

5-Axis Auto Tuning System

Brand: Okuma Australia



Short Description

The 5-Axis Auto Tuning System measures geometric error using a touch probe and datum sphere, and performs compensation using measurement results to optimise the movement accuracy on 5-axis machines.

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When machining with a 5-axis CNC machine tool, tiny geometric errors can result in quality issues for your finished parts. However, 5-Axis Auto Tuning removes this potential by compensating for any geometric errors through precise position measurements performed by the Intelligent Technology. While commissioning and general wear and tear can take a toll on the kinematic chain, the 5-Axis Auto Tuning system creates a perfect workpiece—and better yet, the intuitive software makes it easy to set up on your own.

This Intelligent Technology allows you to:

- Maximize machine performance, and increase productivity
- Compensate up to 11 geometric errors, including volumetric accuracy

- Perform machine tuning quickly and accurately on your own
- Perform adjustments in approximately 10 minutes (versus five hours or more for manual methods)
- Operate without a high level of skill

[Find out more about 5-Axis Auto Tuning System](#)

Product Gallery

