

## **PRESS RELEASE**

**Shapeline launches ShapeCAT, a completely new product platform for flatness measurements.**

**Shapeline's new product platform ShapeCAT allows new and improved flatness measurement applications. The heart in the new system is ultra-fast, built-to-purpose cameras for measurements in the steel and metals industry.**



*Photo: The new smart camera is a central component in the ShapeCAT platform*

The new sensor and data-handling technology opens unique, new possibilities such as installations in high speed process lines, even better flexibility enabling smaller system space requirements as well as measurements with very high resolution.

There are many examples where the new ShapeCAT platform will give benefits. For example, measurements before and after rolling processes in Hot Strip Lines and Hot Plate Rolling can be done with high resolution in spite of the high processing speed. Measurements of hardening defects after the Rapid Cooling and Quenching sections in Continuous Annealing Lines – for both steel and aluminum will be done with significantly higher resolution and accuracy. Quenching tuning can be done faster and better, resulting in higher yield and faster start-ups and time-to-market.

Thanks to the improved performance, ShapeCAT will also provide several advantages in traditional flatness applications.

Accuracy and resolution in flatness measurements are significantly improved – e.g. on high yield strength heavy plate, precision steel strip etc. more precise information can be obtained – leading to better process automation and more correct decisions. The possibility to build flexible and tailor-made geometries to fit into existing lines becomes better – even if the space available for a flatness system is limited.



ShapeCAT also features a more straightforward and flexible installation and start-up – meaning lower overall project cost.

The new built-to purpose camera has several unique features. It is built for the steel and metal industrial environment. With internal pre-processing of image data, it enables high-speed data transfer from several measurement modules at the same time. The increased data transfer capacity has allowed the camera's sensor resolution and measurement speed to be significantly increased while several camera modules still can be run at the same time.

Several Shapeline Flex Flatness Measurement Systems including ShapeCAT for demanding applications have already been sold to major producers of plates and strips for delivery during the beginning of 2015.

Thanks to the new Product platform, flatness gauges are now more powerful and easier to install than ever before. Contact us for a demonstration and discussions!

***About Shapeline** - Shapeline develops, markets and implements high-tech in-line measurement systems for flatness measurements on plate and strip products within the global steel and metals industry. The systems supplied create big values for the users by offering new possibilities to efficiently control the processes and products. Shapeline has today a leading position within their market niche. The company is based in Linköping, Sweden.*

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