

DA-63W

DAonWindows - range
Numerical controllers for
hydraulic press brakes

Delem



Embedded reliability

All DAonWindows controls 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 programming facilities that include **automatic bend sequence calculation and collision detection**, makes controlling press brakes easier and more versatile than 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 build in Sequencer (PLC) allows you to add functionality, providing maximum scalability and adaptivity.

DA-63W featuring:

- Numerical programming
- 10.4" TFT color display
- Standard Windows suite
- Up to 11 axis
- USB keyboard & mouse interface
- User specific application support within the controllers' multi tasking environment.
- Sensor bending & correction interface

Technical Specifications DA-63W

Product configuration

Standard

- Color LCD display
- 10.4" TFT, high brightness
- 640 x 480 pixels, 256 color
- 200 MHz microprocessor
- Memory capacity 32 Mb
- Product and tools memory 2Mb

Ordering information

- DA-63W-N
- DA-63W-E Emergency button
- OEM-Box
 - OEM-Box-S Standard version
 - OEM-Box-P Panel version

Options

- Emergency button
- OEM-box (standard or panel version)

Field options

- Part support control
- X1-X2 angle programming



OEM-Box standard version

Technical specifications

General

- Real Time Windows® OS
- Stable, multi-tasking 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

- Numerical programming
- One page programming table + sequence swap
- Programmable axis speed reduction
- Free material programming

Computed functions

- Tooling safety zones
- Press force in kN
- Bend allowance
- Crowning adjustment
- Bottoming force
- "Lay-on" support backgauge
- Learned bend allowance table
- Angle correction database

Interfaces

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

Miscellaneous

- Diagnostic program
- Operator selectable dialogue languages
- Help texts, via Online help functions
- Hand wheel movement of all axes
- "Teach-in" on Y and X axis
- Delem Slimline housing

Enhanced functions

- Word processor (WordPad)
- Remote diagnosis
- Analysis Tool
- On screen keyboard

Delem

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Everything under control

DA-65W

DAonWindows - range
2D-graphical controllers
for hydraulic press brakes

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

DA-65W featuring:

- 2D Graphical Programming
- 10.4" TFT color display
- Standard Windows suite
- USB keyboard & mouse interface
- User specific application support within the controllers' multi tasking environment.
- Sensor bending & correction interface

Technical Specifications DA-65W

Product configuration

Standard

- Color LCD display
- 10.4" TFT, high brightness
- 640 x 480 pixels, 16 bit
- 200 MHz microprocessor
- Memory capacity 32 Mb
- Product and tools memory 2Mb

Ordering information

- DA-65W-N
- DA-65W-E Emergency stop button
- OEM-Box
 - OEM-Box-S Standard version
 - OEM-Box-P Panel version

Options

- Emergency stop button
- OEM-box (standard or panel version)

Field options

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



OEM-Box panel version

Technical specifications

General

- Real Time Windows® OS
- Stable, multi-tasking 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

Computed functions

- Tooling safety zones
- Press force in kN
- 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 8 modules
- 2nd serial interface (RS232)
- Network interface (100 Mb / 10Mb)
- USB (2x)

Miscellaneous

- Diagnostic program
- Operator selectable dialogue languages
- Help texts, via Online help functions
- Hand wheel movement of all axes
- "Teach-in" on Y and X axis
- Delem Slimline housing

Enhanced functions

- Word processor (WordPad)
- Remote diagnosis
- Analysis Tool
- On screen keyboard

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

Delem's **Modusys** concept and its build 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' multi tasking environment.
- Sensor bending & correction interface

* available from 2004

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 32 Mb
- Product and tools memory 4Mb
- Standard Windows® networking
- Integrated OEM-panel

Ordering information

- DA-66W NN Standard
- DA-66W NE Emergency stop button
- DA-66W FN Floppy drive
- DA-66W FE Floppy & Emergency stop button

* available from 2004

Options

- Emergency stop button
- Integrated pointing device
- Floppy disk drive (3.5" HD)
- Memory expansion (up to 128 Mb)

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

Technical specifications

General

- Real Time Windows® OS
- Stable, multi-tasking 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

Computed functions

- Tooling safety zones
- Press force in kN
- 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 / 10Mb)
- USB (2x)

Miscellaneous

- Diagnostic program
- Operator selectable dialogue languages
- Help texts, via Online help functions
- Hand wheel movement of all axes
- "Teach-in" on Y and X axis
- 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

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

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

DA-69W featuring:

- 3D Graphical Programming
- 12" TFT color display*
- Full Windows suite (Internet / E-mail / PDF viewer)
- Touch pad pointing device
- Integrated OEM-panel
- Large memory base
- Standard 3.5" floppy drive
- USB keyboard & mouse interface
- User specific application support within the controllers' multi tasking environment.
- Sensor bending & correction interface

* available from 2004

Technical Specifications DA-69W

Product configuration

Standard

- Color LCD display
- 12" TFT, high brightness*
- 800 x 600 pixels, 16 bit*
- 300 MHz microprocessor
- Memory capacity 32 Mb
- Product and tools memory 8Mb
- Standard Windows® networking
- 2nd HSB Modusys bus
- Integrated pointing device
- Floppy disk drive (3.5" HD)
- Emergency stop button
- Stainless steel grip
- Integrated OEM-panel

Ordering information

- DA-69W

* available from 2004

Options

- Memory expansion (up to 128 Mb)

Field options

- Part support control
- X1-X2 angle programming
incl. 3D finger view
- Barcode reader interface
- Sensor bending & correction
interface



Panelline concept

Technical specifications

General

- Real Time Windows® OS
- Stable, multi-tasking 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/3D 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

Computed functions

- Tooling safety zones
- Press force in kN
- Bend allowance
- Crowning adjustment
- Developed length
- Bottoming force
- Auto bumping calculation
- "Lay-on" support backgauge
- Learned bend allowance table
- Angle correction database
- Multiple tool station set-ups

Interfaces

- Modem support
- HSB Modusys bus up to 16 modules
- DNC-RS 232C, bi-directional
- 2nd serial interface (RS232)
- Network interface (100 Mb / 10Mb)
- USB (2x)

Miscellaneous

- Diagnostic program
- Operator selectable dialogue
languages
- Help texts, via Online help functions
- Hand wheel movement of all axes
- "Teach-in" on Y and X axis
- 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

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