MetaWorks *SW*

SOLIDWORKS©
SHEETMETAL CAM SOLUTION

3DS SOLIDWORKS

Solution Partner

Metamation

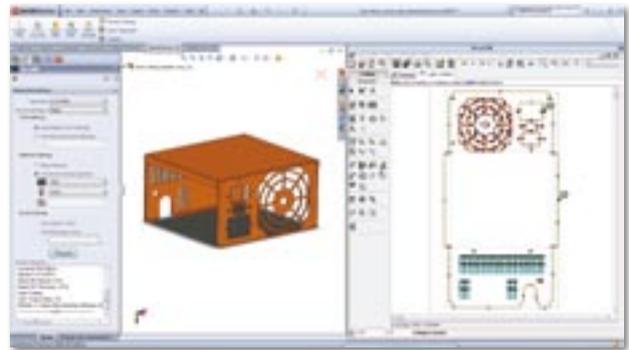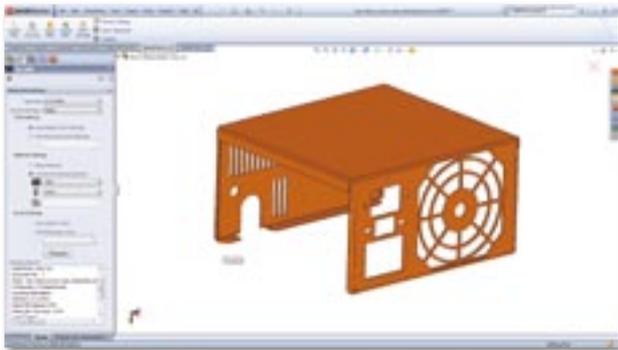Leading the Industry in Innovative CAD/CAM Software

MetaWorks SW

MetaWorks-SW is a highly advanced integrated sheet metal programming solution that ties the core engine of MetaCAM seamlessly into the SolidWorks design environment. The integrated application will process/translate SolidWorks models into sheet metal parts with the defined tooling technology right from your SolidWorks window. MetaWorks-SW can easily convert models (SLDPRT) or entire assemblies (SLDASM) files into programmed parts and nested sheets. The software is designed for the SolidWorks power user who can benefit from the interface.
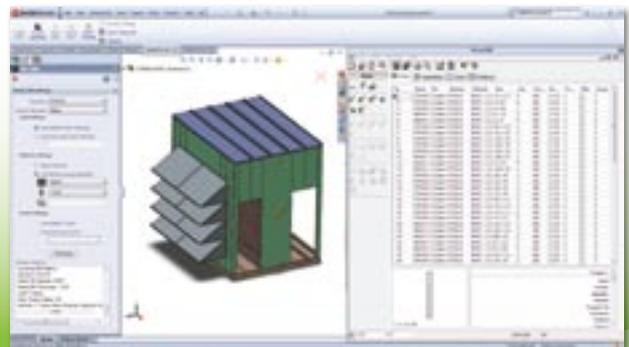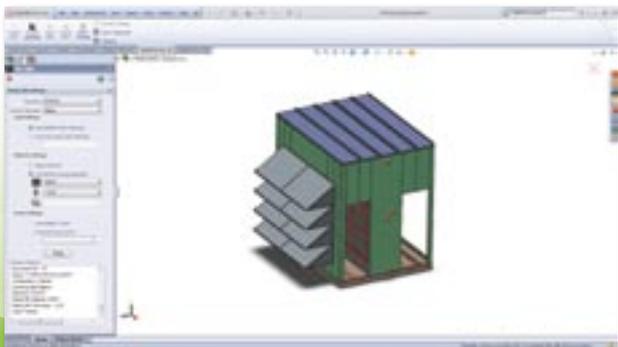
INTEGRATED AND USER FRIENDLY INTERFACE

Single Integerated Design Environment allows the designer to program parts right from SolidWorks without leaving SolidWorks or having to export data to intermediate files such as DXF.
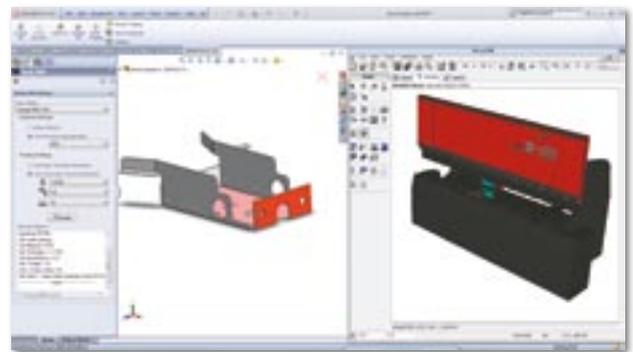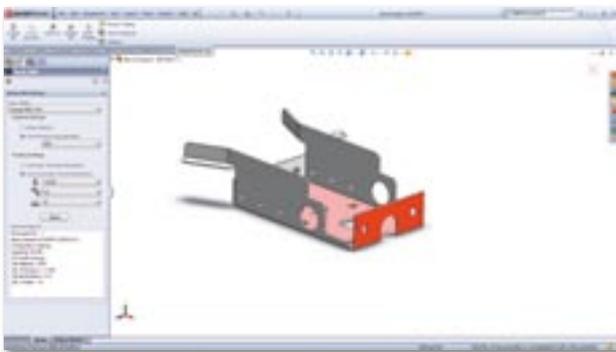

