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Redesign and Fabrication of Hammer Milling Machine for Making Pasta

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Abstract : This study Aims to redesign a Hammer mill machine for grinding, owing to the inability of existing mill to meet the demand of waste pasta flour in Dire Dawa food Complex. Rational design by drawing and calculations and Simulation in solid works. CAD software were used to bring this mill to reality. The modified pasta grinding milling machine efficiency will be 90%. Waste of Pasta, Macaroni, Biscuits, or Breads and there by impact cost of production through minimizing waste as well as inquests safe, hygienic & efficient way of grinding these by products at Dire Dawa food complex.

Key words : Pasta Grinding, Solidwork, Belt Drive, Design.

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