

PROFILEMASTER® SPS 300-S4
New In-line Profile Gauge from ZUMBACH for Hot Rolling Mills.
Accurate- Stable- Easy Maintenance.

ZUMBACH Electronics introduces a new addition to their line of profile gauges for steel and metal profiles. The gauge is based on triangulation by camera vision, often also called “light cut” principle.

Four lasers “mark” the contour of the product and four matrix cameras capture each a large number of pixels on the product contour.

A highly developed software adds the four pictures to the true, orthogonal section of the profile. All critical dimensions, angels and radii can be programmed together with their tolerances.

Operators and supervisors can not only monitor the true profile as a 1:1 section online, but also see irregular faults such as seems, concave or convex shapes etc.

All standard profiles such as H, I, U, L beams, hexagons, squares, flats and any special shape are measurable.

Thanks to a unique concept, the PROFILEMASTER® delivers highly accurate and stable readings (which is not “natural” by this principle, used in many gauges). A high reliability is guaranteed thanks to a sophisticated, multi stage protection and purging/cooling system.

Another key advantage is the trouble-free maintenance with quick and easy access to the maintenance points.

Key Data

Measuring field:	300 x 300mm (11.8 x 11.8 in.)
No of lasers and cameras:	4
Largest product size:	Approx. 250mm or 200 x 200mm (9.84 in. or 7.87 x 7.87 in.)
Max. product temperature:	1200 °C (2192 °F)
Repeatability of measurement:	Better than 0.1 mm (.004 in.) dep. case

...see page 2 for pictures

JUNE 2011

For immediate release

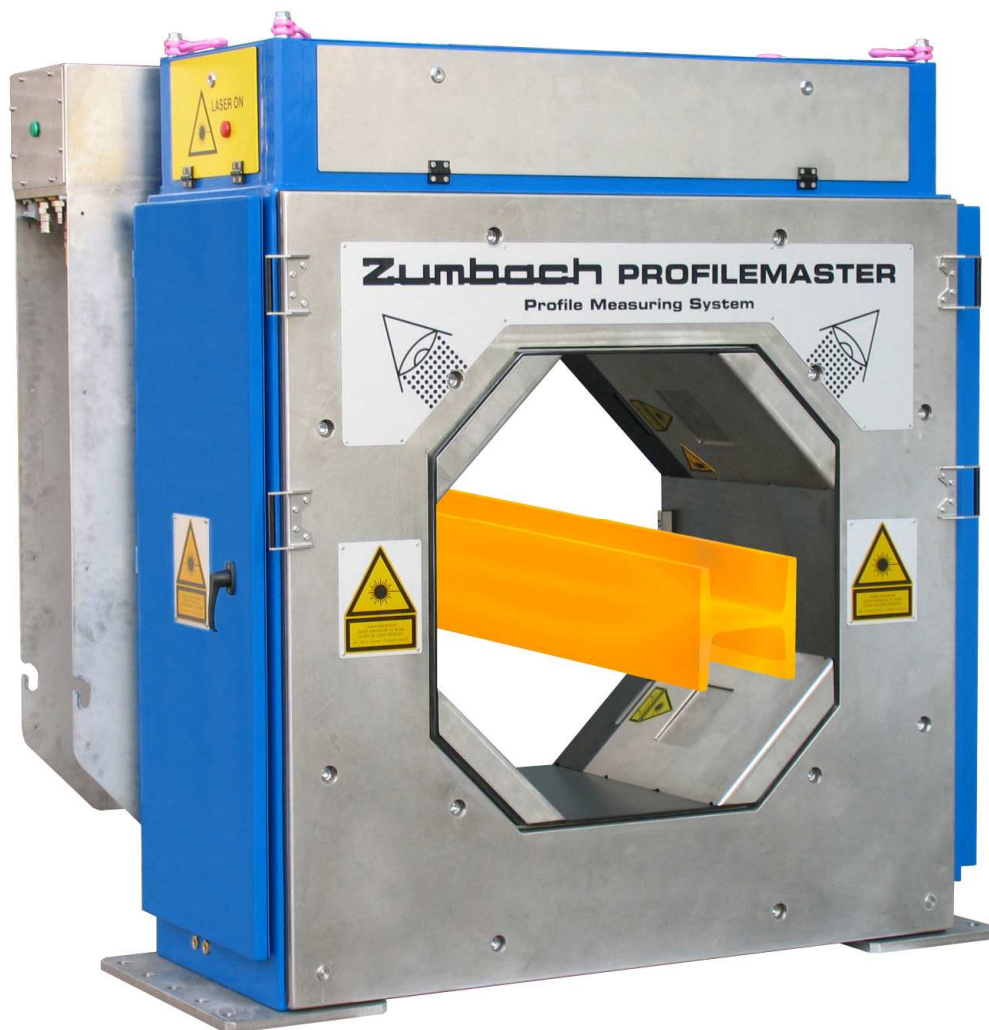
Reproduction free of charge

For additional information contact:

PR & Advertising Department

ZUMBACH Electronic AG

Switzerland (H.Q.)
 ZUMBACH Electronic AG
 P.O. Box, CH-2552 Orpund
 Tel.: +41 (0)32 356 04 00
 E-Mail: sales@zumbach.ch
www.zumbach.com



PROFILEMASTER® SPS 300-S4 measuring unit

JUNE 2011

For immediate release

Reproduction free of charge

For additional information contact:

PR & Advertising Department

ZUMBACH Electronic AG

Switzerland (H.Q.)

ZUMBACH Electronic AG

P.O. Box, CH-2552 Orpund

Tel.: +41 (0)32 356 04 00

E-Mail: sales@zumbach.ch

www.zumbach.com