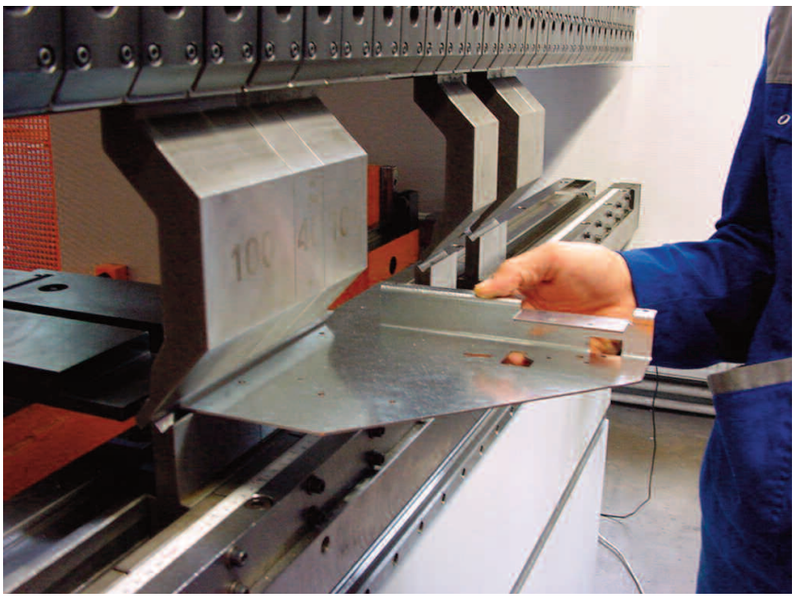
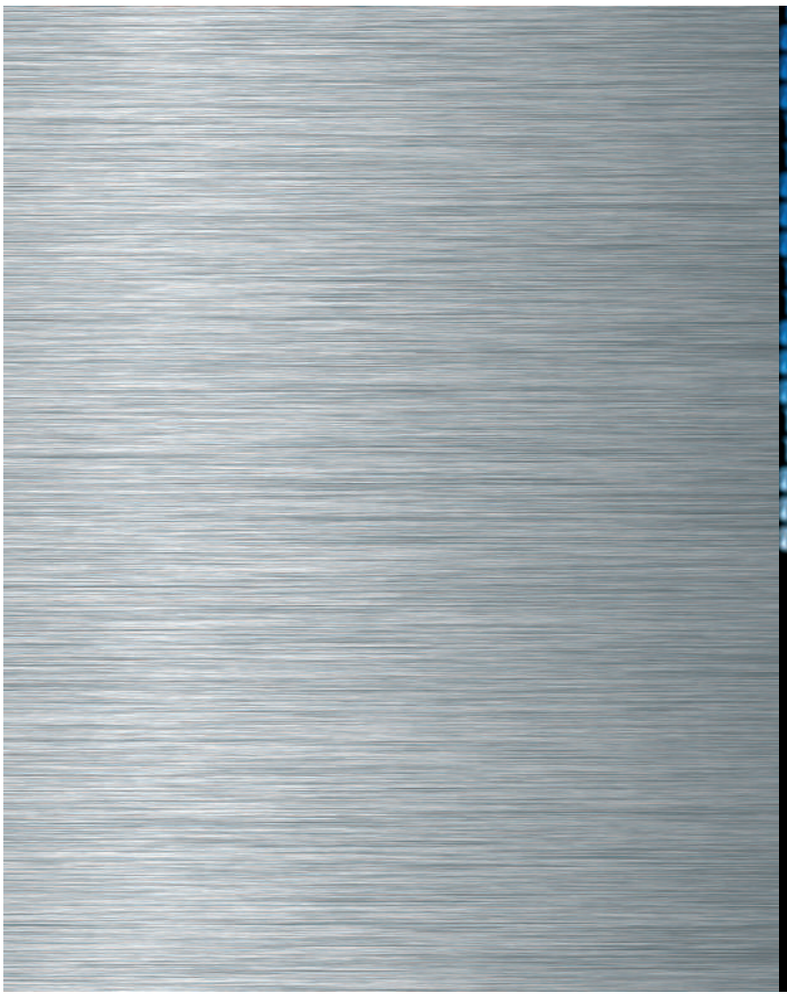
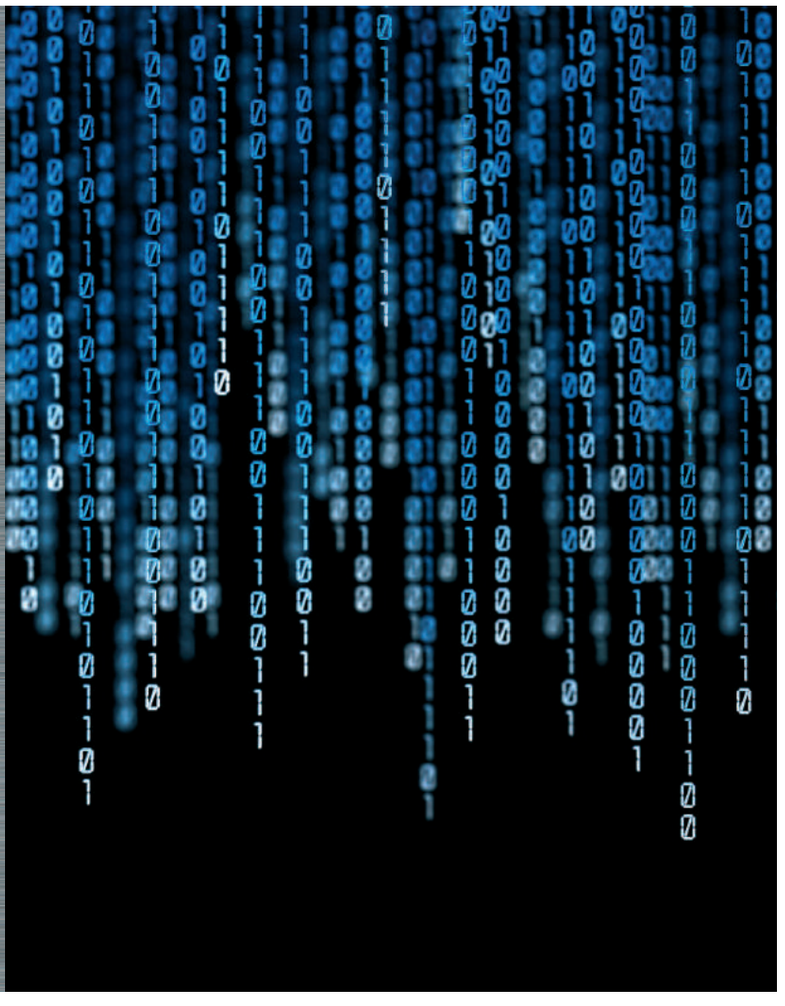


