

WATER PUMP DESIGN

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ABSTRACT

The title for this project is Water Pump design which can be used either at home or small industrial purpose. This project is mainly about designing and fabricating plastic type (thermoplastic) of impeller and its desired volute casing.

There's only needed AutoCAD software and a prototyping machine to designing and fabricating the pump impeller and volute casing. There are also involving some calculations and theories of fluid mechanics.

There are some pictures and diagrams which are added for the ease of understanding of the designs.