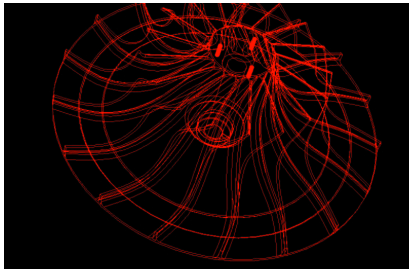


Engineering



Capabilities

- Data acquisition is accomplished through the use of coordinate measuring machines (CMMs). Complex geometries are scanned for further processing.
- Scanned data can be modeled in one of our 3D modeling software packages.
- Our drawing database includes over 385,000 drawings. The drawing database is complemented with over 400,000 customer inventory records.



Equipment Utilized

- Faro® CMM articulated arm that gathers three-dimensional data within a six (6) foot sphere. Obtained dimensions are repeatable to within 0.001". We have four of these machines within our operation.
- Powerful workstations that utilize the most current releases of AutoCad, Mechanical Desktop and Unigraphics software.

- Dedicated server for electronic drawing storage and access. This server is sized to accommodate current and future needs.

Customer Benefits

- Full reverse engineering and design including hydraulic and mechanical modifications.
- On-site and off-site data acquisition.
- Access to a large and growing database.
- Accuracy and quality of modeled parts that are equal to or better than the OEM (case history data available).
- Rapid replication of current and obsolete components.

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