



Mike,

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After significant research it became clear to me that regardless of what high end machine tool you purchase the accuracy and repeatability specifications touted by manufactures are only as good as the calibration of the machine post installation. To truly utilize the accuracy potential of these high end machine tools it is absolutely necessary to do a full machine characterization. It is physically impossible to move a machine from the factory and reinstall it to exactly the same position in which it was calibrated at the factory. This was made perfectly clear to me after purchasing a 2 year old okuma MU-400 5 axis machining center with probing

Moscow Mills purchased our used Okuma from Robert E Morris .In keeping with the fantastic service Robert E Morris is reputed for they contracted Mike Denomme from MD calibrations to complete this characterization for us.

I was struck immediately by how in depth Mike's knowledge was and how passionate he is about accuracy. After taking the time to discuss the subject in depth with Mike it became clear that he is a very unusual man who takes what he does very seriously. In addition to his degree in mechanical engineering and other accreditations he has written proprietary algorithms and specialized software to complete his characterizations and calibrations .It is fascinating to note Renishaw the maker of most of his equipment does not have software diagnostic tools on par with MD.

If a company is looking to utilize its equipment to its fullest potential and minimize setup time for parts and components then it is a necessity to have your machine tools qualified geometrically so that you may achieve the best results on you parts in the shortest time frame possible. The biggest non value added activity in any manufacturing firm is setup, setup, setup. Many people overlook the cost of chasing offsets and geometric inaccuracy of there machine tools during setup regardless if it is a 3 axis CNC mill ,lathe or a 5 axis simultaneous capable machine tool.

I am very pleased with the results and unparalleled service I have received from both Robert E Morris and MD Calibrations.

Many companies talk the talk but very few walk the walk.

I highly recommend both of these organizations.

Anderson Leveille


President/Founder

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