

TeZet[®] CAD

3D Tube Measuring

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Company-Profile:

TeZetCAD tube specialised software, coming from Switzerland, Bad Zurzach, is an absolute specialist for controlled 3D tube-measurement technology. TeZetCAD offers complete solutions for tube measurements and combines individual measuring procedures with user friendly tube software innovations. TeZetCAD is „state of the art“ and provides the quickest and most effective way to take 3D tube data in xyz of tubes, wires, hoses and profiles to edit them in the TeZetCAD software.

The development of the TeZetCAD Software enables measurements of most complicated geometries of traditional bent tubes, as well as freeform bent tubes and profiles, to compare them against the masterpart, to correct the deviations and send those data to the bender and document the bent part.

TeZetCAD is worldwide in use in the aviation industry, the aerospace domain, the automobile sector for trucks and passenger cars, agricultural machinery and motorcycles for street and racing, in the fluid-range, ship building, oil platforms, refineries, architectural external paneling – for all parts, which have to do with tubes, profiles, wires and hoses.

Manufacturing and Delivery Program:

Measuring solutions for most different tube products:

- Quality Control for tubes, wires, flanges, hoses and profiles.
- automated methodology of your own measuring inspection.
- Virtual measuring with mouse (without a measurement instrument) for the planning process
- Construction of up to 12 cylinder headers for streets and racing up to formula 1
- Measure and correct freeform bent tubes and hollow-and chamber profiles
- Control of bareholes and position of different mounting parts
- Ovality and roundness of the tube

Individual Measurement Devices:

- Articulated measuring arms with 5, 6, or 7 axis
- with non contact fork-probe
- with Laserscanner
- with workspace from 1,27m to 4,5m
- Slide rail, which extends the workspace up to 2m

Individual Software Solutions can be programmed on demand for specific applications.

Services and Support

Calibrations, training and hotline for „after sales“ – Support via online-meeting, remote maintenance with computer connection like TeamViewer.

For further information please visit our website. If you have any questions, please do not hesitate to contact us.