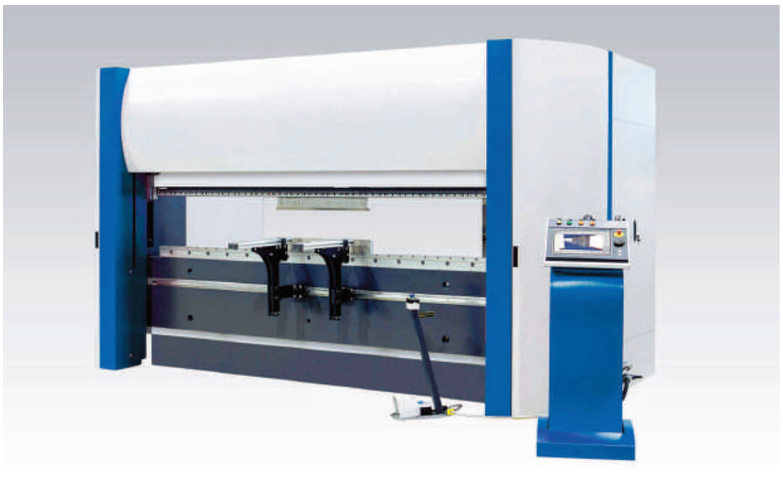
WiCAM®

PNBend





WiCAM® – The leading provider in technology of CAD / CAM software for the sheet metal industry



WiCAM® PNBend

Bending is an art

PNBend – Bending

Bending is an art, you know that well enough. How many difficulties arise with new parts? The geometry is present and complicated. The part could be lasered or punched quickly, but which tools and matrix do you use to bend it and in which order? From that moment on, it costs your money. The downtime of the machine is a very costly matter and the part which is bended first is not usable most of the time.