PROCESSING ASSEMBLIES

MetaWorks drills down SolidWorks assemblies and subassemblies extract the relevant sheetmetal information. Program Parts and load into a nesting job for batch process. The time saved in processing large assemblies with a single click versus manually programming each part itself justifies using MetaWorks-SW. Further, all part information is auto-matically inherited from the SolidWorks file and eliminates any chances of human error.
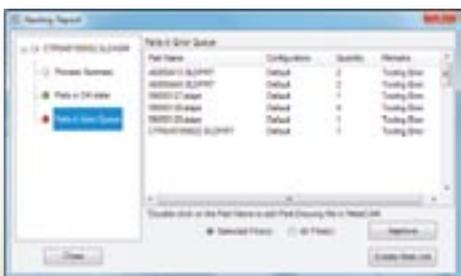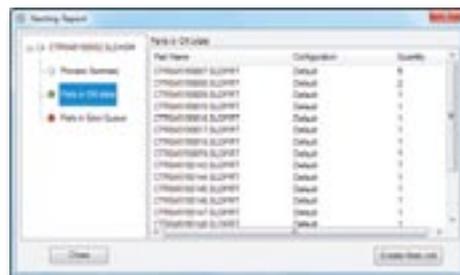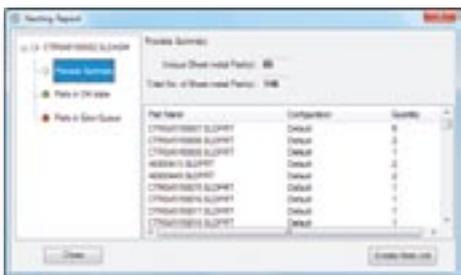
- Integrated sheet metal programming solution for SolidWorks

- Automatically create programmed sheet metal parts from SolidWorks Model

- Integrity of Data maintained by reading material and thickness from SolidWorks Model

- Easily update model revisions and reprogram parts

- MetaCAM runs in a single integrated UI inside SolidWorks

- Batch Process assemblies and Sub assemblies into MetaCAM nested jobs

Metaworks quick review bar gives a summary snapshot of the imported assembly or group of parts. Users can easily check the status of the imported parts and manually fix any problems. Parts can easily moved from errored to fixed state and made ready for nesting.
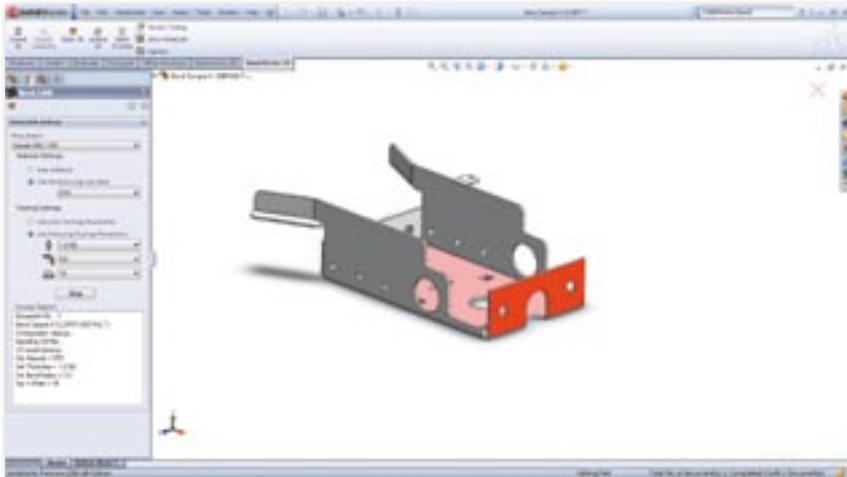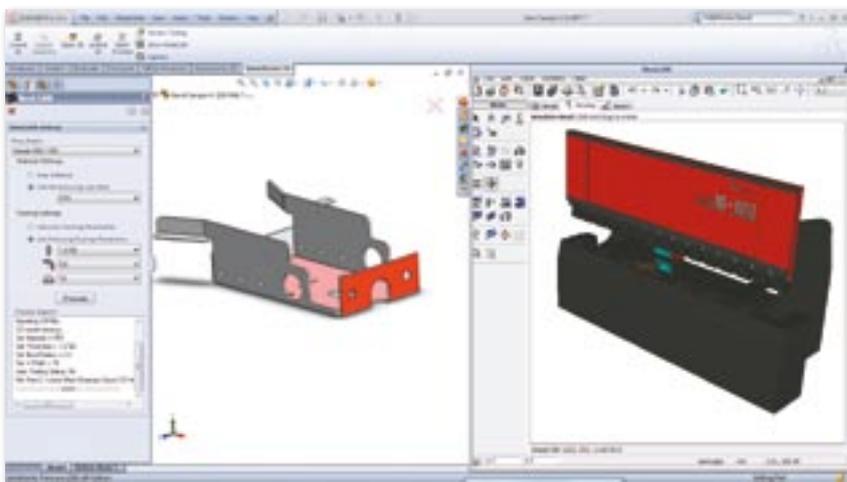
SOLID MODEL IMPORTER

Import, cleanup and tool your models for the target press brake with just a few clicks.

SIMULATION

Simulate bends within MetaCAM before actually bending the part on the press brake.

Metamation

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