

SIKORAEXTRA

Your magazine for Hose & Tube | Sheets

SIKORA
Technology To Perfection



Stand A6-6110

Fakuma



SIKORA at Fakuma

**You are cordially invited.
Visit us at our booth A6-6110**

**Experience innovative measuring and control
devices for the quality control in extrusion lines**

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SIKORA AT FAKUMA 2018

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Since 2005, SIKORA has been participating in Fakuma, one of the most renowned exhibitions for plastics processing, and presents to visitors future-oriented technological innovations. At this year's Fakuma from October 16 to 20, 2018, in Friedrichshafen/Germany, SIKORA again showcases innovative measuring and control devices as well as inspection, analysis, and sorting systems for the hose, tube and sheet as well as plastics industries.

These highlights await you at the SIKORA exhibition booth A6-6110:

Measuring and control technologies

CENTERWAVE 6000: Measurement of plastic pipes by means of millimeter waves

For quality control during the extrusion of pipes, SIKORA presents the CENTERWAVE 6000. Innovative millimeter waves technology precisely measures the diameter, ovality, wall thickness as well as sagging. The measuring method ensures a 100 % control, does not need any coupling media, is independent of temperature and plastic material, and stays accurate without calibration. A presetting of product parameter is not necessary. Easy operation and precision lead to the highest quality of the end product as well as cost savings and optimal efficiency.



Measuring values of the CENTERWAVE 6000 at the ECOCONTROL 6000 processor system

PLANOWAVE 6000: Thickness measurement of plastic sheets

Like the CENTERWAVE 6000, the PLANOWAVE 6000 is based on millimeter waves technology with the resulting technical advantages. The system precisely measures the thickness of plastic sheets – permanently during the extrusion and covering the complete width.

X-RAY 6000 PRO: Measurement of hoses and tubes by means of X-ray technology

A further highlight is the X-RAY 6000 PRO for the measurement of wall thickness, eccentricity, inner and outer diameter, and ovality of hoses and tubes. The thickness of up to three different material layers is measured. The automatic control of line speed or extruder rpm ensures maximum productivity.

LASER Series 2000/6000: Diameter measurement with lump detection

SIKORA laser gauges of the LASER Series 2000 and LASER Series 6000 are predestined for 2-axis and 3-axis diameter measurement of transparent and non-transparent hoses and tubes. They are characterized by a high precision and continuous functionality without calibration or maintenance times. Furthermore, the LASER Series 6000 impresses with up to 5,000 measurements per second/axis with the highest single value precision for an efficient process analysis. The integrated lump detector feature ensures the detection of irregularities on the product surface.

LUMP 2000: Reliable lump detection on the product surface

SIKORA's presence in Friedrichshafen is rounded off by innovative XY and 3-axis lump detectors that detect irregularities on the product surface. The combination of double sensor technology (differential measuring principle) with infrared light sources ensures reliable fault detection even under difficult conditions, such as dirt, dust, and extreme vibrations.

Inspection, sorting, and analysis

At Fakuma, the PURITY CONCEPT V (Visual) will celebrate its show premiere. The innovative system is used for optical offline inspection and analysis of transparent, diffuse, and colored plastic pellets. The system mimics a "conventional" light table in its function, but is consistent in its inspection quality due to the intelligent automatic evaluation. Furthermore, it determines the size of contamination. The test material is automatically driven through the system and contaminants are visualized.

Discover innovations at our SIKORA
Fakuma exhibition booth



The PURITY CONCEPT V is suitable for sample testing during the production process or for incoming goods inspection.

The PURITY SCANNER ADVANCED is the highlight for online inspection and sorting of plastic material. The system combines X-ray and optical technologies and detects contamination inside plastic pellets as well as on their surface. The PURITY SCANNER ADVANCED is designed for plastic manufacturers and processors for quality inspection as well as outsourced sorting.

Have we caught your attention?
We cordially invite you to visit our
booth A6-6110.

Linger at our exhibition booth, enjoy interesting discussions as well as delicious delights and refreshing drinks and get inspired by our "Technology To Perfection".

