63% of the production target of 900bcm / hour*

*Problems that occur at PT. Bukit Makmur Mandiri Utama is with a bucket capacity between 2 types of loading equipment with the same bucket capacity, there is a high productivity difference between PC2000 and CAT 6020 at PT. Bukit Makmur Mandiri Utama Kideco Jobsite.*