MOLD MACHINE PLANNING TOOL ROSE CRACKER(UYEL) WITH ROTARY METHOD

Name: Mas Agung Rizal
NRP: 2111 030 077
Department: D-3 Mechanical Engineering FTI-ITS
Counsellor Lecturer: Ir. Budi Luwar Sanyoto, MT

Abstract

In Small and Medium Enterprises Development Crackers notabenya still use hand in the production process, especially in the process of making crackers. One alternative to improve the efficiency and quality of production is a cracker making machine printing tool for crackers. That workers are not too lulah during the process of making crackers.

The machine tool is designed with a better mold flow results generated crackers good shape, it would require the calculation of how much force is going on and the power needed to drive: belt, pulleys, shafts, and print.

From the calculation, 0.25 HP motor power required to drive the rotation of 1400 rpm to 180 rpm with a round pulley.

Keyword: Power, round, crackers groove