The DAC-310T control provides a user-friendly and compact touch control solution for standard shears. Including back gauge control, cutting angle, gap and stroke length limitation based on state of the art electronics.

Next to back gauge control, the DAC-310T automatically calculates the required setting for the cutting angle or gap depending on material properties and thickness. The stroke length is optimized based on the required cutting length, thus increasing productivity.

The back gauge control supports servo control, 1- or 2-speed AC control as well as inverter control.

Depending on the application you can select either two-side positioning or single side positioning, using optional spindle correction functionality.

With its easy to use touch screen navigation on the bright LCD screen, operation is most user-friendly. The numerical programming with clear icons guides the operator through all programming functionalities.

DAC-310T featuring:
- Panel based housing
- Bright LCD screen
- Back gauge control
- Retract function
- Cutting angle or gap control
- Stroke length limitation
- Manual movement of axes
- Stock count
Specifications DAC-310T

Product configuration

Standard
- Colour LCD display
- 7” widescreen TFT
- LED backlight
- Program memory for 100 programs
- 25 steps per program

Ordering information
- DAC-310T, compact touch shear control

Technical specification

General
- Program library
- Millimetres / inches selection
- Power-down memorisation
- Machine hour counter
- Stroke counter

Axes
- Back gauge control
- Stroke length limitation
- Gap control
- Angle control
- Stroke 0 - 9,999.99 mm
- Retract 0 - 9,999.99 mm
- Correction -99.99 - 99.99 mm
- Retract programmable
- Manual movement of axes

Programming functions
- Numerical program setup
- Back gauge position
- Retract function
- Angle programming
- Gap programming
- Step repetition
- Material types / properties
- Thickness
- Axis speed
- Stock counter

Computed functions
- Angle or gap value
- Stroke length limitation

Integrated functions
- Diagnostic mode
- Service mode
- Backup and updates via USB

Electrical / interfacing
- Power supply: 24V
- Opto-isolated digital I/O
- Encoder inputs (5V/12V)
- Max. encoder frequency 1 MHz
- USB port

Axis control
- +/- 10V for servo control
- 1-or 2-speed control for AC motors
- Frequency inverter control

Housing
- Panel based housing
- Dimensions 186 x 252 x 45 mm

Miscellaneous
- Operator selectable dialogue languages