

DESIGN A WATER OPERATED ROCK TUMBLER

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ABSTRACT

- Water operated rock tumbler is a machine use to level the rough surface of rocks
- Understanding the function of fluid flow system, the type of turbine used and motor pump
- The important of fluid power can be understood
- The experiment indicated that the water flow is turbulent flow
- Zinc material used to make impulse turbine, which is connected to a shaft for transfer power to drive the rotating components by the force of water flow