

Modeling and Force analysis of Rotor Shaft Assembly of 5-Feet Raj Rotavator

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Abstract: *The rotavator is the agricultural equipment that is used for tillage of soil to make good seedbed. The purpose of this paper to study the various forces and stress acting on the parts of the rotor shaft assembly of a 5 feet raj rotavator. The rotavator can be under various loading conditions at different velocities and intervals of time. The study was carried out on different paper to identify the various forces and stress that act on the rotor shaft assembly. Within this paper the analysis is done on rotor shaft assembly and various forces on the parts of rotor shaft assembly is find out.*

Keywords: Stresses on Rotor Shaft, Dimension of Rotor Shaft, Flanges, Blades

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