

Expansion at Parkegate

On the back of a recent order from Hindalco, which will see the installation of the first hot mill for canstock in India, UK-based Parkegate Engineering has expanded its engineering capability and capacity with the addition of more than 120 man years of experience in the metals industry.



Nick Saunders, Trevor Annels, Robert Hiscock and Paul Osborne have recently joined Parkegate Engineering.

Engineering specialist Parkegate has not only strengthened its engineering team with the addition of Trevor Annels (Project Engineer) and Nick Saunders (Fluids Engineer) but has also bolstered the sales team with the arrival of Robert Hiscock (Sales Manager) and Paul Osborne (Sales and Business Development Manager).

All with a long history at Siemens VAI, the recruits bring a wide range of skills to Parkegate covering mechanical and fluids design, rolling processes, sales, marketing and project management. Coupled with their experience in the sale and execution of an extensive range of projects worldwide, the recruits will enhance the capabilities of the existing Parkegate team.

Reader Reply No.40

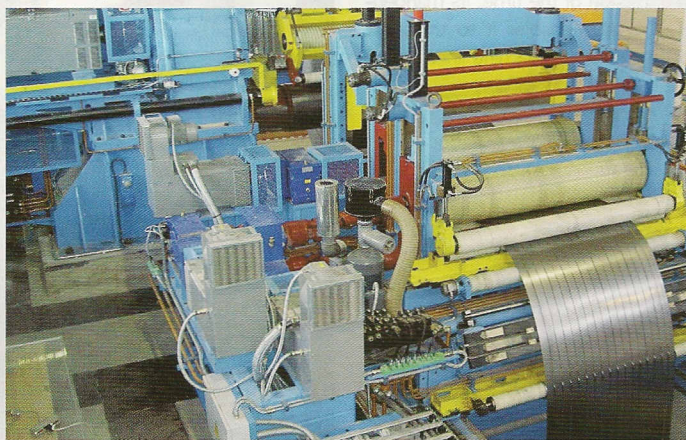
Iron ore sinter plant for India

Outotec has won an order from Steel Authority of India Ltd for the design and delivery of an iron ore sinter plant for SAIL's Bhilai steel plant in Chhattisgarh. Outotec will implement the turnkey plant project in association with Larsen & Toubro Ltd.

The sinter plant is part of SAIL's programme of expanding annual capacity of the Bhilai steel plant to seven million tonnes of crude steel. Outotec's scope of supply covers engineering, supply of proprietary and special equipment as well as technical services for a sinter plant with annual capacity of 3.7 million tonnes. Larsen & Toubro will cover the supply of local components and site construction works. The sinter plant is expected to become operational in 2012.

Reader Reply No.41

International cutting and slitting equipment orders



Exit section of a Salico slitting line.

Italy's Salico and its Spanish subsidiary Salmec report a successful 2010 in terms of business from steel service centres. Gonvarri, for example, has ordered a trapezoidal cutting line for its Argentine service centre investment. Intended to cut high quality steel for automotive external parts, the line will include a patented rotary tilting shear, a cassette leveler for high plastification and a magnetic stacker.

In Portugal, Plafesa has placed an order with Salmec for the supply of three cutting lines. This cut-to-length 2.000 * 20mm line will include an eccentric rotary shear, heavy duty levelers and magnetic stacker, together with two slitting lines.

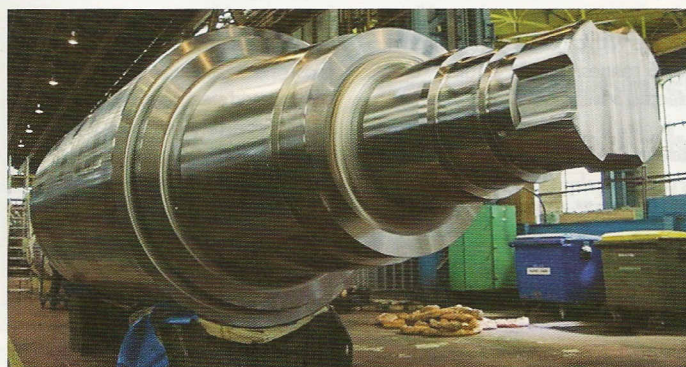
Brazilian company Tuper, one of the country's largest pipe and automotive parts manufacturers, has ordered two



advanced cutting lines. A cut-to-length 2.000 * 25mm line will feature as key components two heavy duty levelers for high plastification, a flying shear and an advanced stacker with lift-type arms to minimise dust and noise generation. Separately, a slitting 2.000 * 15 mm line will include Salico's bridle roll tension device for thick gauge strip, slitter head with completely automatic tooling exchange and an eccentric scrap chopper that allows knives to be changed within three minutes, without tooling. The line will be designed for later installation of a tooling loading robot with cleaning station, engineered and manufactured in-house.

Reader Reply No.42

Rolling out a Russian deal



One of Sheffield Forgemasters' large back-up rolls.

Sheffield Forgemasters has secured a substantial contract with Russian steel-maker MMK, valued at more than £3 million. The deal involves the supply of 116 work rolls weighing five tonnes each and two back up rolls weighing 40 tonnes each. MMK is located in Magnitogorsk, an industrial and mining city located by the Ural River.

The rolls will be used at MMK's latest wide strip cold rolling mill to roll steel sheets for domestic use includ-

ing car manufacture and white goods such as fridges and washing machines.

Creating the rolls requires specialist skills at Forgemasters, with processes ranging from forging each ingot to heat treatment, which takes the rolls from +940°C to -40°C and creates highly specific hardness properties. They are machine finished to within 0.05mm on computer-controlled machine tools.

Reader Reply No.43

In brief . . .

Ternium Planta Guerrero in Monterrey, Mexico has awarded a contract to LAP Laser LLC for the supply of two Slab Check complex measurement systems for its thin slab casters. These systems will utilise a number of scanning laser profile sensors to calculate centerline thickness, thickness profile and width and will provide feedback to Ternium's Level II for process optimisation purposes. The sensors will be housed in protective structures (sensor frames) with air cooling and purging. These sensor frames will be positioned at the casters, immediately after the transition of material flow from vertical to horizontal. Extensive data collection, display and analysis capabilities will allow Ternium personnel to obtain optimum performance and product quality at the casters. Installation and commissioning is scheduled for the first quarter of 2011.

Reader Reply No.44

The RHI Supervisory Board has named Henning E Jensen as 'Sprecher des Vorstandes', in addition to his existing role as CFO of RHI AG. This follows the recent departure from the company of Thomas Fahnmann, CEO for personal reasons. In addition to Mr Jensen, the Management Board comprises Giorgio Cappelli (COO, Steel Division) and Manfred Hödl (COO, Industrial Division).

Reader Reply No.45

PSI has been commissioned by Vallourec to deliver PSImetals as the Manufacturing Execution System (MES) for a small diameter rolling mill at Youngstown in Ohio, USA. Vallourec is already successfully using PSImetals at plants in Europe and South America. At the Youngstown plant, Vallourec is building a small diameter rolling mill to support the anticipated increase in demand for seamless tubes that is associated with the expansion of the natural gas market in the USA. PSImetals 5 incorporates the independent, complementary solutions of AIS, PSI and 4Production into one integrated offering, creating a product line that provides an end-to-end solution for the complete supply chain. Metals-specific products support all processes from planning to production execution, in full consideration of the complexity of metals production. PSImetals 5 enables manufacturers of steel and non-ferrous metals to ensure their competitive edge by helping them reach the goal of full, on-time, quality certified delivery of their customer orders, while respecting inventory, productivity and cost performance targets.

Reader Reply No. 46