

# Profile-T

DA - Offline 2D / 3D  
software solution

## 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

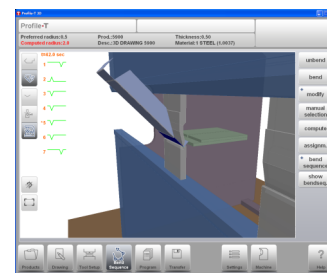
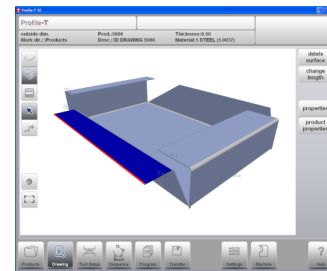
## Product configuration

### 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.:
  - o Product data
  - o Bend sequence
  - o Tool setup

### Miscellaneous

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

### System requirements

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