



see. control. automate.

NELA Punch & Bending Devices

NELA Visio

The bender for small to mid size prepress production

Fully capable inline or standalone register punching & bending device with Vision Control Positioning

- For single and double wide offset printing plates up to 1100 mm plate width
- Automatic infeed of printing plates or integrated plateline setup for up to 150 plates/hour
- Optical alignment with Vision Control Positioning
- Bending configuration according to customer's specification





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TECHNICAL DATA NELA Visio

- Compressed air: 1/2" npt, 100-120 psi
- Electrical supply: 240V
Single phase

NELA Visio is a fully capable inline or standalone Vision Register Punch Bender geared to small to mid size Newspaper and Commercial Printers.

Product Profile

With its basic floor layout configurations, the NELA Visio punch bender offers all the benefits of a modern true vision register automated plate line at an affordable price, engineered and manufactured in the USA, incorporating proven NELA technology you can trust.

Operation

All parts in the NELA Visio cameras detect the exposed register marks on the printing plates coming out of the processor. Once in their correct position, the printing plates are punched and bent in one working cycle and are safely loaded into its stacking station.

Reliability

All parts in the NELA Visio are designed by our experienced NELA Engineers in the USA. NELA quality is guaranteed for the manufacturing of the NELA Visio ensuring trouble free operation for years to come.

Technical Features

- Optical controlled register punching and bending in one working step
- Speed: up to 150 single wide plates/hour
- Siemens PLC
- Network capability
- Automatic plate in-feed configured to match your needs (landscape or portrait plate formats)
- Input height corresponding to the preceding plate processor
- Intuitive PC based user interface
- Cleaning and oiling of the punching tools before each punching process ensures the long life of the equipment and continuous burr-free register punching
- Infeed configurations to work with any CtP device
- Open integration platform for easy integration of new applications
- Stepper motor controlled 3-axis plate adjustment and positioning
- Positioning of offset plates through high resolution digital cameras and imprinted registration marks for exact register

Optional Features

- Additional punch tools
- Additional plate width (total of 2)
- Automated inline operation
- NELA Service Wizard
- Standard sized single position stacker for single and double wide plates

Our Service - Your Advantage

- Installation by our NELA USA Service Technicians
- 24/7/365 Service Availability
- Everything from NELA – from register bars to fully automatic plate processing lines and on-press register control.
- Installation drawings and layouts (CAD) according to your requirements
- Spare Parts available in 24 hours or less with full inventory in River Falls, WI



NELA - Who we are:

The NELA group, consisting of NELA Brüder Neumeister GmbH, NELA USA and NELA Asia, form one of the largest manufacturers of high-quality optical control devices for industrial applications, process control and automation. NELA Register systems include inline punch-bending machines, both for newspaper and commercial printing and plate automation and transport systems. With more than 2000 installations around the world, NELA is the technology leader in their field; with presence in all 5 continents.



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