

NEW GARRET FOR CALEOTTO (FERALPI GROUP)

RANGE, FLEXIBILITY AND VERSATILITY GROW WITH SMS GROUP TECHNOLOGY

Lecco, 16th April 2024

Caleotto accelerates in the direction of greater flexibility and versatility. Part of the Feralpi Group and specialised in the production of wire rod for high value-added steels, the company has started working on the installation of a modern Garret line in its Lecco rolling mill. The plant technology is developed in partnership with SMS Group and will be dedicated to the production of coils with diameters from 19 mm to 32 mm.

The plant will not only lead to an impressive extension of the dimensional range, but also to a general improvement in the intrinsic properties of the products.

Indeed, besides obtaining superior surface qualities of the finished product, better coil formation and greater uniformity of the dimensional characteristics of the coil, the structure of the steel itself will be considerably enhanced. Thanks to the walking beam tunnel with its movable cover, the controlled cooling of the steel will ensure excellent mechanical properties.

Garret will produce coils weighing between 1.4 and 1.85 tonnes, at a speed of up to 20 m/s with a winding temperature of 700 to 900 °C.

Among the main benefits that will be transferred along the value chain are not only improved roll conformation, but also minimised off-line heat treatment for specific steel grades with optimised and customisable roll formation together with conveyors that avoid any surface defects.

«This investment - comments **Caleotto's chairman, Giovanni Pasini** - further reinforces our commitment to staying up-to-date with technological advances in order to provide state-of-the-art solutions. Since Caleotto became part of Feralpi, becoming an integral part of the business unit Specialties together with Acciaierie di Calvisano, we have taken many steps forward in the name of quality and efficiency. With this investment, which broadens our range of products, we are even closer to our customers to meet their needs. Just as the use of high-value steel is constantly evolving, our business unit is also moving forward by facing technological challenges to guarantee the highest standards in terms of product, process, service and support».

«We as SMS group - noticed **Nicola Redolfi, Head of Technical Sales Bar & Wire Rod Mills** - have been helping Feralpi group since they decided to resume operations in 2015. After the mill was renewed by us with the installation of Multiloop thermomechanical rolling line, MEERdrive ®PLUS finishing/sizing system and the coil finishing area, they can produce high-quality wire rod in terms of dimensional tolerances and surface quality. Originally, Caleotto was a wire rod producer. With the bar-in-coil line, they have extended their product range to larger sizes and, due to the MEERdrive ®PLUS finishing/sizing technology and installation of the above-mentioned processes, also down to 4.5 mm wire rod».



3D rendering of Caleotto bar-in-coil line

Caleotto

Caleotto is the Feralpi Group's company specialised in the production of wire rod for value-added special steel. Our commitment is to achieve tailor-made solutions thanks to an active listening of the customer's needs. Starting from the careful selection of raw material and research of the best quality for our final product, we cooperate on a daily basis with our partners to define every detail of the requested steel. By means of the talent of our people, we combine dynamism, flexibility, perseverance and intuition. The recipe of our steel is special because it is made of the precious contribution of every steel specialist.

www.caleotto.com

Feralpi Group

Feralpi Group is one of the leading steel producers in Europe (€2.4bn 2022 turnover, with over 1850 direct employees in 2022) and specialises in the production of steels for both building construction and special applications. From the parent company Feralpi Siderurgica, founded in 1968 in Lonato del Garda (Brescia), a path of growth has given rise to an international, diversified and verticalized Group upstream and downstream of the production and marketing chain. The Feralpi Group is one of the leaders on the national and European markets in the production of reinforcing steel in bars and coils, smooth and ribbed wire rod, rebar, drawn wire and welded mesh.

Feralpi's mission is not only to produce the best construction steels, but to do so in the most sustainable way possible, while respecting people and their diversity and the environment, by reducing energy consumption and emissions using the best available techniques, through investments in technology combined with intensive innovation and research activities.

www.feralpigroup.com

SMS group

All over the world, SMS group stands for future-oriented technology and outstanding service in plant construction and mechanical engineering for the metals industry. We use our 150 years of experience and our unique expertise in metallurgy, industrial processes, and digitalization to create new perspectives for our industry through continuous innovation – also beyond our core business.

We are the right partner for challenging projects and consistently harness new potential for our customers throughout the entire life cycle of their plant and equipment.

In doing so, we lay the foundation for aligning value creation, sustainability, and responsibility – and we work with our partners to fulfil our role as a pioneer on the road to a sustainable and carbon-neutral metals industry.

As a global player with German roots and a family of more than 14,400 employees, we take our responsibility for our industry and for society as a whole seriously.

www.sms-group.com

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