Abstract

An economical manufacturing solution is necessary for making the product affordable to the small industries and rural area where people work at home for earning. The purpose of this study is to investigate and overcome the problems arising during the manual process of punching the Amla while manufacturing Murabba and provide a machine that is both economical and also yield better results to the operator. Also the ergonomics (health) of the operator is a big issue as it can cause harm to the workers wrist and hand. A Pro E model of the machine is prepared so as to modify it as per the need of process. There is no machine or equipment available for punching of Amla. The model is expected to provide in increase the productivity and laboring work can be minimized. Research presents step by step designing and manufacturing of a machine which is affordable and requires little or no training for operation and maintenance. Production rate can be improved and fatigue to the worker can be reduced.
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Index Terms

Computer Science Emerging Trends in Technology

Keywords