

# DA-41

Compact dual axis  
control for conventional  
press brake

# Delem



The image shows the Delem DA-41 control panel, a compact dual-axis control for conventional press brake applications. It features a bright LCD display showing a numerical control interface with a table of parameters. Below the display is a keypad with numeric keys (0-9), a decimal point, a plus/minus sign, and directional arrows (up, down, left, right). There are also function keys for home, stop, and a red emergency stop button.

**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 unipolar 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 / unipolar / AC two-speed control

# Technical Specifications DA-41

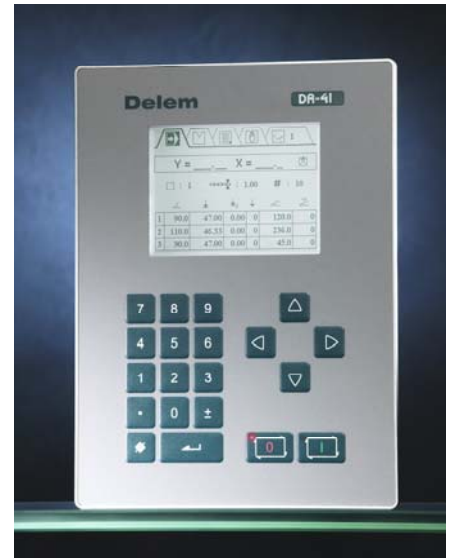
## Product configuration

### 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-41e



## 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 189 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
- Opto-isolated I/O

### Interfaces

- TTL Encoder interface
- Max. encoder frequency 1 MHz
- 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

# Delem

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