

THE REGISTER & PLATE  
AUTOMATION EXPERTS



# NELA RAO

Fully Automatic Register Punching and Bending  
Device for Offset Printing Pates



For single and double width offset printing plates  
Printing plates are positioned automatically  
Electronically controlled alignment stops  
Register Punching and Bending in one working cycle  
Display supported Diagnostic System

PRECISION *PRIOR* TO  
PRINTING



## NELA RAO

### Technical Data:



- **Compressed Air supply:**  
100-120 PSI, 10 CFM (9 bar, 20 L/plate)
- **Electrical supply:**  
208 VAC, 50/60 Hz, 20 AMPS, 3-Phase
- **Dimensions (Bender only):**  
Length: approx. 50" (1265mm)  
Width: approx. 60" (1500mm)  
Height: approx. 48" (1215mm)
- **Dimensions (with conveyor & stacker):**  
Length: approx. 130" (3300mm)  
Width: approx. 80" (2000mm)
- **Weight:** approx. 885 lbs. (400 kg)

#### OPERATION

In the NELA RAO, single and double wide offset printing plates are automatically positioned by electronically controlled alignment stops. Once in their correct position, the printing plates are punched and bent in one single working step and then they are safely loaded into a stacking station. An electronic control system guarantees the register accuracy of the printing plates.

#### RELIABILITY

All parts in the NELA RAO are developed and designed to the latest technological standards and manufactured with highest precision. Quality assurance is our most important concern. As such, you can expect our equipment to perform for years to come.

#### TECHNICAL FEATURES

- For processing of **punched** offset printing plates
- For **single** and **double** width offset printing plates
- Multi format switch
- Registration by means of register pins, vacuum and hold-down bars
- Bending configuration according to plate drawing of the printing press manufacturer
- **Electronic control**
- Air-cushion facilitates handling of the printing plates
- **Vacuum** on the machine table guarantees accurate positioning of the printing plates before bending.
- **OPTION:** Preparation for a later upgrading to NELA VCP—register punching and bending device with Video-Control-Positioning

#### OUR SERVICE—YOUR ADVANTAGE

- Responsive, expert consulting
- Everything from NELA—from register bars to fully automatic printing plate processing lines
- Installation drawings and layouts (CAD) according to your requirements
- Modern and reliable pneumatic and electronic components—the worlds leading manufacturers with service centers worldwide are our partners.

Ask for NELA products. We should be pleased to be of service to you.

Note: Our picture shows the basic model. Variations are possible due to user-specific requirements. Constructional details are subject to change without prior notice.



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