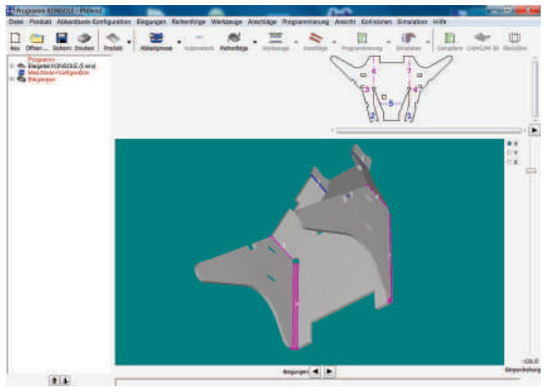
The software PNBend is utilized for the external programming of press brakes from different manufacturers. It provides you exactly with the support you need. A bending program which runs process reliable on the machine can be created offline, fast and uncomplicated.

The processing in PNBend can be used immediately for simulation and generation of NC codes. The program automatically uses the material information and bending process information including the bending factors and production radii.

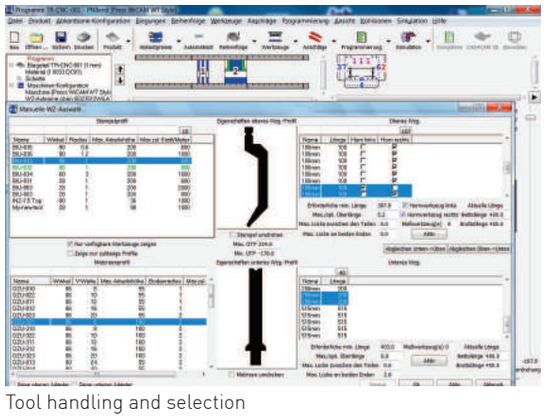
The tool selection takes place automatically under consideration of various selection criteria as well as the back gauge programming. A library of standard and special tools is included.

The best possible bending sequence will be calculated automatically. The user is notified if there are problems during the tool control. Ultimate process reliability is assured by the use of realistic 3D simulations and collision detection.

With the final step a NC program and a setup plan with tool assignment will be given out.



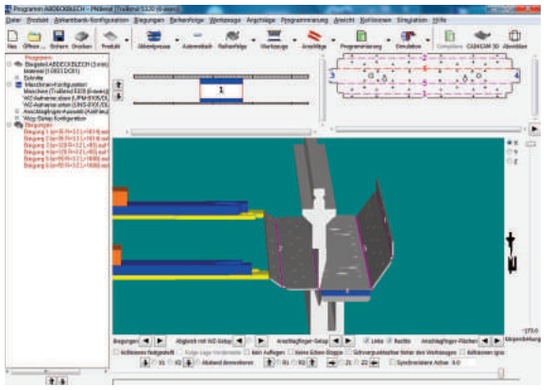
Import 3D part and bending recognition



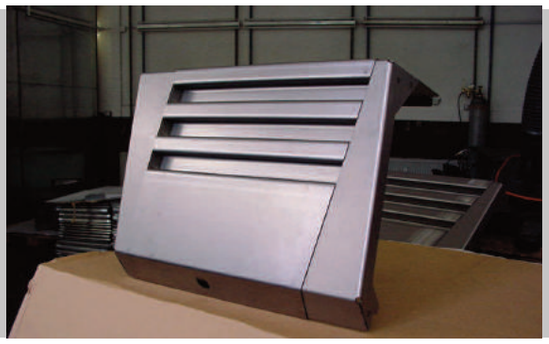
Tool handling and selection

It is apparent already during the construction whether the parts are manufacturable. Special tools can be created and visualized in the simulation. Process data for the bending is imported into PNBend.

