



PRECISION *PRIOR* TO
PRINTING

The NELA MRV-T

Multi-Register Punching Machine and Plate Shear with manual or automatic Video-Control-Positioning



M = multi function
R = register punching
V = video detection of cross marks
T = trimming of printing plates

FUNCTION

Exposed printing plates are put into the NELA MRV-T and are pre-positioned by 3-point alignment. Video cameras detect the exposed cross marks. By means of top image processing and positioning the printing plates are manually or automatically placed into the correct position to ensure precise register between the image and the punching every time. The punched and trimmed plates can easily and quickly be removed from the machine.

TECHNICAL FEATURES

- For offset printing plates made of 0.30/0.40 mm aluminum
- Video controlled register punch-

ing and trimming in one working step

- Register punching and trimming configuration according to plate drawing and customer specification
- Ultra fine lubrication of punching dies and plate shears prior to each working cycle for longer service life and precise, burr-free register holes and edges
- Register-true manual or automatic positioning of offset plates with video cameras by exposed cross marks
- Selector switch:
 - a) video alignment, register punching, trimming
 - b) register punching, trimming
 - c) register punching

- Supporting table with integrated air cushion and vacuum
- Maintenance free plate shears at trailing and/or leading edge
- Use of particular high-quality material for the manufacturing of punching tools and plate shears
- Integration of high-quality electrical and mechanical components

Option: Remote control via modem

TECHNICAL DATA

- Electrical supply: 1N 230V N PE 50Hz 1,8kW
- Compressed air supply: 7-10 bar



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