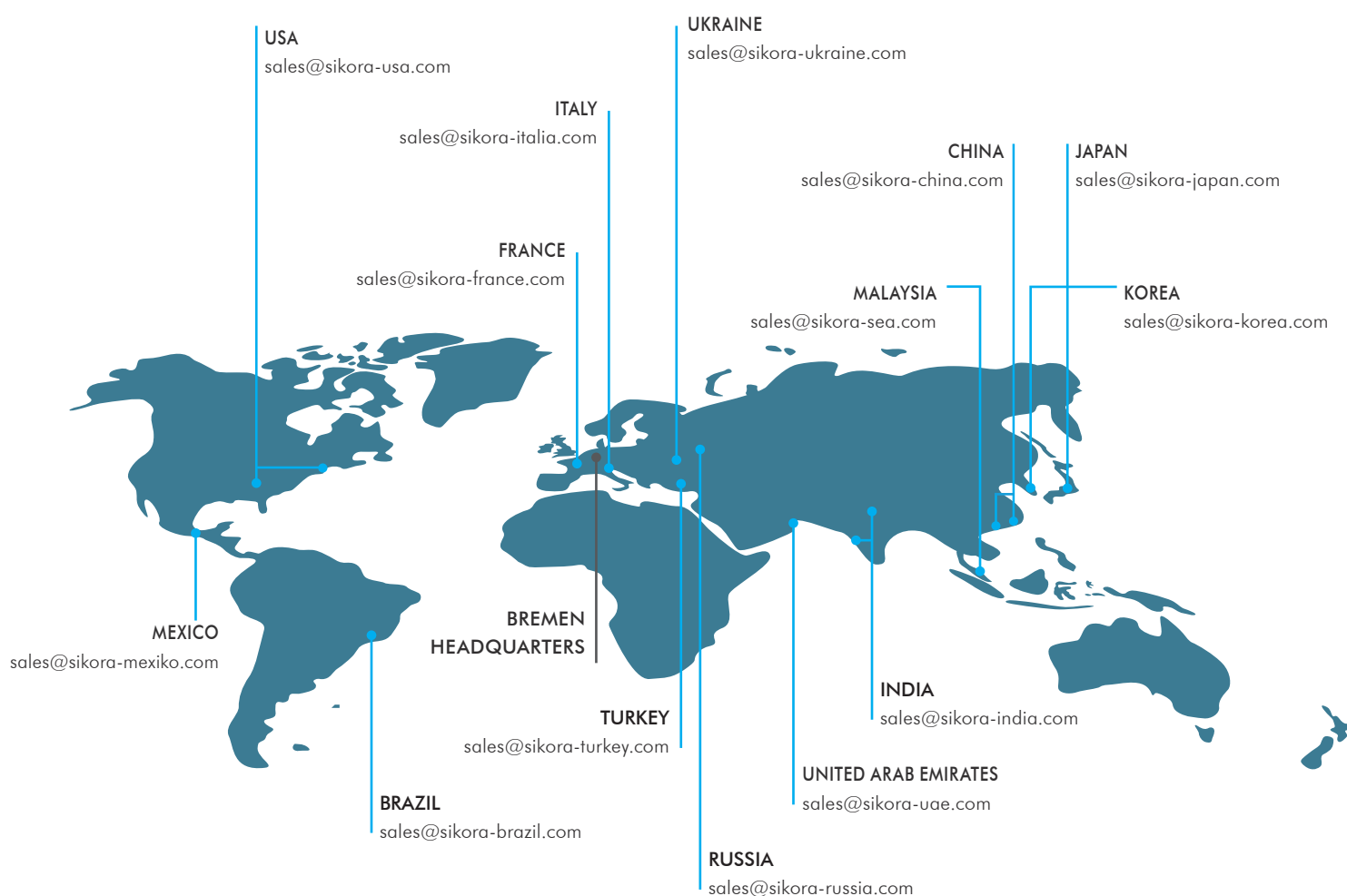
For your visit at Fakuma, we offer a limited contingent of voucher codes that can be redeemed into an e-ticket.

Feel free to contact us at:
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