

Laser Tracker Solutions



Engineering Consultancy Coenradie offers you the most accurate and reliable surveying solutions in the industry. To achieve optimum results, we use the tools that are best suited to meet your needs.

We can use any measuring device with accuracies in mm levels down to submicron levels, using our climate controlled laboratory based 3D Coordinate Measuring Machine (CMM) High Precision lab, in Brainport Netherlands).

The most accurate portable device is the **Laser Tracker**.

On the one hand a Laser Tracker could be described as an ultra precise Total Station that achieves accuracies down to 0.01 mm levels, but on the other hand it could also be described as a portable 3D CMM. Contrary to a Total Station the surveyor uses a target that is automatically followed by the laserbeam from the tracker. This way the Laser Tracker can be used to measure both from point to point, as well as for scanning complex shapes.

To realize specific results (in accuracy or reporting) we can combine the Laser Tracker with a Total Station or even a 3D (Lidar) Scanner.

Whatever your surveying requirements, our professional and experienced surveyors can get you the results you need for your business.

The Laser Tracker creates mold-breaking efficiencies in applications such as:

- 👁 alignment
- 👁 machine installation
- 👁 component inspection
- 👁 tool building and setup
- 👁 manufacturing and assembly integration, and
- 👁 reverse engineering

In summary the Laser Tracker delivers unparalleled results in both 3D measurement as well as distance measurement.

