

MAKING PROCESS ON THE CHOPPER SHAFT THRASHER BEEF

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ABSTRACT

The process of making the engine shaft chopper meat is an important process and included in the top priority for chopper shaft serves as the seat of the meat chopper shaft. The purpose of the process is to determine the counter shaft drawings, knowing the materials used, determine the equipment and machinery used, determine the sequence of the manufacturing process, and know the time used in the manufacture of axle counter, and to know the performance of these components.

Shaft chopper manufacturing process includes: defining the working drawings, the process of preparation of materials, material cutting process with the process of turning and grinding machines, as well as all components of the assembly process on the machine. Tools and machines used are grinding machines, lathes and other hand tools.

The results obtained chopper manufacture specifications shaft diameter 25.4 mm with a length of 620 mm. The material to manufacture the shaft chopper is St.60 with Brinell hardness price of 178.93 kg / mm². The time needed to manufacture the shaft chopper was 90 minutes. Performance test after the meat counter machines tested obtained results chopper shaft can work without any noise, but the shaft section chopper a little shaky this happens because the shaft coverings chopper no flashlight. This machine was capable to chop meat shredded meat with chopped meat yield volume capacity is 0.8 kg / min.

Keyword: Shaft, counters, Counting, Machines, Beef