Siroll Heavy Duty Shapemeter: new flatness measuring system for cold rolled steel and aluminum strip up to 5.5 mm thick

Siemens VAI Metals Technologies has augmented its portfolio for online flatness measurement of cold rolled strip in steel and aluminum rolling mills with the Siroll Heavy Duty Shapemeter. The new flatness measuring system is an enhanced version of the tried-and-tested Air Bearing Shapemeter family and enables measurement of cold rolled strips with a thickness of up to 5.5 mm. The system can be adapted flexibly to a wide range of end products and varying production conditions.

With the heavy duty version of the Siroll Shapemeter, Siemens VAI is extending upwards the range of strip thicknesses accessible to flatness measurements. Whereas the previous Shapemeter systems were designed for cold rolled strip of between 0.005 mm and 4 mm, the Heavy Duty Shapemeter handles thicknesses of between 0.05 mm and 5.5 mm. As is the case with the other systems, strips with a width of up to three meters can be measured.

The Heavy Duty Shapemeter features high load-bearing capacity combined with a robust design and is especially suitable for use in cold rolling mills for aluminum and steel, continuously providing plant operators with flatness data on the cold strip measured, even at low rolling speeds. The Automatic Trend Alignment (ATA) ensures precise positioning of the measured roll under all operating conditions and the system offers one the highest resolutions available today.

Like the other measuring systems from the Shapemeter series, the heavy duty version has a modular structure, which facilitates commissioning, reduces maintenance work and minimizes the stocking of spare parts.
Further information on solutions for steel works, rolling mills and processing lines can be found at:
http://www.siemens.com/metals

A photo supplements this press release. Please see:
http://www.industry.siemens.com/data/presse/pics/IIS200906649.jpg

The new Siroll Heavy Duty Shapemeter flatness measuring system for steel and aluminum cold rolled strip

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With the business activities of Siemens VAI Metals Technologies, (Linz, Austria), Siemens Water Technologies (Warrendale, Pa., U.S.A.), and Industrial Technologies, (Erlangen, Germany), the Siemens Industry Solutions Division (Erlangen, Germany) is one of the world's leading solution and service providers for industrial and infrastructure facilities. Using its own products, systems and process technologies, Industry Solutions develops and builds plants for end customers, commissions them and provides support during their entire life cycle. With around 31,000 employees worldwide Siemens Industry Solutions achieved an order intake of EUR 8.415 billion in fiscal year 2008.

Further information and downloads at: http://www.siemens.com/industry-solutions