TEESING LAUNCHES NEW WEBSITE!

Explore here virtually the opportunities we offer in your expertise. Travel with us through the latest applications, customer stories and engineering processes to see how we can relieve, support and improve your work.

The new website has been designed to provide the ultimate user-friendly experience with improved navigation and search functionality throughout the site. All changes are based on the valuable feedback of our customers.

Of course in the new layout, we retain features such as the Serto Material Configurator that contributes to the increasing need for information of our customers.

WHAT EXACTLY HAS CHANGED?
Probably one of the most noticeable changes is the layout and the visual design. It is more interactive and information can be found easily, for example by using the search functionality that search your requested information throughout the whole website.

Of course in the new layout, we retain features such as the Serto Material Configurator that contributes to the increasing need for information of our customers.

WHAT CAN YOU EXPECT IN THE NEAR FUTURE?
Today’s launch is just the beginning of developing our online presence. We are working hard on an extended multilingual online catalog where it hopefully be easy to select on type, size and other technical specifications. The ultimate goal is that the customer can create an online account with opportunities to purchase, view the history, easily re-order and request product specific data sheets.

OLD TEESING WEBSITE

NEW TEESING WEBSITE
**SERTO ALUMINUM**

The new aluminum coupling of Serto is 1/3 of the weight of stainless steel and has excellent corrosion and weather resistance. Other advantages are the unique Serto radial system and the possibility to connect to flexible, metallic, and plastic tubes. Applications are in different areas like for example; liquid cooling systems for power electronics, pneumatic lines for railway rolling stock or other light weight applications. Ask our sales engineers for the new brochure or look at our website!

**NEW ALUMINUM JIC MANIFOLD DESIGNED BY TSE**

Teesing Systems & Engineering (TSE) developed an aluminum anodized JIC manifold with panel mount connection for our customer Thales. The JIC manifold is developed to combine three fluid systems and guide it through a panel.

More information? Feel free to call our engineers for more information about these products or visit our website [www.teesing.com](http://www.teesing.com) for our complete range of products and services.

**NEED TO CONTROL GAS FLOW TO A SINGLE SET POINT WITH A COST EFFECTIVE SOLUTION?**

The control of gas flow is a major rapidly evolving field of gas dynamics. It implies a small change of a configuration serving an ideally large engineering benefit. This change may be accomplished by static or dynamic devices. Static devices, like orifices or roughness elements, are steady and require no energy by definition. Active control requires actuators which may require energy (for instance solenoid valves and actuators). The actuation may be pre-determined (open-loop control) or be dependent on sensors monitoring the flow state (closed-loop control).

**DYNAMIC OR STATIC GAS FLOW CONTROL?**

A lot of engineers think of MFC’s (mass flow controllers) when there is a need for a specific gas flow within an accuracy of 1% in the design phase. Once the whole system is tested/tweaked, the MFC is often set to a single set point and the gas supply (media, inlet pressure, temperature and other conditions) remain the same.

The MFC does the job, but its quite an initial purchase if you compare this to a SFC, which is priced significantly lower, and besides that needs calibration every year. You might be able to reduce the costs up to 70% over standard industry flow controllers, depending on your application.

Interested in reading more? Check our website.

The technique used in a SFC also creates a laminair flow.
WILL YOUR PROCESS LINE FREEZE THIS WINTER?
ARE YOU ALREADY USING THE MOST INEXPENSIVE SOLUTION TO PREVENT YOUR PROCESS LINE FROM FREEZING?

Heat tracing, also known as tracing, is a method used to prevent the heat loss of (liquid) products. In the petrochemical and chemical industries, the offshore industry and the food industry it is a challenge to keep products in pipelines, tanks, pumps and instruments hotter than the ambient temperature and to prevent them from freezing. Tubing often comes at the bottom of the list and many companies try to insulate the existing tubing with foam, but new developments also often use measuring pipes with separate tracing and foam.

REDUCTION IN TOTAL COST OF OWNERSHIP.
Cost reduction over the entire service life (TCO) is the motive for many customers to switch to customer-specific heat tracing bundles. It starts with the installation: the whole electric, oil or steam trace bundle, including insulation, can be properly fitted in one go by one fitter; this saves many man-hours on installation time and transfer costs. Furthermore, the chance of chloride stress corrosion cracking in stainless steel is minimal and the bundle is much better protected against external factors such as moisture and salt. During maintenance, the external coding shows exactly what the bundle contains, without it having to be opened. All these factors reduce the costs of the installation and maintenance of various types of tracing - electric, oil or steam - considerably compared to alternatives with separate foam or wool.

If you want more information please contact our sales engineers or check out our website:
www.teesing.com
APPLICATION STORY

LEAK TESTING IN A FIRE DETECTION SYSTEM

De groot instalatiegroep, designed a fire detection system. The fire detection system is based on the functionality that when a fire occurs, the tubing will melt, cracks and leaks. As a result of the leakage of the tubing, the pressure will drop, and the fire is detected. The system is divided into several segments so they can be tested for leaks separately. To test this system in a relatively simple way without the need to replace the couplings after the test, they were looking for an easy to apply solution.

Teesing advised the best and easiest solution to implement. This method provides ease of installation, time saving and above all, material savings. The recommended applied tubing in this application is Cu / PVC tubing and LDPE. LDPE is the tube that indicates the fire by melting. For connecting the tubing and the various segments as well as connecting to the compressing unit, Serto brass couplings are used.

Contact our Sales engineers, we are ready for the challenge.
Phone: +31 70 413 07 50
Email: info@teesing.com

SHORT NEWS

HOW TO IDENTIFY THREAD?

A wide variety of types of threads are used on components like fittings, filters, valves, manifolds, connectors, quick couplings, purifiers, regulators and instrumentation.

Teesing has a thread gauge for measuring metric and whitworth thread and a small booklet to get you started. Interested in receiving one?
Send us an email: marketing@teesing.com

NEW TERMS OF DELIVERY

Due to our expanding international activities we have adjusted our terms of delivery. You can find them on our website.

TICKETS FOR ADO

Would you like to experience a football match of ADO in a Sky box? We will be happy to invite you, just tell our sales engineers!