

# SIKORA EXTRA

## HOSE & TUBE



X-RAY 2120 helps to save costs



Two world champions:  
Harald Sikora and Harry Prunk

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## SIKORA is the spearhead of the German medium-sized business

Dear reader,

The holiday season is approaching and a new year will soon begin. This is the time to look back to the past.

For us the year 2008 was shaped by great success. With the market launch of the new CENTRIX 8025 XY we now offer hose and tube customers the opportunity to measure the eccentricity of transparent products by means of a diameter measuring device. The X-RAY 2060 has been equipped with a bigger sight field of 70 mm and is now the ultimate partner for the manufacture of composite tubes up to 63 mm. In particular, we are proud of our smallest display and control device, ECOCONTROL 600: The clear display of the measuring values on the 8.4"-TFT-color monitor, as well as, the precise control in automatic mode, have impressed many customers worldwide.

Moreover, we have strengthened our strategic company locations with expansion. The opening of additional service offices in Egypt and France contribute to a strong global customer service. Besides the service offices, our sales offices have also expanded. SIKORA ASIA has set up a new office in Suzhou and is serving customers from two locations now: Fuzhou in the south east of China, Suzhou close to Shanghai. The American market, represented by our office SIKORA INTERNATIONAL CORP, added more space for administration, warehouse and service in June of this year. Furthermore, we are happy about a new sales office in Istanbul/ Turkey, which will be managed by Mrs. Ajda Sarigülle beginning January 1st 2009.

The broad public is paying more attention to our company. Just re-

cently, SIKORA AG has been placed 18th in an article of the „Handelsblatt“ under the title “Exclusive ranking of the fastest growing medium businesses – Germany’s upcoming world champions“. All these are tremendous events and achievements, however would not be possible without the affiliation of our customers and partners. We thank you for your loyalty and confidence. We wish you and your family happy holidays as well as a good start for a happy and successful New Year.

Best regards,

Handwritten signatures of Harald Sikora and Harry Prunk in blue ink.

Harald Sikora & Harry Prunk

## SIKORA IS THE UPCOMING WORLD CHAMPION

### SIKORA belongs to the fastest growing medium-sized companies in Germany

The SIKORA AG ranks 18th among the 100 future medium-sized world market leaders in Germany, as determined by Berlin economy professor Bernd Venohr. Under the title "Exclusive ranking of the fastest growing medium-sized companies – Germany's upcoming world champions" Prof. Venohr made the evaluation for the Handelsblatt, Handelsblatt.com and Wiwo.de. The nomination of the 100 fastest growing German world market leaderships resulted from a comprehensive data base. The following criteria were used for the selection: The Company belongs worldwide to the top three or is leading in Europe. The turno-



Harald Sikora and Harry Prunk are the head of SIKORA AG

ver was below 50 million euros in 2005 and has increased by at least ten percent annually in the last 3 years. The companies had no in-

fluence on the analysis and the result. SIKORA AG thus joins the top league of the classic medium-sized companies.

## X-RAY 2000: INNOVATION FOR THE FUTURE

### Diameter, eccentricity and wall thickness measuring device

Worldwide today, there is an increasing demand for reliable measurement and control of the insulation wall thickness and eccentricity at hose and tube extrusion lines. With the X-RAY 2000 SIKORA pre-

sents a very interesting generation of X-RAY measuring systems, where the hose or tube is transilluminated by X-rays. Accurate measuring values are continuously available within fractions of a second, which allows for a fast centering of the crosshead and a continuous measurement and control of the extrusion line in consideration of the minimum values. The measuring axes are arranged under 0, 90, 180 and 270°.

The system is easily integrated into every hose and tube extrusion line and very well suitable for measurement of plastics and rubber hoses. The measuring values of the X-RAY 2000, i.e. diameter, ovality, wall thickness and eccentricity, are displayed numerically and graphically on the processor system ECOCONTROL 2000.

The system is operated intuitively via a 15"-TFT-color monitor touch screen. In the case of eccentricity, the wall thickness is shown as an eccentric ring. The position of the thinnest wall insulation is marked in color. As standard, the X-RAY 2000 has a statistical function for analyzing the measured results in a length or time-related trend diagram (with a zoom function) and is combined with a chart showing the distribution of the single values (statistical distribution curve). The X-RAY 2000 provides the highest potential for savings in respect to material overconsumption and start-up scrap.



