



see. control. automate.



NELA Bending Devices

NELA SF Bender

Automation of sheetfed plate production for commercial printers
Fully automatic bending for sheetfed off set plates

- For sheetfed printing plates up to 1100 mm plate width
- Automatic infeed of printing plates or integrated plateline setup for up to 120 plates per hour
- Bending configuration according to customer's specification



Shown with options



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TECHNICAL DATA NELA SF Bender

- Compressed Air: 1/2" npt, 100-120 psi
- Electrical supply: 208/240 V
Three Phase

Single phase available upon request

NELA SF Bender is a fully automatic bending system - the solution for commercial printing.

Product Profile

The NELA SF Bender has been specifically designed for the needs of sheetfed printers. The NELA SF Bender offers all benefits of modern automated plate line at an affordable price and NELA technology you can trust.

Operation

In the NELA SF Bender, the plates are registered by means of an electronically controlled stop pin system that matches with the stops utilized by the CtP, guaranteeing perfect print quality. The plates are bent according to the press manufacturer. It is possible to bend several plate formats with the same bend profile.

Reliability

All parts in the NELA SF Bender are developed and designed according to the latest state of art technology and manufactured with highest precision. NELA quality is guaranteed for the manufacturing of the NELA SF Bender, ensuring a trouble free operation for years to come.

Technical Features

- Register-true positioning of the plates by electronic controlled three point alignment
- Standard system includes one plate format and one bend configuration at one plate edge
- Integration of second bending configuration upon request
- Speed up to 120 plates per hour
- Standardized transport units from plate processor to NELA SF Bender
- Siemens PLC
- FESTO pneumatic components
- Electronic process control
- Expandable with additional plate stackers and conveyor system for connection with one or more CtP lines
- Plate stacker with suction cups for safe pick-and-place without scratching
- Open integration platform for easy integration of new applications
- Cleaning and oiling of the punching tools before each punching process ensures the long life of the equipment and continuous burr free and accurate register punching

Optional Features

- PC System with monitor
- Bar code reader
- Plate sorting: additional stacker bins and Indexer
- NELA Sorting Software: PSC Plate Sorting Commercial
- Page Tracking
- Status Center
- NELA Service Wizard
- PQM+ in line Plate Quality Measurement
- VPN+ Remote Assistance
- NELA Service packages

Our Service - Your Advantage

- Responsive, expert consulting
- 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
- Full spare parts inventory in River Falls, WI



NELA - Who we are:

The NELA group, consisting of NELA Brüder Neumeister GmbH, NELA USA and NELA Asia, forms one of the largest manufacturer 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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