The DA-41s control provides a complete solution for conventional press brake applications for 2 axes. Offering a versatile solution for axes control for the press beam and back gauge as well as a flexible I/O configuration, based on the state of the art electronics.

With its bright LCD display a clear and easy control is offered. The numerical programming, having angle, tool and material parameters on hand, can be done in a direct table overview. The bend parameters can be selected via a user-friendly cursor manipulation.

The axes control supports servo control, 2-speed AC control as well as inverter control. Depending on the application you can select either two-side positioning as well as single side positioning with spindle correction.

With its tabular navigation on the bright LCD screen a clear and easy operation is offered. The numerical programming is user-friendly and guides the operator through all programming possibilities.

DA-41s featuring:
- Bright LCD display
- Beam stop control
- Back gauge control
- Angle programming
- Tool programming
- Retract function
- Up to 100 programs
- Up to 25 bends per program
- Panel based housing
- Servo control / inverter / 2-speed AC control
Specifications DA-41s

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-41s, compact press brake control

Technical specification

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.
- 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
- Programmable timer functions:
  - Decompression
  - Retract
  - Dwell time
- Material parameters

Axis control Inputs/Outputs
- +/- 10V for servo control
- 2-speed control for AC motors
- Inverter control (incl. directional outputs)

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

Computed functions
- Y-axis depth computation
- Bending force calculation

Integrated functions
- Diagnosis mode
- Service mode

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