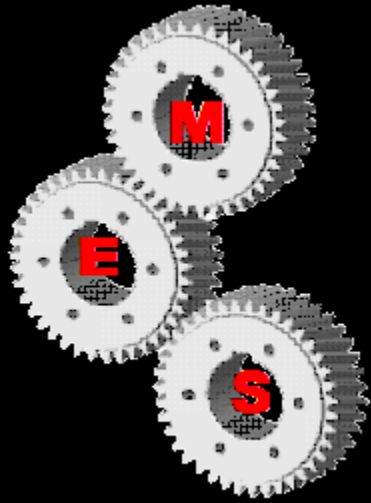


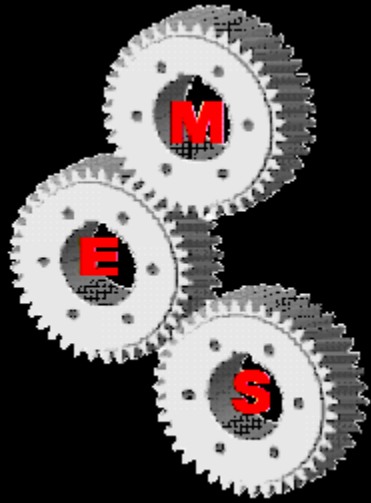
# MACHINING ENGINEERING SOLUTIONS

- General Machining Capabilities
- Engineering Design and Evaluation
- Precision Gear Designing & Manufacturing



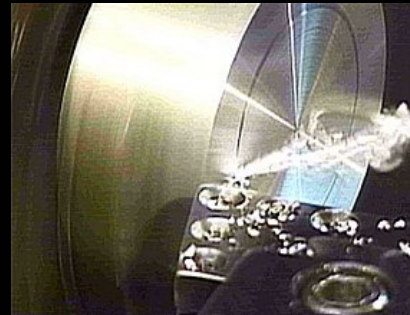
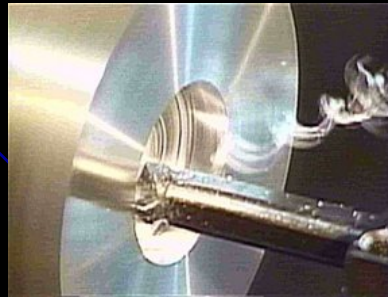
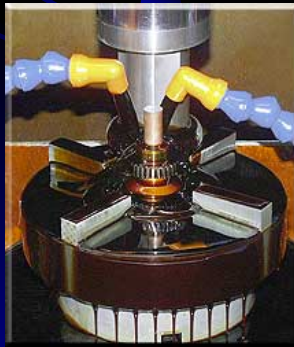
# COMPANY PROFILE

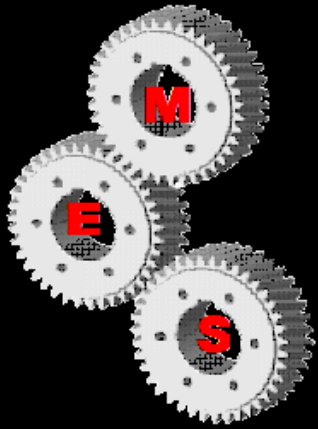
- **Machining Engineering Solutions** is a company dedicated to the manufacturing of high quality, mechanical machined components. We excel in our mechanical engineering expertise to provide safe, reliable and precise components for any industry. Since our staff consists of various mechanical engineers, we can provide engineering services such as Finite Element Analysis on a part or an assembly to provide the customer with engineering data that will evaluate the current design.
- We can design a prototype using our experience and knowledge in conjunction with advanced CAD and stress analysis software. We can also machine a desired component based on engineering drawings.



# CAPABILITIES

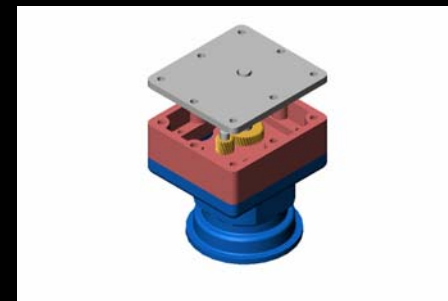
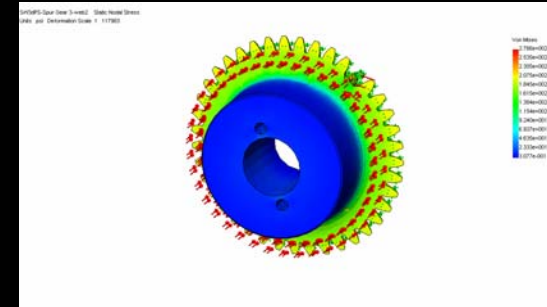
- Shaping Internal and External up to 18" in Diameter (spur gears and splines)
- Hobbing up to 7" in Diameter (spur and helical gears)
- General Machine Shop manufacturing which includes Turning, Milling, Welding, Fabrication and Assembly

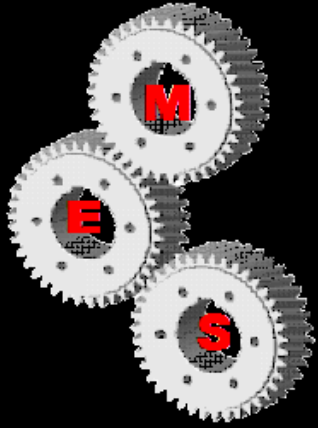




# PROJECT EXAMPLES

- Finite Element Analysis Performed in a Mechanical Sub-Assembly (Gear)
- Prototype Design of a Gearbox for a mass produced product line.
- Prototype Design of a Gear Assembly for a Small Run Production





