

# STEAM REACTION TURBINE

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## ABSTRACT

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The objective of this project is to design and analyze the possibility of constructing a small unit single axial flow 2 pair blades reaction steam turbine, running at 3000RPM for generator producing power at 50 cycles. It must be able to operate at low pressure steam within 2 bars to 1 bar range. The construction of my design is based on Parsons Type turbine principle. The terminology and design basics of this project will be provided in following chapters.