

Press Release

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phs-directform® meets the sophisticated demands of the automotive industry

The requirements of car producers are very diversified with respect to structural autobody components, which feature ever lighter weights, higher strengths and greater stability. As an experienced and innovative specialist, voestalpine responds to the industry with phs-directform®, a material that meets the highest demands of hot-formed galvanized applications.

Weight savings coupled with excellent crash performance and outstanding corrosion protection are only some of the comprehensive requirements of automobile producers. Thanks to the phs-directform® innovation, voestalpine can now produce high-strength components with cathodic corrosion protection.

Unique serial production with hot-forming technology

The hot-formed, ultra-high-strength components manufactured by voestalpine over the past few years using 22MnB5 with Zn (phs-ultraform) and AlSi coatings have led the market with strengths in the 1500 MPa range. phs-directform®, the world novelty developed by voestalpine, is directly hot-formed, hot-dip galvanized steel strip to be used in corrosion-resistant light-weight components for the automotive industry. Direct hot forming is highly economical, especially when producing low quantities. Based on many years of experience in the serial production of galvanized press-hardening steels, voestalpine has once again underscored its market leadership in this area.

Go to www.thinkzinc.at for more detailed information about the new solution that applies cathodic corrosion protection using a zinc coating for direct hot forming. This is only one of the many technologies that underline the competitive edge of voestalpine. Website information is updated on a regular basis with new facts and figures as well as white papers on hot forming.

www.thinkzinc.at

Picture:

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Steel Division

The Steel Division is the largest division in the voestalpine Group and employs roughly 11,000 staff members. It produces high-quality flat-steel products, which is the core business of voestalpine. The parent company is voestalpine Stahl GmbH in Linz, a leading steel producer in Europe. The Steel Division is one of the leading steel producers of Europe. The Steel Division delivers to and consults customers in the automotive, construction, mechanical engineering, household-appliance, tube, section and energy industries. The portfolio of the Steel Division covers the entire range of high-quality steel strips: hot-rolled and cold-rolled, electrogalvanized, hot-dip galvanized, organic-coated.

Metal Forming Division

The Metal Forming Division in the voestalpine Group generated revenue of 2.3 billion euros and an operating result (EBITDA) of 331 million euros in the 2014/15 fiscal year. The division employs roughly 10,500 staff members and supplies almost all European automotive manufacturers. It is the center of competence in the voestalpine Group for sophisticated section, tube and precision-strip steel products and for ready-to-install system components made of pressed, punched and roll-formed parts. With an industry-unique combination of material and processing expertise and worldwide presence, the division is the partner of choice for innovative and quality-oriented customers.

The voestalpine Group

The globally active voestalpine Group is a steel-based technology and industrial-goods enterprise. voestalpine is represented by roughly 500 Group companies and locations in more than 50 countries on five continents. It has been listed on the Vienna Stock Exchange since 1995. With its highest-quality products, the Group is one of Europe's leading suppliers to the automotive, household-appliance and oil and gas industries worldwide. voestalpine is also the world market leader in switch technology and special rails, tool steel, and special sections. In the 2014/15 financial year, the Group generated revenue of 11.2 billion euros and an operating result (EBITDA) of 1.5 billion euros. The Group today employs roughly 47,500 staff members worldwide.

Please direct your questions and comments to

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