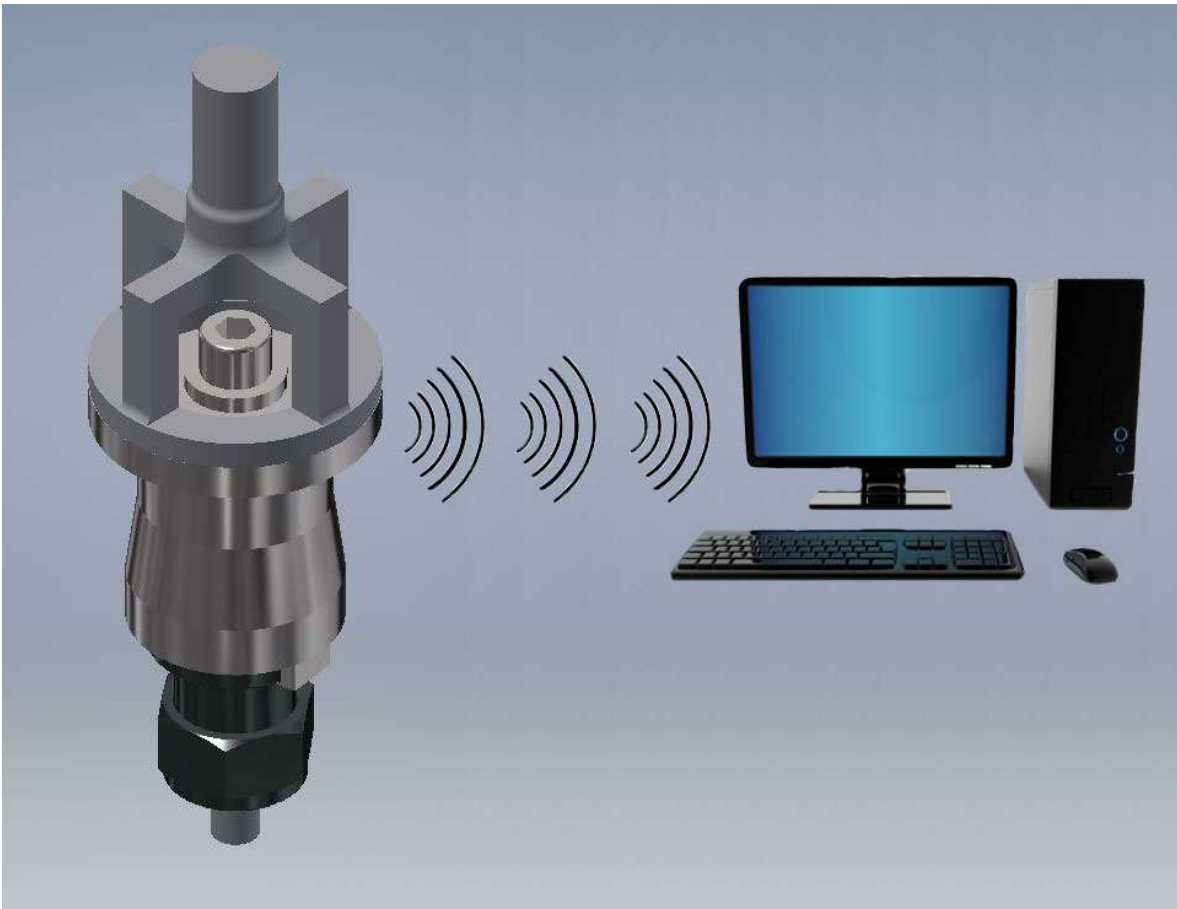


Project Overview

A Rotating Dynamometer to be mounted onto a milling machine with the ability to measure cutting forces in the range of 0-500N up to 2,000 RPM. Our goal is to build a device that can measure the cutting forces in three dimensions using strain gauges to capture natural deformations with a budget of \$2,000.

Final Product



Agenda

- Design Details
 - Final Design
 - EE/ME: Schematics, simulations, drawings, calculations, parts, SPICE diagram
- EDGE Home Page/Detailed Design Page links
- Risk Assessment
- SME Forms
- Test Plans
- Project Plan for MSD II
- Plans for next phase
- Design Corrections/Changes