The positioning of the individual tool stations is important as well. Have an automatic suggestion generated or determine the length and wide by yourself. Tools and matrices are modifiable individually. The installation position is recorded.



Automatic finger stop positioning

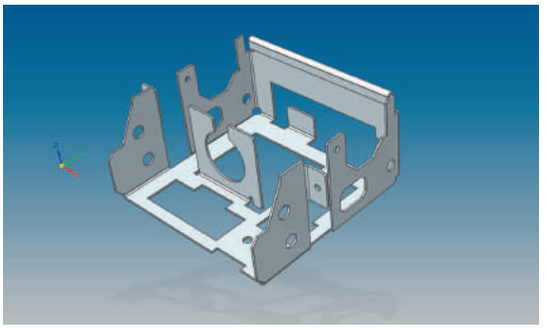


WiCAM® PNBend

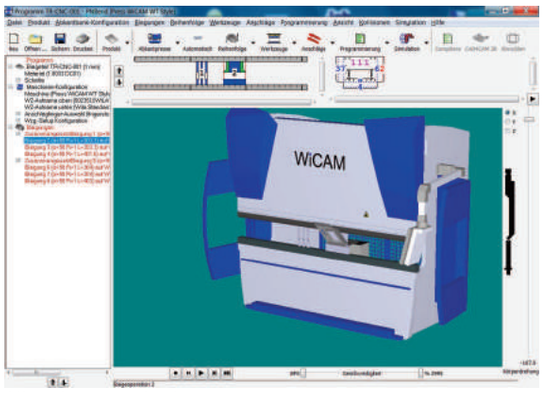
Bending is an art

3D CAD Interfaces

- Autodesk Inventor
- Catia V4
- Catia V5
- Creo
- NX
- ProE
- SolidEdge
- Solidworks ...



