V15.0

8 Blend Faces, Radius = 2.000000

AIRBAG

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KEYCREATOR™
3D Direct Modeling Software

KUBOTEK®
MASTER YOUR GEOMETRY

KEYCREATOR® 2017

V15.0

Benefits

The version 15.0 release of KeyCreator 2017 enhances user control of several key surface modeling functions with proprietary Kubotek technology and significantly improves performance of drawing layout instance updating and resizing. New DirectX 11 support dramatically increases display update speed and frame rates. Also added are customer-driven options for offsetting linear dimension text and section view and file preview image settings.

Graphics

KeyCreator 2017 is boosted with new DirectX 11 graphics capabilities in the V15 release. DirectX 11 has provided significant performance improvements in graphics display update and frame rates. Kubotek testing has shown an average 10% speed improvement across a large suite of models and drawings with 400% speed improvement in some cases.

Detailing

Improved instance updating

- Eliminates unnessesary processing
- Remembers update status when opening a file
- No processing when resizing an instance

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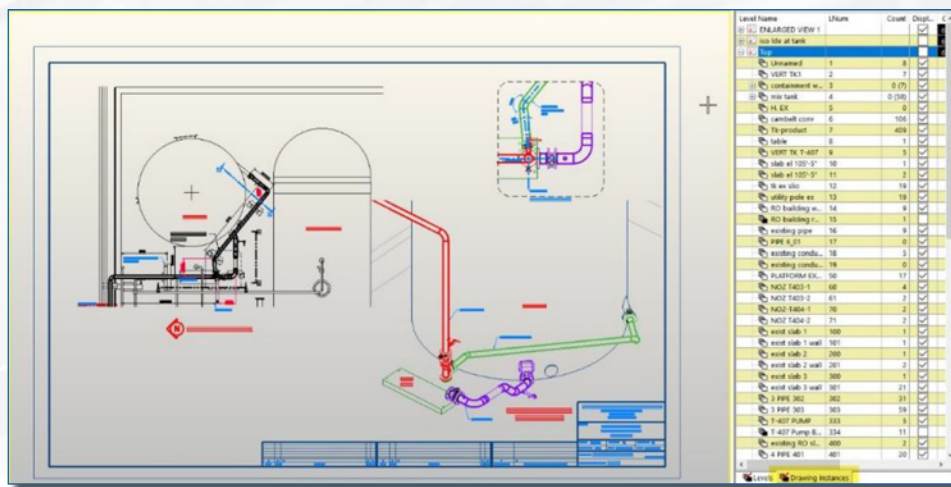
Rail Sweep

New & improved Rail Sweep - Streamlined sweep function

- Sweep one or two profiles with single or multiple entities
- Shape will follow along one or two paths
- New window selection of profiles and paths
- Function dialog window has been streamlined for user productivity
- Create surfaces or solids in one function, all in one function
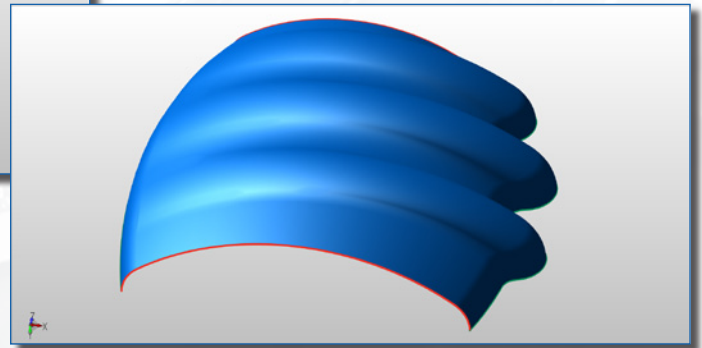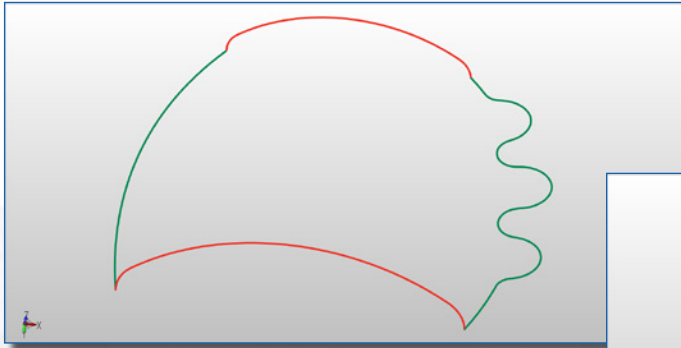
Example with 2 multi curve profiles and 2 multi curve paths

