

PRECISION *PRIOR* TO
PRINTING



NELA HAO

SEMI-AUTOMATIC PLATE BENDER



For single and double width offset printing plates
Positioning of printing plates with register pins
Bending configuration according to customer's specification

PRECISION *PRIOR* TO
PRINTING



NELA HAO



The all-round bender for newspaper and commercial printing - as primary equipment or as a back-up

Technical Data:

- **Compressed Air supply:**
90 PSI, 3 CFM (6 bar, 20 L/plate)
- **Electrical supply:**
208 VAC, 50/60 Hz, 1 AMPS, Single Phase
- **Dimensions:**
Length: approx. 50" (1265mm)
Width: approx. 44" (1115mm)
Height: approx. 48" (1215mm)
- **Weight:** approx. 885 lbs. (400 kg)

OPERATION

The exposed offset plates are introduced manually into the bending machine where they are positioned according to 3 register pins. Pressing the start button activates the work process of the bender, the following steps are carried out automatically. Register pins position the printing plate in the pre-punched register holes. A vacuum draws the offset plate to the machine table. Hold-down devices additionally secure the printing plate before bending. The bending process is carried out at both plate edges simultaneously using the plate-protecting fold-bending-technique. After bending, the bending unit moves to the middle of the machine to facilitate manual removal of the printing plates.

RELIABILITY

All parts in the NELA HAO 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 bending of **pre-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.

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.



7435 4th Street North • Oakdale, MN • 55128 • USA

Worldwide: 1-651-407-4800

USA/Canada Toll-Free: 1-888-407-4808

FAX: 1-651-407-4801

E-Mail: info@nela-usa.com

Web Site: <http://www.nela-usa.com>