



**AKSUM UNIVERSITY  
COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING**

## **TURBO MACHINES & MACHINES LAB MANUAL**

**Compiled by  
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Aksum University, Ethiopia**

### **LIST OF EXPERIMENTS**

1. Pelton turbine
2. Reaction turbine (Efficiency Test)
3. Axial turbine
4. Reaction turbine (Velocity Test)
5. Centrifugal pump
6. Piston pump
7. Gear pump
8. Axial fan
9. Radial fan
10. Tubular heat exchanger (Parallel flow)
11. Tubular heat exchanger (Counter flow)
12. Air compressor
13. Multipurpose air duct.

# Lab Manual Turbomachines

**Sebastian Brünink**

A red circular graphic with a gradient, appearing as a stylized arrow or a partial circle, located to the right of the author's name.

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