AHB
TOOLING & MACHINERY

COMPLETE METALWORKING SOLUTIONS

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DA - Offline 2D / 3D software solution

Profile-T

Delem

Integrated solutions

The DA-Offline range offers integrated solutions for offline preparation, optimizing machine efficiency.

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

Production preparation, makeability and tooling verification, operator training, adding notes for production and many other functions can be carried out offline.

The **Profile-T** software offers advanced **programming in 2D/3D** in line with the DA-Touch controller software. The steps from the start of programming to the desired program including its transfer to the control are clearly embedded in the user interface.

Programming the product graphically shows a **true scale representation** of the intended product. Realistic product visualisation gives feedback on feasibility, collisions, required tools and tool adapters for production.

Special operations like **hemming bends** and **bumping** are supported graphically, enabling a complete preview of the bending process.

Profile-T features:

- Full scale offline programming
- Graphical product programming and bend sequence generation
- Feasibility studies and production preparation
- 2D/3D automatic bend sequence calculation
- Collision detection
- Product sharing over Windows networking with press brake CNC
- Machine setup preparation including print functionality
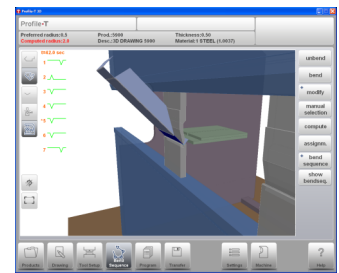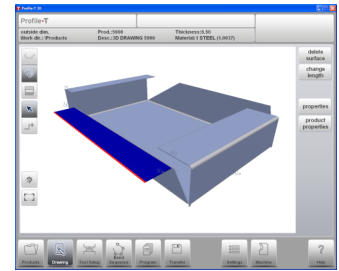- Production time calculation

Specifications Profile-T

Product configuration

Standard

- 2D or 3D programming version
- 3D machine representation
- X1-X2 angle programming
- 3D finger view
- DA-Touch familiar user interface
- DXF import function (Profile-T3D only)

Ordering information

- Profile-T2D
   2D offline programming software
- Profile-T3D
   3D offline programming software

Technical specification

Programming functions

- Alphanumeric product naming
- 2D/3D real-scale product programming and visualisation
- Automatic bend sequence calculation in 2D and 3D
- Easy swap and move of bends in graphical bend sequence
- Hemming bend programming
- Graphical product and tool selection
- Programmable material properties
- Bend allowance table
- Programmable axis speed
- Program repeat up to 9,999
- Number of steps up to 99
- Step repeat, up to 99.
- Search filter for products and tools
- Millimetres/Inches, kN/Ton selection
- Product notes in text as well as .PDF

Tooling

- Graphical tool configuration
- Multiple tool station setups
- Tool segmentation calculation and visualisation
- Alphanumeric tool identification
- Tool advisor
- Graphical tool programming
- Tool adapter support
- Hemming tools
- Radius tools
- Tool adapter support

Computed functions

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

Graphical print functions

- Print of CNC program incl.:
   ○ Product data
   ○ Bend sequence
   ○ Tool setup

Miscellaneous

- User selectable dialogue languages
- Multiple machine support
- Integrated help functions

System requirements

- Windows XP / Windows 7
- USB port
- CD-ROM player