



QUALITY TOOLS



CBB Integrated Quality System

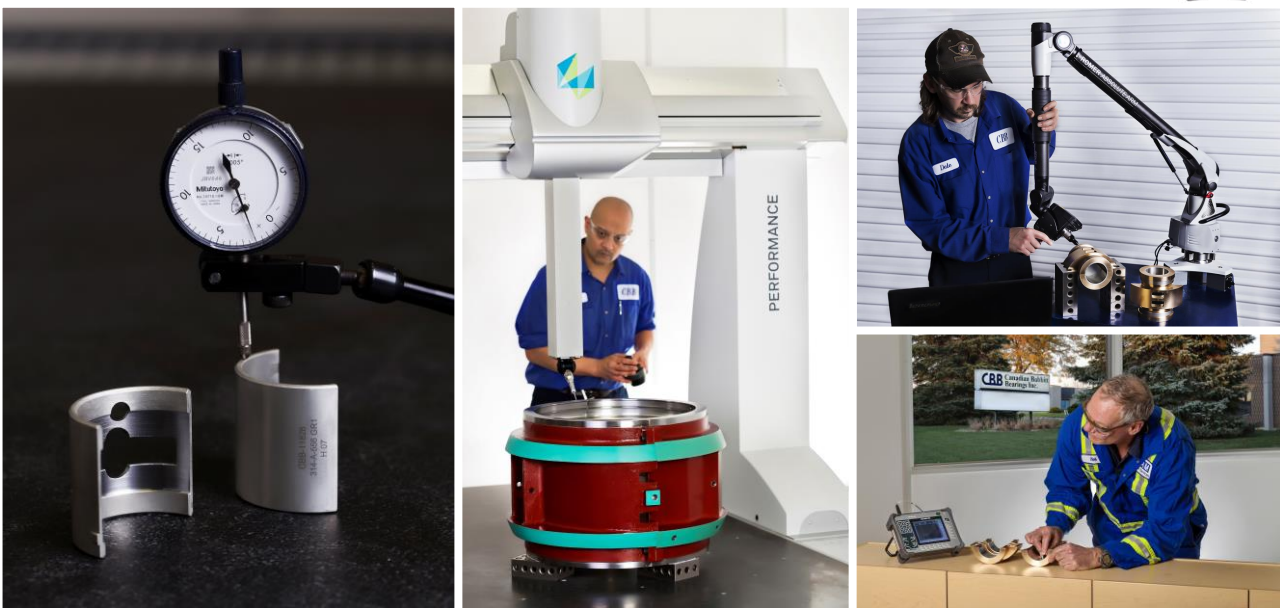
CAD TO INSPECTION TO CAD

ROMER ARM, CMM

PC-DMIS & SOLIDWORKS

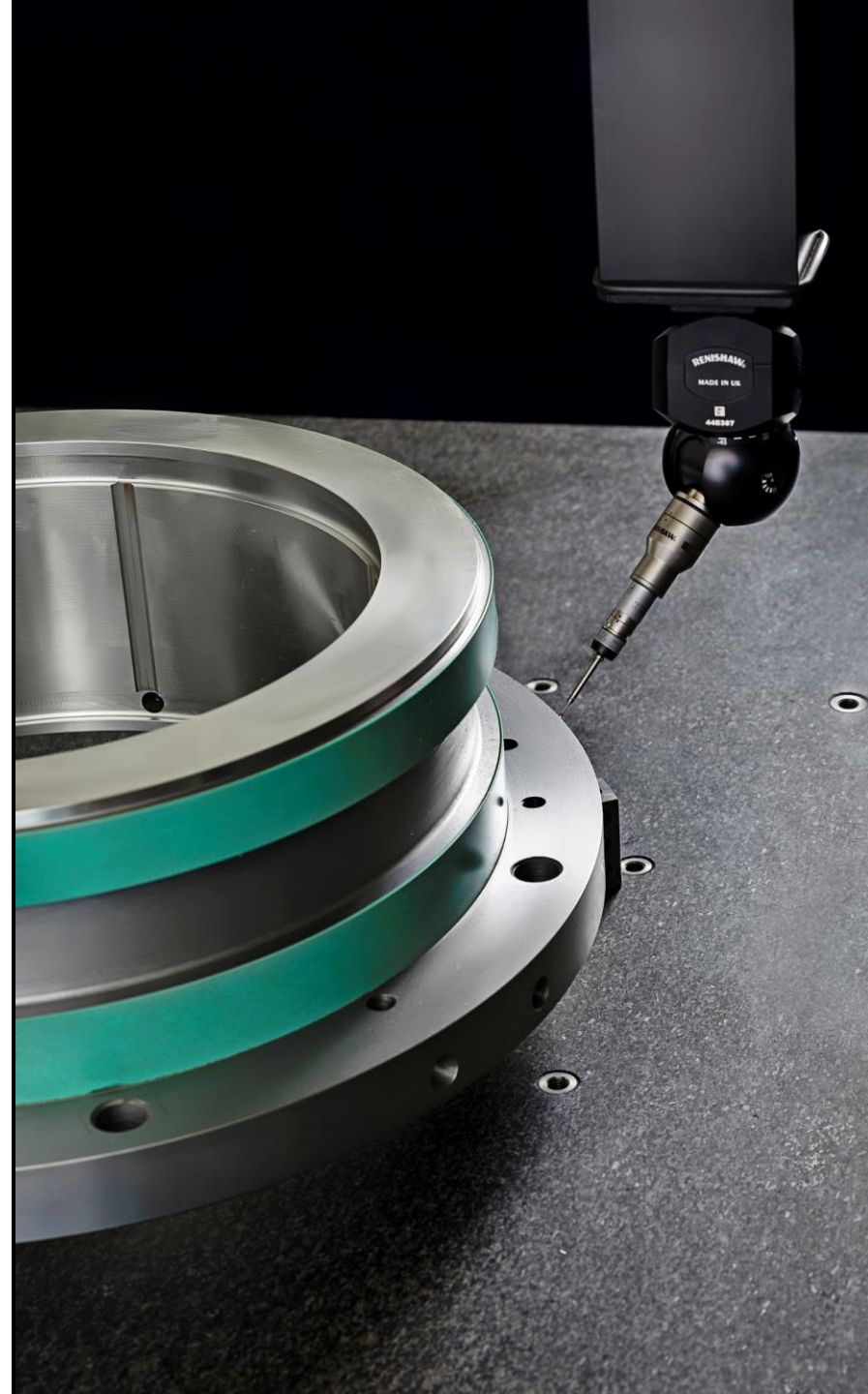
CBB QUALITY PROCESSES

Quality First



CBB puts Quality First.

Certified to ISO9001-2008, CBB has invested heavily in quality equipment and training of personnel in line with our continuous improvement program



CBB

WE MAKE BEARINGS &....

...We check them to!



CBB PORTABLE CMM & LASER SCANNING

Romer 7525Si Absolute 7 Axis portable CMM with integrated laser scanner



Measuring Range	Probing Point Repeatability	Probing Volumetric Accuracy	Scanning System Accuracy
2.5m / 8.2ft.	0.027mm / 0.0011 in	±0.038mm / 0.0015 in.	0.063mm / 0.0025 in.

- Tesa Probe
- Integrated Scanning System
- PC-DMIS CAD++Scanning + Meshing

This system facilitate full inspection of large components with PC-DMIS generated reports.

Integrated Scanning permits surface geometry capture and export to CAD and inspection from CAD model