X-RAY 2120

## NO CHANCE FOR LUMPS

### Reliable lump detection thanks to SIKORA's LUMP 2000

With the LUMP 2000 series SIKORA takes spectacular dimensions for the detection of lumps and neckdowns in two or three measuring planes. The heart of the LUMP 2000-devices is technically advanced double sensor technology. The systems detect punctual non-conformities in the product surface even at a line speed of up to 3000 m/min. The outcome of this technology is a precise fault detection and analysis for the smallest non-conformities of 0.01 mm. Simultaneously, the lump detectors stand out for highest reliability and comprehensive functionality. The XY-gauge heads are suitable for product diameters from 0.25 to 10 mm. Moreover, SIKORA provides 3-axis models for product diameter from 0.25 to 35 mm. The most striking quality of the T-devices is the sophisticated

design. The gauge heads are open at the bottom to prevent the measuring plane from collecting dirt or water, also allowing for easy movement of the gauge head up and out of the extrusion line. For the detection of bigger, non punctual or non circular faults (bamboo

rings) the LUMP 2000 XY models are available. In particular, the three-axis measuring principle of the LUMP 2000 T systems set technological standards. Punctual faults are detected with a constant high probability.



LUMP 2000 T

## PROFITABILITY FOR YOUR PRODUCTION LINE

### Remote 2000: Classic display and control device

Besides the future-oriented measuring and test devices SIKORA also offers compatible display and control systems. The REMOTE 2000 is an advanced processor-based display and control unit for hose and tube extrusion lines. As a decentralized device it is universally applicable to all SIKORA diameter measuring systems (LASER 2000 XY, LASER 2000 T) as well as the lump detectors LUMP 2000 XY and T. Furthermore, REMOTE 2000 is suitable for panel mounting or for installation on the gauge head support. The display of the measuring values is on a five-digit 20 mm high

clear LED-display. For applications requiring continuous automatic control of the line speed or the extruder rpm the REMOTE 2000 is offered with the control module SET POINT. Optionally, a length-related record of the measuring

values as well as statistical data is available. The REMOTE 2000 provides an interface, to support a connection to an external PC for data gathering or PLC line control operations. Optionally, this port supports the report printer. To increase operator ease of use, a product library is available for the REMOTE 2000 for up to 50 cable types. Nominal values and tolerances can easily be recalled for the control of the line.



REMOTE 2000

## SIKORA AG FURTHER ON THE COURSE OF EXPANSION

### New service office in Paris

With a new service office in Paris, SIKORA has further expanded its presence in Europe. The office, under the direction of Jérôme Charbonnel, has been opened due to the increasing number of customers in the strategically important French market.

Since 1995 SIKORA has been successfully collaborating with the representative S.O.C.E. OXYCOM in France, which is directed by Mr. Gérard Fraenkel, and has been able to develop a broad customer base in recent years. The manufacturer of measuring and

control devices for the hose, tube, wire and cable sector continues its company strategy of nationwide presence and customer proximity with the new service base, which is also located in the building of S.O.C.E. OXYCOM. The SIKORA strategy is based on the setting up of service offices worldwide, which specifically cater to customer needs and ensure fast support and service on site. "France is an important market for us, as many cable manufacturers in the branches of communication, automotive, energy, and installation have their base there. In particu-

lar in the hose and tube segment we aim to further strengthen our presence and to convince customers of our first-class measuring and control systems", says Harry Prunk, Chairman of SIKORA AG. "With a service office on site and the representative S.O.C.E. OXYCOM we can service our customers even more intensively and further expand our market position in France", concludes Prunk.

## SIKORA

Technology To Perfection

SIKORA EXTRA HOSE & TUBE

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### New sales office in Istanbul/ Turkey

SIKORA AG will open a new sales office in Istanbul/ Turkey by January 1st 2009. This ninth sales location contributes to the increasing demand for its innovative measuring systems. With the new office in Istanbul, SIKORA is able to react faster to customer requests and to further expand its business in Turkey.

SIKORA has been working very successfully with the International Trade Consultancy (ITC) since July 1997 and follows the extremely positive business development in the Turkish market with setting up its own office. "We are proud to announce the forthcoming opening of an additional office in Turkey", says Harry Prunk, Chairman of SIKORA AG. Head of the SIKORA office in Istanbul



Ajda Sarigülle is the sales manager of SIKORA TÜRKIYE

is Ajda Sarigülle. After an intensive 6-months training in Bremen, Mrs. Sarigülle, who has great experience in the field of administration and sales, will move to the new office at the end of this year.