



## **High-precision register punch for offset printing plates**

Shorter make-ready times in the pressroom are the target of a newly developed product of Polygraphische innovative Technik Leipzig GmbH (PITSID). CtP systems do not always have a register punching system integrated. Due to several reference points on the plates the absence of such a system in plate-making may result in the inaccurate position of the printed image to the punching pattern. Deviations like that may especially occur when large-size plates for sheet-fed offset presses are to be punched. Such quality-reducing errors can only be corrected by register adjustment on the press. This often required additional procedure can now be optimised. The PITSID register punch makes it possible to automatically measure targets placed in non-printing areas, and to register and fix the plate according to the measured data. The printed image is precisely aligned with the punching system, and the register holes are directly aligned with the printed image thus allowing them to be precisely punched. The application of this register punch reduces the register adjustment on the press to a few manual operations or renders it obsolete due to the automatic precision measurement. The new PITSID product fills a considerable gap in the prepress quality workflow, because automatic plate adjustment devices outside the printing press have so far not been available for most of the present imagesetters without integrated register punching system.

February 4<sup>th</sup>, 2004

### **For instant publication.**

Contact:

Frank Baier

Sächsisches Institut für die Druckindustrie Leipzig

Institut des Vereins POLYGRAPH e.V.

Mommsenstraße 2

04329 Leipzig

Tel. 0341/2 59 42-26

Fax 0341/2 59 42-99

[www.sidleipzig.de](http://www.sidleipzig.de)