

Tube 2010 Preview

Exhibition: **Tube 2010, 12 – 16 April, Düsseldorf, Germany**
Company Name: **ZUMBACH Electronic AG**
Address: **P.O. Box, CH-2552 Orpund, Switzerland**
Booth #: **5 C27**

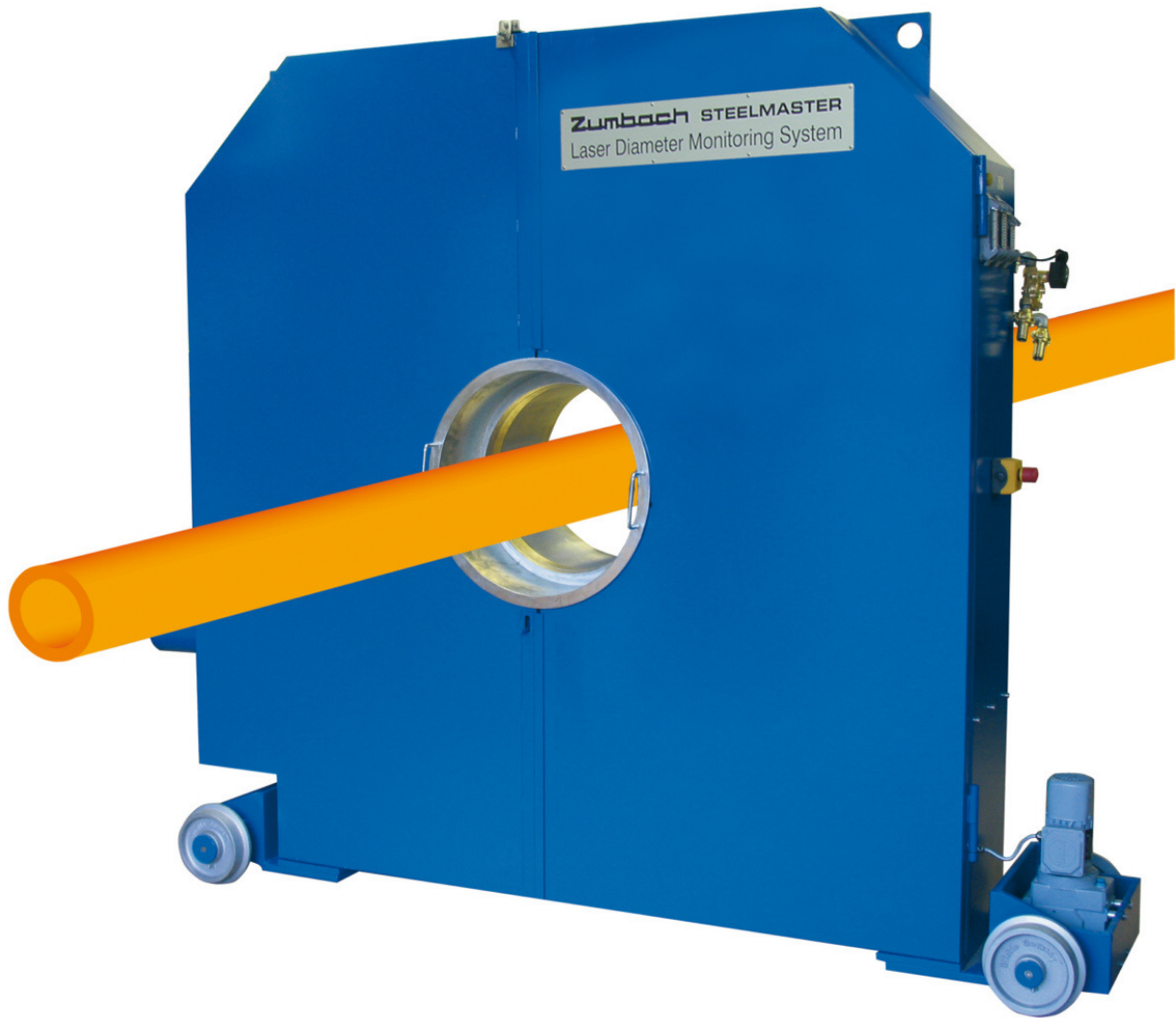
Preview

Zumbach will show equipment and solutions for precise measurement and monitoring of dimensions and shape/ geometry of any tube, pipe or profile, hot or cold. With two basic technologies Zumbach can always offer an optimal solution.

STEELMASTER is based on tangential laser scanning with ODAC[®] scanners and PROFILEMASTER[®] is based on highly developed “light cut” vision technology. Both technologies feature many, interesting news.

Some of the highlights are:

- **ODAC[®] 550**
Scanner with HLF Technology (High-Accuracy Large Field) (pat.)
Offers a 550 mm (21.65 in.) measuring field without a dead zone and highly accurate.
For tube and pipe up to approx. 500 mm (20 in) - hot or cold applications.
- **STEELMASTER SMO 550**
Diameter Gauges with new EPM (Enhanced Profile Measurement) software
Multi functional gauges for programmable static or oscillating measurement over 360° of the tube or pipe periphery, with 2 or 3 Laser axes The 3 axes version in combination with EPM software (pat. pend.) also detects and measures polygonal shape deviations.
- **CSS**
Calibrated Single Scan Technology
This means that now up to 6000 accurate measurements per sec are available with multi-axis STEELMASTER gauges. As a result, dimensional variations in longitudinal and in radial direction can be captured and analysed much better.
- **PROFILEMASTER[®]**
A complete and working system for cold tubes and profiles of any shape will be shown. The system is able to measure the complete profile, including key dimensions and shape deviations, like wrong radii, trapezoidal, concave, convex segments etc.



Picture: STEELMASTER SMO Measuring Gauge