

ABSTRAK

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PROSES PEMBUATAN STAND GUARD UNTUK KOMPONEN DUMP TRUCK DI PT PRIMA MULIA ENGINEERING

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Dump trucks are vehicles used to transport materials such as sand, gravel or soil for construction purposes. Part 81763 (stand guard) is one of the components of the dump truck that functions as a holder for the guard on the dump truck. Dump trucks have guards in several places, one of which is the cabin guard. In the process of making Part 81763 (stand guard) it goes through several machining processes, namely the cutting, grinding, bending, grinding and finishing processes. In the drilling process, it is necessary to pay attention to the drill bit used to comply with the manufacturing instructions listed on the technical drawings. From the existing parameters we can calculate the rotational speed of the drilling machine. By paying attention to the parameters used in the drilling machining process, the researchers found that the rotational speed (N) produced by the drilling machine for SS400 material with a cutting speed of 40 m/min was 743 RPM.

Bibliography, 13 (1996, 2018)