**This system is
suitable for
in-the-field
inspection**

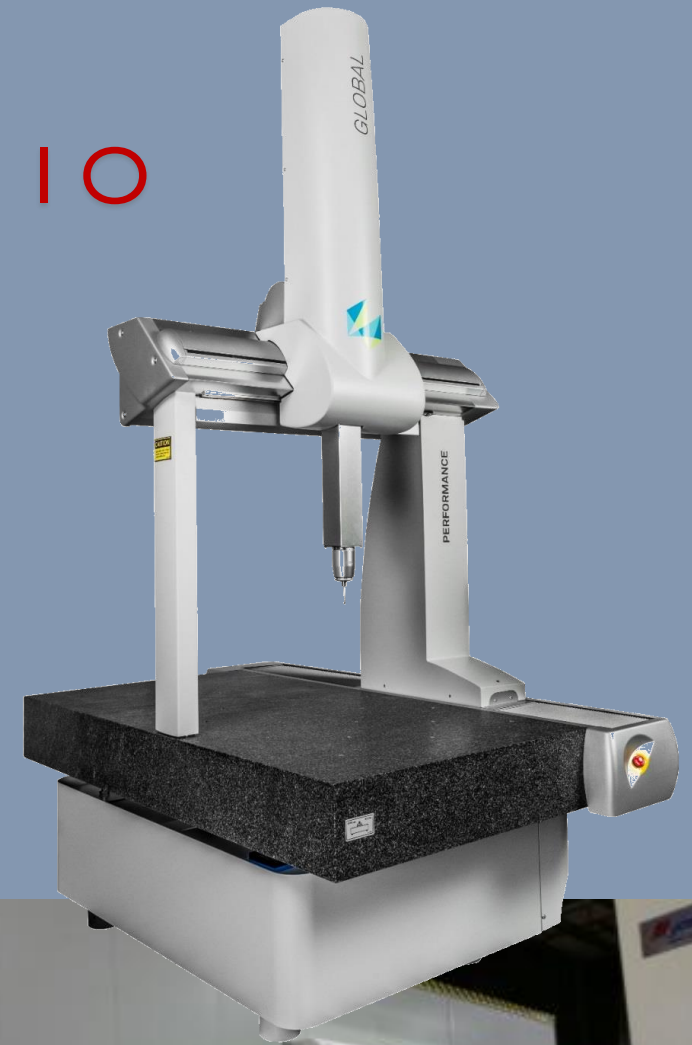
CBB uses  **SOLIDWORKS** CAD

CBB CMM GLOBAL PERFORMANCE | 2.15.10

- High-resolution Metallur scales
- Tesa Touch Trigger Probe
- Tesa Motorized Probe
- PC-DMIS CAD with Autopath

PC-DMIS CAD software allows the import and export of CAD data. Geared primarily towards prismatic applications, the CAD package allows the import of wire frame and surface data. Programs may be created directly from the CAD model.

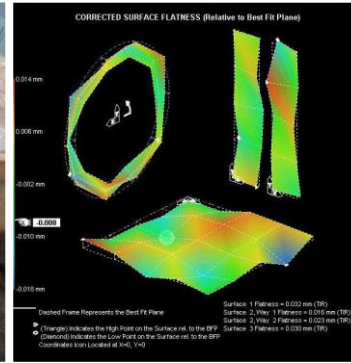
CBB uses  SOLIDWORKS CAD



Climate Controlled Inspection Room

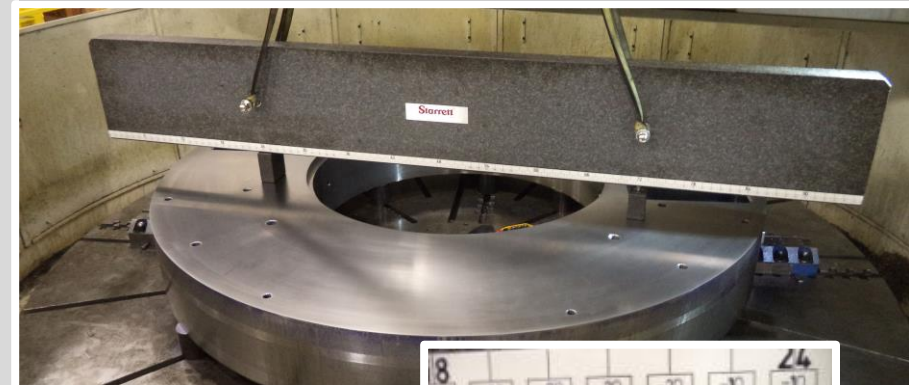


CBB FLATNESS & SURFACE FINISH



**Hamar
Laser**

CBB is equipped to meet
the close tolerances
demanded by Hydro
Bearing Runners



Planekator



CBB QUALITY SERVICES WE PROVIDE

CBB supplies First Class Product Quality. CBB's continuously improving quality system is designed to provide assurance and data driven validation of processes and product.

Some of the services we provide:

- Dimensional Assessment & Validation
- Material Validation
- Tribological and Wear Analysis
- Field Inspection Services
- Design and Reverse Engineering 2D & 3D
- Inspection Test Plan Services

Contact our Quality Department for further details





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