

# Profile-W

DA - Offline 2D / 3D  
software solution

# Delem



The **DA-Offline** software maximises machine efficiency and production output of press brakes. Profile-W facilitates offline programming and simulation.

The latest offline software Profile-on-Windows offers an even more advanced programming screen. The graphical product programming shows a **real-scale representation** of the intended product. This realistic product information gives feedback to the programmer on feasibility and required tools and tool adapters. Even **special product operations** like hemming are supported in both the graphical product programming screen and the bend sequence computation screen.

Product programming, make-ability checks, tool checks, operator training, production notes and many other activities can be carried out offline.

The Profile-on-Windows package offers the same familiar interface as the control. After programming, a product can easily be transferred to machine for production.

#### **Profile-W featuring:**

- Full-scale offline programming
- Graphical product programming and program generation
- Feasibility studies and production preparation
- Full 3D automatic bend sequence calculation
- Collision detection
- Product sharing over Windows networking with press brake CNC
- Machine set-up preparation including print-out functionality
- Production time calculation

# Specifications Profile-on-Windows

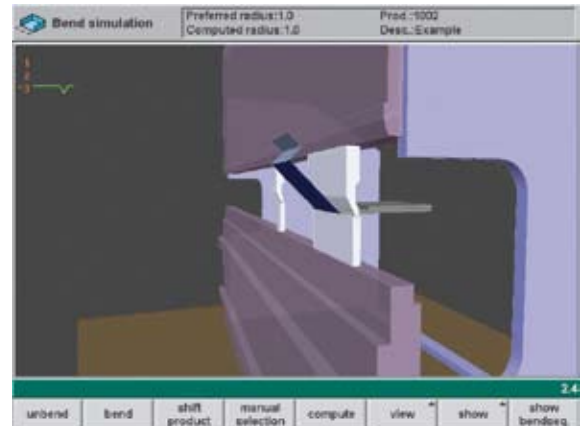
## Product configuration

### Standard

- 2D or 3D version
- 3D machine representation
- X1-X2 angle programming
- 3D finger view standard available
- DAonWindows familiar user interface

### Ordering information

- Profile-W2D,  
2D offline programming software
- Profile-W3D,  
3D offline programming software



3D Bend Simulation

## Technical specifications

### Programming functions

- Alphanumeric product naming, up to 25 characters
- 2D / 3D real-scale product programming and visualisation
- Automatic bend sequence calculation in 2D and 3D
- Easy graphical bend sequence swap and move
- Front part support visualisation
- One page programming table
- Graphical product and tool selection
- Programmable axis speed
- Free material programming
- Program repeat max. 9,999
- Number of steps up to 99
- Step repeat, 99 max.
- Product & tool search filter
- Millimetres / inches
- kN / Ton selection

### Tooling

- Graphical tool configuration
- Multiple tool station set-ups
- Tool segmentation visualisation
- Alphanumeric tool identification, up to 25 characters
- Free graphical tool programming
- Tool adapter support

### Computed functions

- Tooling safety zones
- Press force
- Bend allowance
- Crowning adjustment
- Developed length
- Bottoming force
- Hemming force
- Auto bumping calculation
- Radius programming

### Graphical print functions

- Print-out of CNC program incl.:
  - Product data
  - Bend sequence
  - Tool set-up

### Miscellaneous

- Multiple onboard dialogue languages
- Help texts, via Online Help functions
- User definable colour setting
- VBend demo program included

### System requirements

- IBM compatible PC
- Windows 2000 / XP
- Min. 40MB free disk space
- CD-ROM player
- Parallel or USB port

# Delem

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