

Poppe + Potthoff GmbH
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PRESS INFORMATION

Clearly above 3000 bar: Poppe + Potthoff sets standards in high-pressure tubes

At the Tube trade fair, which will take place in Düsseldorf from April 7 to 11, 2014, the Poppe + Potthoff Group will set the focus on its range of products and services in high-pressure technology. The company's seamless precision steel tubes are used worldwide in hydraulic units, pressure test benches and injection systems for diesel engines. Thanks to their special manufacturing method, high-pressure lines from Poppe + Potthoff are considered to be very safe.

The diesel injection technology has accompanied the family-run business, which was founded in 1928 in Werther (Germany), for more than 40 years. With high-carbon steels E 355, PP 600 and the newly developed PP 1000, three high-strength standard materials are available for high-performance lines. The autofrettage systems and test benches specifically developed by the engineering company Poppe + Potthoff Maschinenbau GmbH ensure the fatigue strength of the high-pressure lines.

From customer-specific solutions up to series production

The experts for high-pressure tubes are leaders when it comes to improving engines for performance and low emissions – whether for building cars, commercial vehicles or ships. The technology centre, close to the precision steel tube mill in Werther, develops customer-specific solutions, for example double-walled common rail systems for ships. Prototypes can be made here in just a few days and validated like in series production.

In addition, an integrated manufacturing plant was constructed in Ajka in Hungary in 2013. High-strength tubes are drawn here and processed into components under one roof. The flexible processes that are optimised throughout meet the highest requirements of cleanliness in accord-

ance with the 0 ppm targets. Common rails and diesel injection lines are manufactured in series here for system pressures up to 3000 bar and beyond.

Text: 1943 characters (including blanks)

Images: Download in print quality: <http://www.poppe-potthoff.com/en/current>

Source: Poppe + Potthoff.

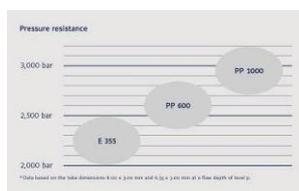


Photo: Common rail system with diesel injection lines from Poppe + Potthoff



Video: There are five good reasons for having high-pressure tubes from Poppe + Potthoff: It is stable under pressure greater than 3000 bar. There is the greatest possible cleanliness in manufacturing where 0 ppm is considered to be the target. In addition Poppe + Potthoff provide high engineering competence and ultramodern manufacturing.

<https://www.youtube.com/watch?v=gxcW1lhgADs>



Graphic: With high-carbon steels E 355, PP 600 and the newly developed PP 1000, there are three high-strength standard materials available at Poppe + Potthoff.



Illustration: Aesthetically staged high-pressure tubes: The trade fair booth of Poppe + Potthoff during the Tube in Düsseldorf

Poppe + Potthoff stands for precision. The group develops and manufactures customer-specific steel tubes, common rail subsystems, high pressure tubes, precision components, line shafts, couplings as well as specialized test stands and other machines. Poppe + Potthoff enables highly sophisticated solutions in automotive engineering and shipbuilding, machine tool building and mechanical engineering as well as other industries. The family-owned enterprise with its headquarters and technology center in Werther (Germany) was founded in 1928 and has more than 1,200 employees. Poppe + Potthoff is active in more than 50 countries with its subsidiaries and long-term partners – always in close contact with its customers. www.poppe-potthoff.com

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