DAC-310T

Delem

Compact solution

The DAC-300T series provides compact touch shear control solutions for a variety of functionality on modern shears.

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

Digital Inputs / Outputs
- Flexible I/O configuration
- 8 inputs / 8 outputs

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

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Everything under control