

**NEW!**  
**ShapeCAT**

**INTRODUCING THE WORLD'S  
HIGHEST PERFORMING  
FLATNESS GAUGE**



# Shapeline launches a new series of Flatness Measurement Systems for high speed and resolution measurements on flat Steel and Metal

Shapeline launches a completely new product platform: ShapeCAT. The heart in the new system is ultra-fast, built-to-purpose cameras for flatness measurement in the steel and metals industry.

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

Two Shapeline Flex Flatness Measurement Systems including ShapeCAT have already been sold to a customer in Korea, and will be delivered during the spring 2015.



The new ShapeCAT platform will allow higher performance in very demanding applications, for example:

- High resolution measurements before and after rolling processes in Hot Strip Lines and Hot Plate Rolling.
- High resolution measurements of hardening defects after the Rapid Cooling and Quenching sections in Continuous Annealing Lines – both for steel and aluminum.

ShapeCAT will also give advantages in traditional flatness applications, for example:

- Significant better accuracy and resolution in flatness measurements – e.g. on high yield strength heavy plate, precision steel strip etc.
- Better possibility to build flexible and tailor-made geometries to fit into existing lines – even if the space available for a flatness system is limited.
- More straightforward and flexible installation and start-up

The new built-to purpose camera has several unique features:

- Built for the steel and metal industrial environment
- Internal pre-processing of image data, enabling high-speed data transfer from several measurement modules at the same time.
- A 2000 x 1000 pixel resolution with up to 1000 Hz measurement speed in typical steel and metal processes – all from several camera modules at the same time.

**Flatness gauges are now more powerful and easier to install than ever before!**

**Contact us for a demonstration and discussions!**



Tel: +46 (0)13 470 3000  
E-mail: [info@shapeline.com](mailto:info@shapeline.com)  
[www.shapeline.com](http://www.shapeline.com)