DA-66W

DAonWindows - range
2D graphical controller
for hydraulic press brakes

Delem

Embedded reliability

All DAonWindows controllers feature an embedded, real-time Windows operating system for maximum reliability. Smooth start-ups ensured, even after instant shut off.

This new, user-friendly system, with its self-learning databases and graphical programming facilities that include **automatic bend sequence calculation and collision detection**, makes controlling press brakes easier and more versatile then ever.

Housed in a tough and sturdy cabinet, the DAonWindows control continues to use Delem's familiar and **intuitive user interface**, which is displayed on the standard color LCD (TFT) screen.

Windows® networking allows easy integration with your production network so that the controller can be accessed from anywhere in the network and product data can be stored at the desired network locations.

Analysis Tool and Remote Diagnostics functions let you analyze machine behavior and vital parameters at any time.

Delem's **Modusys** concept and its built-in Sequencer (PLC) allows you to add functionality, providing maximum scalability and adaptivity.

DA-66W featuring:

- 2D Graphical Programming
- 12" TFT color display
- Full Windows suite (Internet / Email / PDF viewer)
- Integrated OEM-panel
- Large memory base
- USB keyboard & mouse interface
- User specific application support within the controllers' multitasking environment
- Sensor bending & correction interface

Technical Specifications DA-66W

Product configuration

Standard

- Color LCD display
- 12” TFT, high brightness
- 800 x 600 pixels, 16 bit
- 300 MHz microprocessor
- Memory capacity 64 MB
- Product and tools memory 4 MB
- Standard Windows® networking
- Integrated OEM-panel
- Emergency button
- USB flash memory drive

Options

- Integrated pointing device
- Floppy disk drive (3.5” HD)

Field options

- Part support control
- X1-X2 angle programming
- 3D Visualisation
- 2nd HSB Modusys bus
- Barcode reader interface
- Sensor bending & correction interface

OEM-panel integration example

Ordering information

- DA-66W

Technical specifications

General

- Real-time Windows® OS
- Stable, multitasking environment
- Embedded pre-configured

- Structured program storage
- Instant Shut Off
- Delem Modusys compatible
- User specific applications support
- External connection of USB keyboard, mouse

- Program number, 7 digits
- Drawing number, 20 digits alpha-numeric
- Program repeat max. 9,999
- Step number, 99 max. (sequences)
- Step repeat, 99 max.
- Millimeters / inches

- Error messaging system
- Sequencer functionality (PLC)
- Machine time + stroke counter
- Tandem operation

Programming functions

- 2D programming and visualization
- Easy graphical bend sequence swap and move
- One page programming table + sequence swap
- Graphical product and tool selection
- Front part support visualization
- Programmable axis speed reduction
- Free material programming
- Free programmable tools

Computed functions

- Tooling safety zones
- Press force
- Bend allowance
- Crowning adjustment
- Developed length
- Bottoming force
- Auto bumping calculation
- “Lay-on” support backgauge
- Learned bend allowance table
- Angle correction database

Interfaces

- Modem support
- HSB Modusys bus, up to 8 modules
- DNC-RS 232C, bi-directional
- 2nd serial interface (RS232)
- Network interface (100 Mb / 10 Mb)
- USB (2x)

Miscellaneous

- Diagnostic program
- Operator selectable dialogue languages
- Help texts, via Online help functions
- Handwheel movement of all axes
- “Teach-in” on Y and auxiliary axes
- Delem Panelline housing

Enhanced functions

- Word processor (WordPad)
- Email client (POP3)
- Internet Explorer (web browser)
- Remote Terminal Client (VBend®)
- Remote diagnosis
- Analysis Tool
- PDF viewer
- On screen keyboard

Delem

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