

DA-41

Compact dual axis
control for conventional
press brake applications

Delem



Compact solutions

With the new DA-41 a compact solution for conventional press brake applications is provided.

The DA-41 control provides a complete solution for conventional press brake applications for 2 axes. Including the axes control for the press beam and backgauge and flexible I/O configuration, the **state of the art electronics** offers a versatile solution.

The axes control supports servo control, two-speed AC control as well as unipolair control. Depending on the application you can select either two-side positioning as well as single side positioning with **spindle fault elimination**.

With its bright LCD display a clear and easy control is offered. The numerical programming, having **angle and tool parameters**, can be done in a direct table overview.

The bend parameters can be selected via a user-friendly cursor manipulation.

DA-41 featuring:

- Bright LCD display
- Beam stop control
- Backgauge control
- Angle programming
- Tool programming
- Retract function
- Up to 100 programs
- Up to 25 bends per program
- Panel based housing
- Servo control / unipolair / AC two-speed control

Technical Specifications DA-41

Product configuration

Standard

- LCD display
- 4,7" monochrome
- High-quality foil cover with integrated membrane switches
- Product memory of up to 100 programs
- Number of program steps 25
- Tool library

Ordering information

- DA-41



Technical specifications

General

- Program number
- Step number 25 max (sequences)
- Millimeters / Inches
- Power-down memorization
- Machine hour counter
- Stroke counter

Axis

- Stroke 0 - 9,999.99 mm
- Retract 0 - 9,999.99 mm
- Correction 0 - 9,999.99 mm
- Retract programmable
- Simultaneous axes movement
- Manual movement of both axes

Housing

- Panel based, vertical housing
- Dimensions 182 x 257 x 44 mm

Programming functions

- User friendly programming
- Numerical program setup
- Angle programming
- Tool programming
- Backgauge position
- Retract function
- Y-opening
- Y-axis correction
- Press speed selection
- Stock counter

Computed functions

- Y-axis depth computation

Integrated functions

- Diagnosis mode

Axis control Inputs / Outputs

- +/- 10V for servo control
- 2-speed control for AC motors
- Unipolar control incl. direction outputs (frequency inverter operation)

Digital Inputs / Outputs

- Flexible I/O configuration
- Inputs / Outputs 24x
- Opto-isolated I/O

Interfaces

- TTL Encoder interface
- Max. encoder frequency 25 kHz
- 5V or 12V single or differential ended
- DNC RS-232C, bi-directional

Miscellaneous

- Operator selectable dialogue languages
- Offline software for backup/restore of parameters and programs

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