# PROJECT EXAMPLES

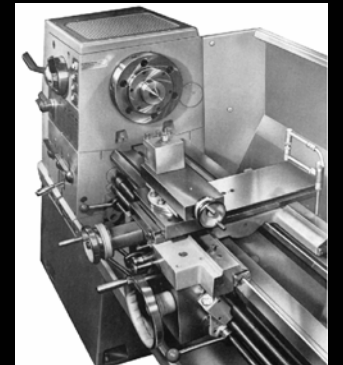


# SERVICES

- GEAR PRODUCTION TO AGMA SPECIFICATIONS  
Materials include steel, plastic, & bronze.



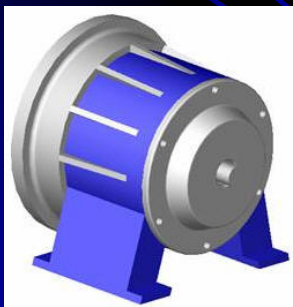
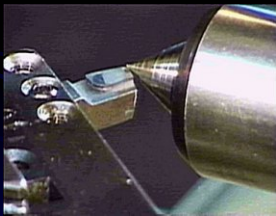
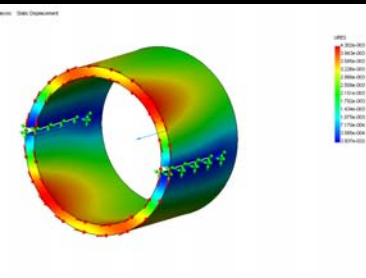
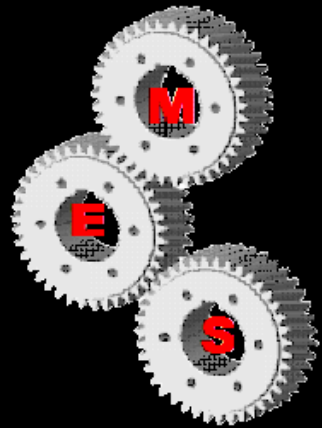
- WELDING CAPABILITY ON VARIOUS ALLOYS USING TIG TO MIG

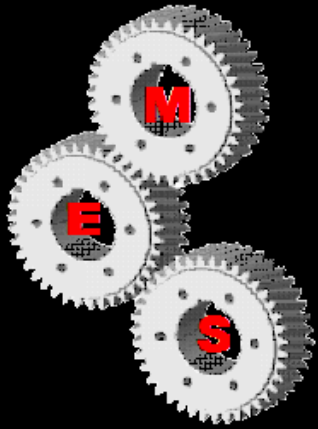


- NEW PRODUCT AND INVENTION PROTOTYPING WITH MECHANICAL ENGINEERING EXPERTISE PERFORMING STRESS ANALYSIS.



- GENERAL MACHINING CAPABILITIES WITH HIGH AND LOW VOLUME PRODUCTION.

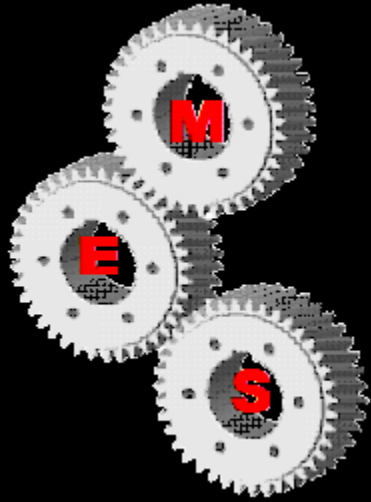




# LOCATION

- MACHINE SHOP LOCATED IN SAN ANTONIO, TEXAS. IT IS IN SOUTH CENTRAL TEXAS. IT CONTAINS SPACE FOR BOTH MACHINING AND ASSEMBLY OF NEW PROTOTYPES. OTHER TWO LOCATIONS DEDICATED TO SHEETMETAL AND GEAR MANUFACTURING

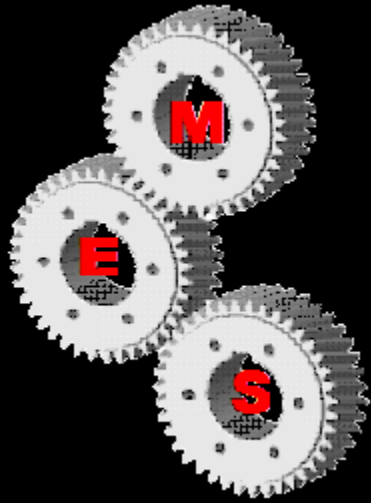




# CUSTOMER REFERENCES

- TACTICAL MICRO
- BD TECHNOLOGY
- AGILE TECHNOLOGY
- CAMPBELL HARDAGE
- THOMAS C. WILSON
- ANVER CORP.
- S&A-GENERAL MOTORS
- MOVING WATER INDUSTRIES





# CONTACT INFO

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Web: [www.machiningengineeringsolutions.com](http://www.machiningengineeringsolutions.com)