Intelligent 3D file transfer



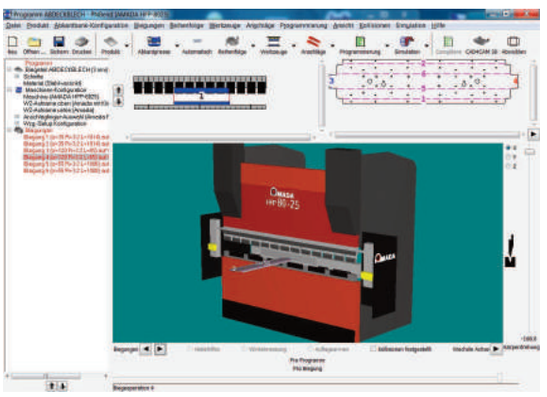
All major press brakes

Machines

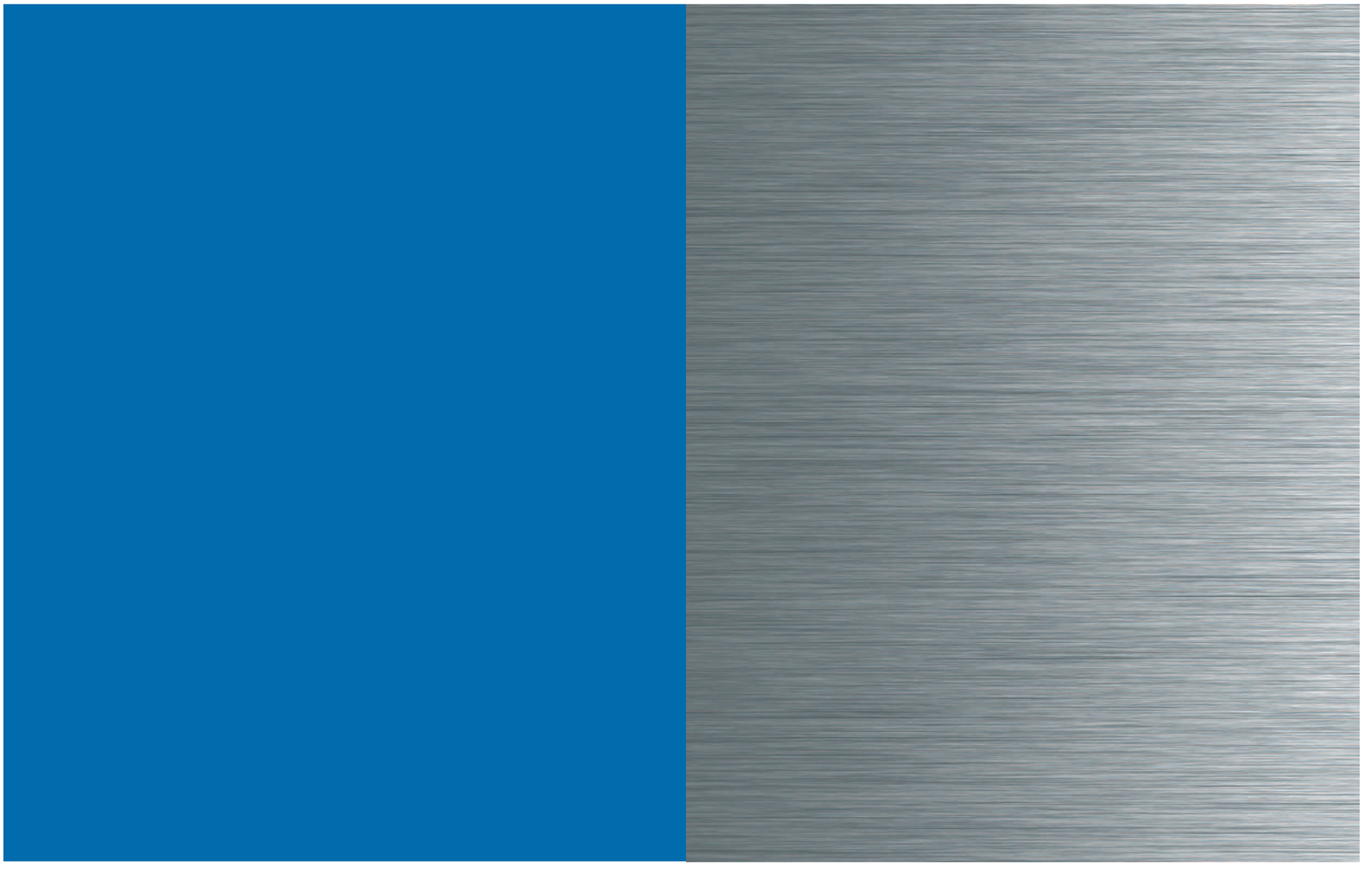
Accurpress, Adira, Aizawa, Amada, Baykal, Beyerle, Bystronic, Butech, CBC, Cincinnati, CoastOne, Colly, Darley , Dreis & Klump, Deratech, Durma, Edwards Pearson, EHT, Ermak, Farina, Finn-Power, Gasparini, Hämmerle, Hindustan Hydraulics, Hurco, Jean Perrot, LVD, Mecos, Newton, Placke, Pullmax, Rico, Safan, Salvagnini, SMD, Toyokoki, Trumpf, Ursviken, Vimercati, Warcom, Weinbrenner, Yawei ...

Numerical controls

Ab-pad, AMNC-PC, AutoBend, Byvision, Bystronic_p21_V7.0.0-V7.6.0.2, CadmanLite v2, CadManTouch v2, CadmanTS, Cadman CNC, CD2000, Cincinnati V4.8, Coast One Omron, Cybelec DNC800, Cybelec DNC900, Cybelec DNC1200, Cybelec ModEva, Delem DA58, Delem Da66w, Delem DA69, Delem Da66, Esa ESA 550, ESA 540, ESA 200x, ETS3000, Kvara 200, Infinitron, Keba, Kemro K2, MNC95, NC9-F, NC9-FS, Operateur, Ope-2, PC8000, Safan TS1, TS2 TS3, Stierli CNC_300, Talento, TASC 6000, Toyokoki CN2, Vision ...



All major numerical control



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