



Polygraphische innovative
Technik Leipzig

Press Release

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NIP CON SMART Implemented in Practice at the Druckerei Vettters Printing Company

For more than a year, the NIP CON SMART Contact Zone Measuring System has been used extensively at the Druckerei Vettters printing company in Radeburg, Germany for setting the rollers of the offset presses. The printers are impressed by the simplification of this task thanks to the well-conceived concept of the measuring system.

The Druckerei Vettters printing company in Radeburg, Germany, located north of Dresden, is a long-established company in the graphic arts industry. Founded as the Buchdruckerei Ulbrich print shop in 1949, the founding family and five employees worked with a small number of machines to fulfil their orders. In 1982, the print shop was acquired by the Vettters family. At the beginning of the 1990s, several changes were made to expand the printing company and adapt it to new requirements. This included investments in new prepress technology and new offset presses. This led to a lack of sufficient space, so in 1993, work began on the construction of a new printing facility in Radeburg's conveniently located industrial park. Since then, employees have been regularly kept up-to-date through training seminars, and the technology has been continuously improved thanks to regular upgrades.

This is reflected in the acquisition of the NIP CON SMART Contact Zone Measuring System from PITSID Polygraphische innovative Technik Leipzig. With this investment, regular inspection and adjustment of the contact zones in the inking and dampening units becomes a quick and easy maintenance operation on the presses. The Druckerei Vettters company has two 8-page web offset presses and two 16-page web offset presses in operation on which inspection and adjustment take place with the NIP CON SMART. The contact zones are checked at least twice a year. Outside these periods, quick verification and - if necessary - adjustment can be carried out in the event of significant fluctuations or declining print quality.

"The inspection and adjustment of the contact zones on the presses has been substantially simplified by using the NIP CON SMART, and it is a relief for us printers to use this system. In addition, achieving the target values at the different contact points is much more accurate than with the conventional

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method, which uses an adjustment gauge to measure the inked contact strips." Team Leader Erik Kraut explains: "The menu navigation is simple and understandable for everyone. The self-explanatory structure also means that no time-consuming user training was necessary. We were able to get started right away and even got faster and faster over time."

The system features a function with which the current setup values can be recorded and transferred to a PC via an interface. This allows for statistical analyses of the changes between the inspection intervals to be made, which in turn provides a very good overview of the wear of the inking rollers.

This is all the more important because the printing company is certified in accordance with Process Standard Offset printing and has thus committed itself to meet the conditions and requirements specified in the standard for workflows in the company and the quality of the printed products.



Image 1: Inserting the easy-to-handle sensors for contact zone measurement



Image 2: Display of the current values during the adjustment process



Image 3: Printing Team Leader Erik Kraut is very satisfied with the quick and easy adjustment of the target values



Image 4: The Contact Zone Measuring System NIP CON SMART consisting of the sensors, the hand-held device and tablet