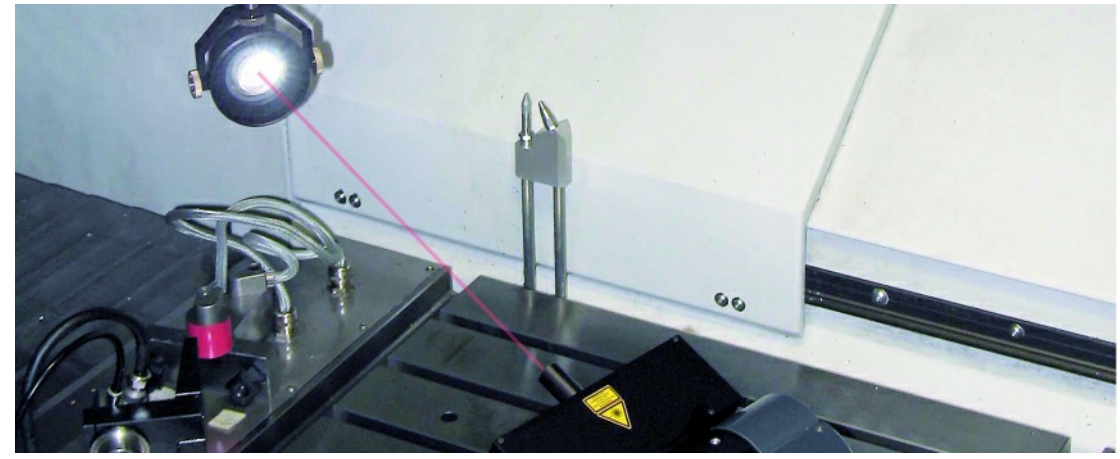


MACHINE TOOL AND 3-DIMENSIONAL MEASURING MACHINE CONTROL

The Laser-Tracer : a technology intended to improve machine tool and 3-dimensional measuring machine control



Your expectations

With respect to your machine tools or 3D machines, you want:

- To monitor deviations by periodic checks
- To characterise errors as per standards ISO 230 or ISO 10360
- To compensate for machine defects
- To minimise machine downtime due to inspections

Our solutions

The patented Laser-Tracer technology has been developed in order to better control machine tools and 3-dimensional measuring machines. This technology provides:

A cartography of your machine, from the simplest (biased axes) to the most complex machines (21 errors + rotary axes).

An uncertainty of measurement at micrometric scale.

The issuance of a compensation matrix structured in accordance with the brand of the digital control.

A measurement time significantly shorter than that of conventional measuring instruments.

Operational flexibility, irrespective of the machine size (0.5 to 15 metres).

Your benefits

The measuring strategy allows a comprehensive survey of your machine's working volume.

Errors on linear and rotary axes are detected with a single instrument.

Reduced machine downtime compared to conventional measuring instruments.

Possibility to correct the errors detected through the automatic issuance of a compensation matrix.