THE CONSTRUCTION DESIGN OF MACHINE CUTTING PLASTIC CUP

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ABSTRACT
Waste plastic is a considered a serious problem for the environment, because plastics are inorganic materials that can not be decomposed by bacteria. It would be nice if the plastic can be recycled to become new products. Design and manufacture of plastic cup chopper is intended to facilitate the processing of plastic waste, which in this case will cut the plastic packaging is a plastic cup.

Making a plastic cup chopper is done from the analysis then continued with the study of literature and sketch machines, then do the calculation and assembly tools. After the assembly is carried out feasibility tests on the plastic thrasher. Based on the results of planning and calculation results obtained by a prototype machine plastic enumerators have the following specifications: Power 0.15 HP motor that is used. Puley used Type A with a length of 710mm. Engine capacity 0.0029 kg / min

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