



Little steps - big impact: Servo motor controlled technology brings multivariability in the plate room to a new level.

Oakdale, Minnesota –Thursday, September 30, 2004 – NELA, the market leader in pre press registration technology is introducing a new generation of multivariable plate bender technology in the prepress room. With this new design, NELA is now able to form different plate radii on one bender without compromising the press specifications.

Customers nowadays want the complete automated integration from CTP through the punch bender and to the plate delivery system. The more diverse the press environment gets, the more difficult it seems to realize this goal, since different plate cylinder lock up systems demand variable cut off, punch configurations, bend angles and bend radii. Bend Radii were the biggest hurdle to overcome since the bending anvils had to equal the exact geometry of the bent plate. Consequently web commercial printers wound up with a diverse variety of punches and benders purchased together with each press.

NELA now offers true multivariability. Its m-series machines are equipped with servo motors allowing the adjustability for different cut offs and programming for different bend radii of the bent plate. The bend geometry no longer is achieved with an anvil mirroring the required bend result but with the bending tool and the upper anvil forming the bend in incremental steps. This multivariability is available in combination with conventional bending technology. Through the programming of these "little steps" a specific radius is formed.

By combining multiple CTP outputs to a common processing line, a single punch bender and stacking system can eliminate the number of benders and punches for multiple presses with different cutoffs and plate cylinder nose radii. Servo motors and software now make this possible, similar to the revolutionary change to shaftless printing presses. NELA's innovative technology will be displayed at **Graph Expo, Booth 5017**.

For further questions, please contact:

NELA
Marketing & Communications
Katharina Gruber
7435 4th Street North
Oakdale, MN 55128
Phone: 651-407-4863 Fax: 651-407-4801
e-mail: katharina_gruber@nela-usa.com
www.nela-usa.com