Abstract
In industry, especially small industry making dodol or durian porridge, still use the traditional way in the process pembelahnya. Most of the industry is split manually or with a knife. This ensures less processing time and efficiency.

In designing and producing automatic machines pembelah durian is intended to improve quality and productivity of small industrial sector engaged in the business of making or dodol durian porridge. Engine components pembelah durian is made automatically based on theoretical calculations, and then realized to be in the form of an actual prototype equipment.

From the results of the calculation, found the force of 98.1 N and the power of 0.13 HP motor so that the use of which has power and has a 1.03 HP lap of 1600 rpm.

Keywords: Motor, Force, Power.