



[www.standardmachine.ca](http://www.standardmachine.ca)

# Engineering Services and Manufacturing Capabilities

Our engineering services and drafting team ensures accuracy, quality and longevity in its services—from reverse engineering and system redesign to custom design, drafting and failure analysis.

This department is involved throughout our processes, which contributes to all of our work being certified to an ISO 9001-2000 standard. We combine the latest technology available and a team of professionals to offer an unbeatable range of services:

## In-House Services

- Reverse engineering and design
- Custom design and drafting – failure analysis
- Vibration analysis
- Nital etching

## Design

- Drop-in reducer replacement (SR unit)
- Custom lubrication systems

## Software

- Inventor 3D modeling and drafting software
- Finite element analysis software – Algor
- Bearing life calculation software
- Latest AGMA standards
- Maintain latest ISO gear design standard
- Vibration analysis software – AMS Suite, Machinery Health Management, Silver, Analyzer, CSI 2130 Consultant Pro



*For more information contact us today!*

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