DA-65R

DAonWindows - range 2D-graphical controller for retrofitting 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.

The Delem **retrofit solution** is based on the current DAonWindows system. This 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 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.

DA-65R featuring:

- 2D Graphical Programming
- 12" TFT color display
- Full Windows suite
- Integrated OEM-panel
- USB keyboard & mouse interface
- Pin compatible with earlier DA-controls
- Retrofit solution based on current components
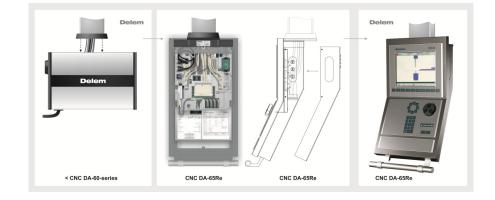
Specifications DA-65R

Product configuration

Standard

- Colour LCD display
- 12" TFT, high brightness
- 800 x 600 pixels, 16 bit
- 600 MHz microprocessor
- Memory capacity 128 MB
- Product and tools memory 64MB
- Standard Windows®-networking
- Integrated OEM-panel
- USB flash memory drive

Ordering information

- DA-65Re
- DI-101 add-on modules

Field options

- Part support control
- X1-X2 angle programming
- Barcode reader interface

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Technical specification

General

- Real-time embedded Windows® OS
- Stable, multitasking environment
- Instant Shut Off
- Delem Modusys compatible
- External connection of USB keyboard, mouse
- Structured program storage
- 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
- kN / Ton selection
- Machine time + stroke counter
- Sequencer functionality (PLC)
- 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
- DNC-RS 232C, bi-directional
- HSB Modusys bus, up to 6 add-ons
- Network interface (100 Mb / 10Mb)
- USB (2x) for external devices

Miscellaneous

- Diagnostic program
- Operator selectable dialogue languages
- Help texts, via Online help functions
- Error messaging system
- Handwheel movement of all axes
- "Teach-in" on Y and auxiliary axes

Enhanced functions

- Word processor (WordPad)
- Email client (POP3)
- Internet Explorer (web browser)
- Remote diagnosis
- Analysis Tool
- PDF Viewer
- On screen keyboard

Everything under control