ShoeMaker

3D Concept Design & Visualisation

ShoeMaker provides sophisticated yet intuitive design tools so you can produce realistic 3D digital models. This allows you to approve designs in less time and reduces the need for expensive physical prototypes.

Your digital model contains all the data you need for manufacture such as margins and markers. Open your model in Engineer, our 2D pattern engineering solution, and you can automatically flatten your design to further reduce development time.

With ShoeMaker's built-in rendering software, you can use your laptop, tablet or smartphone to show realistic renders of your designs to prospective buyers. This reduces the need for physical samples so you reduce costs and get to market faster.

To learn more about how ShoeMaker can help get your designs to market sooner, visit **www.delcam-crispin.com/shoemaker**

ADD STITCHES WITH PRECISION
Sketch decorative stitches anywhere or add to a part edge automatically

ADD ACCESSORIES EFFORTLESSLY
Import in a range of formats and position dynamically

CREATE PANELS QUICKLY
Create with a single click and change thickness dynamically

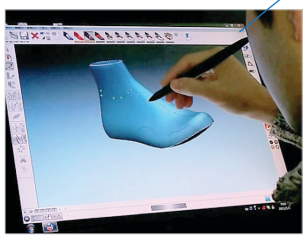
REDUCE PROTOTYPE TIME AND COSTS
Export to a 3D printer to produce rapid prototypes

INSERT PUNCHES QUICKLY
Add punches individually or apply them to a line

ADD LACES IN SECONDS
Simply select eyelets and choose pattern to lace automatically

ADD COLOURS AND TEXTURES EASILY
Choose from the extensive library or scan your own

DESIGN THE WAY YOU WANT
Use a digitiser, touch screen or mouse



DID YOU KNOW?

ShoeMaker can convert 2D vectors into editable 3D style lines automatically

BUSINESS BENEFITS

- **SELECT NEW DESIGNS QUICKLY**
  Replace 2D sketches with realistic 3D digital models to make design reviews more efficient
- **REDUCE PATTERN DEVELOPMENT TIME**
  Automatically generate an accurate 2D pattern from your 3D design to reduce time to manufacture
- **MINIMISE PHYSICAL SAMPLE COSTS**
  Use built-in rendering software to present digital models to prospective buyers
- **CREATE MORE CHOICE FOR BUYERS**
  Experiment with material variations so you can present buyers with more choice
- **USE WITH MOST CAD SYSTEMS**
  ShoeMaker uses Parasolid™, the world's most widely used 3D kernel

Delcam plc, Delcam CRISPIN
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TECHNICAL INFORMATION AND HARDWARE REQUIREMENTS

Save as the following formats

Exension	Description
.shoe	Full all inclusive archive based on the Microsoft compound file format

Recommended hardware Specification

Processor:	Multi-core CPU (preferably quad-core) with SSE2 support
RAM:	8GB for 64-bt applications
Graphics:	NVIDIA Quadro Graphics Cards (OpenGL2.0 compliant or higher)
Screen:	1920 x 1200
Operating System:	Windows 7 64-bit Professional Edition

Export as the following formats

Exension	Description
.sat	ACIS SAT 3D model
.dxf	AutoCAD 2D data
.dwg	AutoCAD 2D drawing
.plt	AutoCAD plotter
.CATPart	CATIA V5 part
.trode	Delcam Electrode archive
.ddx & .dgk	Delcam geometry
.dgk	Delcam graphics kernel
.emodel	Delcam PowerSHAPE
.psmodelVer23	Delcam PowerSHAPE
.ige	Initial graphics exchange
.iges / .igs	Initial graphics exchange specification
.odf	Open document format
.xmt_txt	Parasolid CAD file
.x_b	Parasolid model part file
.x_t	Parasolid model part file

Exension	Description
.pov	POV-Ray Raytracing
.pslast	PowerSHAPE last
.psstyle	PowerSHAPE style lines
.3dm	Rhino 4
.3dm	Rhino 5
.eshoe	ShoeMaker-e
.step	STEP 3D model
.stp	STEP 3D model
.stl	Stereolithography
.vda	Targa bitmap image
.u3d	Universal 3D
.wrl	VRML world 3D image
.obj	Wavefront 3D object
.ddz	
.c4x	

Import in all exportable formats (excluding .ddx+dgk, .odf, .plt, .wrl, .pov and .emodel) plus:

Exension	Description
.ccd0, .ccd1 & .ccd2	3M Lava
.dcm	3Shape
.ai	Adobe Illustrator
.pdf	Portable Document Format
.adt & .e01	Armfit
.raw	AOMS
.a3d, .m3d & .cdw	ASCON
._pd	CADDS 4 and 4-5
.fic	CATIA
.model	CATIA
.CATProduct	CATIA V5 assembly
.catpart	CATIA V5 part
.zip	Cimatron
.mod, .csv, .xyz, .pim & .prd	Cloud
.ccs	CopyCAD session
.prt & .asm	Creo
.sme	Cynovad
.spi	Cynovad
.too	Cynovad

Exension	Description
.las	Delcam CRISPIN
.lst	Delcam CRISPIN Last
.v3e	Delcam CRISPIN Last
.dmt	Delcam machining triangles
.elt	Elite
.tri	FaceGen polygonal model
.IDS & .cad	FootCAD
.einlarge	GPSCAN
.neu	HICAD
.mf1	Ideas
.prt	Ideas
.ipt	Inventor
.ipt	Inventor
.3dc	iTero
.s3d	Mind
.001	Orthema
.xmt_bin	Parasolid
.pme	Paromde
.pic	Picture

Exension	Description
.cs3	Procera
.prt	PTC Pro / Engineer
.asm	PTC Pro / Engineer
.vec	Schott
.des	Shoe Design
.cdt, .sdt, .gdm, .gdb, .vtl & .idt	Sirona
.smr & .cad	SoleCAD
.par	Solid Edge
.sldprt	SolidWorks
.sldasm	SolidWorks
.scdoc	SpaceClaim
.top & .cam	TopSolid
.prt	Unigraphics
.asc	Vorum / Cyber cloud data (scan)
.mxd	WinMAX
.xtl	XTL
.zip	Zip