Abstract

The ginning process is very important. It needs to improve the performance of ginning machine for the betterment of the economy. The power drive system plays very important role in the machine. In order to improve the performance of ginning machines, it is necessary to improve the power drive system of the machine so that maximum output with low cost and better quality of fibre & seed can be obtain. This paper illustrates an approach to design the power
transmission system for ginning machine to get the optimum performance. The function of the ginning machine is to separate lint from seed cotton to create two marketable products, fibre and seed. The fibre which is also called Lint is raw material for the textile industries. This paper describes designing of the power transmission system and analysis of the critical component of the system by using the ANSYS, to define reliability of the ginning machine.

References

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Index Terms

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