The DAC-360T control provides a user-friendly and versatile touch control solution for shears. Upon demand multiple back gauge axes, cutting angle, stroke length and gap can be controlled, based on state of the art electronics.

Next to back gauge control, the DAC-360T automatically calculates the required setting for the cutting angle and 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, 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. The DAC-362T supports dual and triple gauge axes control, offering control for extra gauges and related functionality.

Full force control for clamping and cutting is available in the DAC-360T.

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-360T featuring:
- Panel based housing
- Bright LCD screen
- Back / front gauge control
- Retract function
- Cutting angle and gap control
- Stroke length limitation
- Manual movement of all axes
- Force control
- Sheet thickness measurement
- Return to Sender function
- Second and third servo axis (DAC-362T)
- Sheet support
## Product configuration

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

### Optional
- Offline software, Profile-360T

## Ordering information

- DAC-360T, compact touch shear control
- DAC-362T, multi axes compact touch shear control

## Technical specification

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

### Axes
- Back/front gauge control
- Stroke control
- Gap control (dual gap)
- Angle control
- Dual / triple gauge control (DAC-362T)
- Stroke 0 - 9,999.99 mm
- Retract 0 - 9,999.99 mm
- Correction -99.99 - 99.99 mm
- Retract programmable
- Simultaneous axes movement
- Manual movement of axes

### Digital Inputs / Outputs
- Flexible I/O configuration
- 12 inputs / 20 outputs

### Programming functions
- Numerical program setup
- Back gauge position
- Retract function
- Angle programming
- Gap programming
- Stroke length
- Step repetition
- Material types / properties
- Thickness
- Stock counter
- Sheet position
- Axis speed
- Sheet support
- Return to Sender function
- Sheet thickness measurement
- Back gauge park position

### Computed functions
- Angle, gap and stroke length computation
- Force (clamping / cutting)
- Backgauge safety zone

### Force control
- Clamping force
- Cutting force

### 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
- Optional offline software

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