



NELA Ternes shows “Closed-Loop System” & “CREO Trendsetter” at NEXPO 02 for the first time in the US

St. Paul, MN – June 21, 2002: NELA Ternes will for the first time in North America demonstrate its new “Closed-Loop” quality control plate inspection system for visible light laser CTP devices at NEXPO 2002

At the heart of visible light FD-YAG laser systems these CTP devices use a photographic principle that is susceptible to the same sort of quality control issues that any photographer faces. Controlling the amount of light, and focus along with controlling chemistry in the processing stage is absolutely vital to having a properly exposed plate that will last for the duration of the press run. NELA Ternes is part of the IFRA research team that developed this new inspection technology along with other IFRA partners including Agfa, Esko-Graphics, Techkon. The result is an in-line system that checks exposed and processed plates for laser intensity, laser focus, and processor characteristics. Plates are inspected in the NELA Ternes VCP (vision punch/bender) and those exhibiting quality problems are stopped at this point. The result is an in-line automatic plate inspection system insuring that only high quality plates are delivered to the pressroom. Please visit the NELA Ternes booth (2221) during NEXPO for more information.

Printing Plate Loader for CREO Trendsetter

NELA Ternes is offering another milestone in plate automation to pre press. The big user community of CREO Trendsetter has now the option to enhance the performance of its CTP equipment by automatic plate loading and slip sheet removal. The NELA PL-T, for the first time demonstrated in the US during NEXPO, will have a capacity of 600 single or 300 double wide printing plates. It's loading speed can go up to 300 plates/h but will be synchronized to the Trendsetters imaging output. Effectively this will result in loading the plates once a day only in most pre press environments, labor savings and automatic workflow. The loader covers almost all plate sizes from 11 x 15 inch (279 x 381 mm) to 33 ¾ x 55 inch (857 x 1143 mm). It is geared to CREO Trendsetter users such as newspapers or larger web offset printing companies, benefiting most of higher plate throughput. Typically the NELA PL-T will complement a pre

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press area utilizing fully automatic plate handling after exposure with products like the NELA VCP in line punch bender and plate stacking system. Please visit the NELA Ternes booth (2221) or the CREO booth (1947) during NEXPO for more information.

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