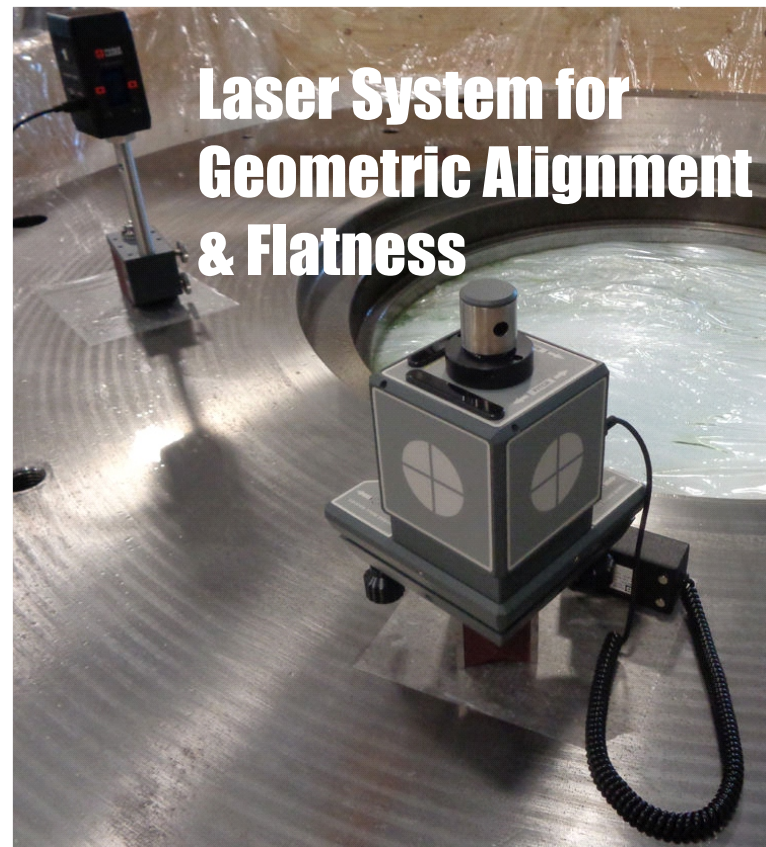
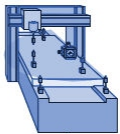


Bearings are one of the key components in rotary equipment which governs efficiency, reliability and performance. Canadian Babbitt Bearings Ltd., provides owners, operators and manufacturers of rotary equipment the possibility for higher efficiency and lower down time through our advanced capability to produce engineered bearing solutions to close tolerances. As part of its technology arsenal Canadian Babbitt Bearings utilizes a **Hamar Laser L-740** System for Geometric Alignment.

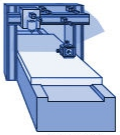
The system is used internally for verification of alignment and flatness for example on runner plates and in the field to verify operational situations for evaluation. This assists Canadian Babbitt Bearings reverse engineer components and assemblies for refurbishment.



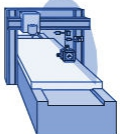
Capabilities



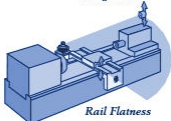
Flatness



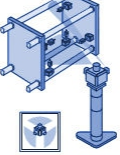
Squariness



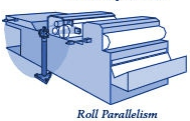
Straightness



Rail Flatness



Parallelism and Tie-Bar Squariness



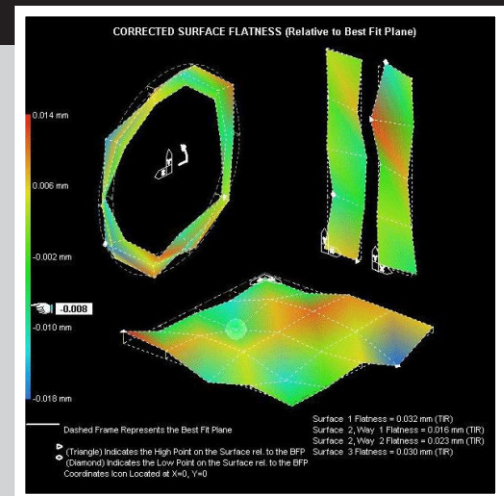
Roll Parallelism

Geometric alignment capabilities (on site and in shop):

- Flatness and straightness measurements of almost any surface (squares, frames, ways, flanges, circles, etc.)
- Measuring and leveling machine beds and ways, large bearing surfaces, and

L-740 Series Features:

- Powerful data analysis software (Plane 5)
- Up to 70% faster than traditional alignment devices
- Laser plane flatness: 0.00003"/ft Laser plane orthogonality: up to 0.00006"/ft Built-in, back light level vials with up to 0.00006"/ft accuracy 3-axis adjustment base for fast setups with fine adjustment of $\pm 0.03^\circ$ A-1519-2.4ZB Single axis target with 2.4GHz wireless, 33x13mm PSD and 0.00002" resolution



Please contact us for further information

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