Example with 2 multi curve profiles and 1path

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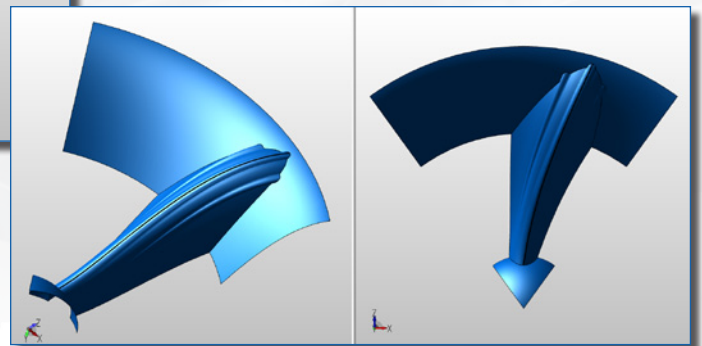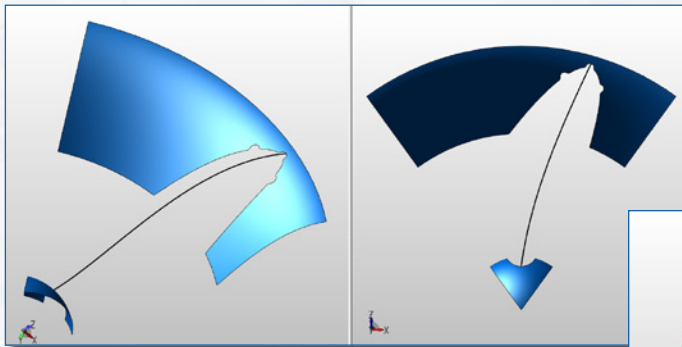
Multi-Profile Sweep

New Multi-Profile Sweep - Users can now easily create solids/surfaces through multiple sections

- Sweep multiple profiles with single or multiple entities along a given path
- Shape will morph between profiles along the path
- New window selection of profiles and paths
- Create surfaces or solids in one function, all in one function
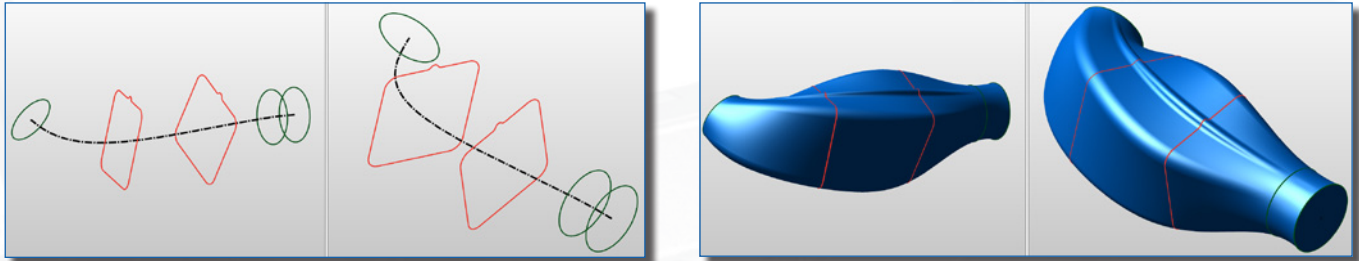

Example with mutiple profiles sweeping along a path

Loft

New and improved Loft - Giving users more options and flexability than ever before

- Profiles automatically be ordered
- No restriction in selection direction, window selection of profiles and paths
- Ability to create shapes tangent to surfaces/solids
- Wireframe entities can be created by lofting through a set of points
- Function dialog window has been streamlined for user productivity
- Create surfaces or solids in one function, all in one function
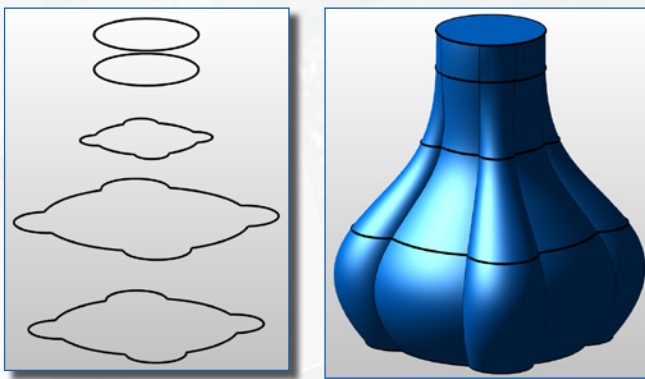
Example of Loft through mutiple profiles
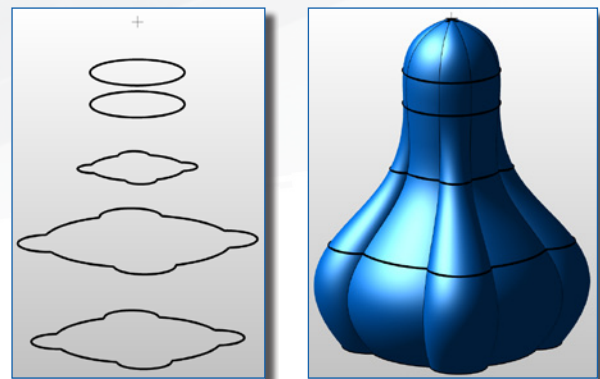
Example of Loft through mutiple profiles and a point

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Interoperability

KeyCreator continues improvements on its extensive import capabilities with several interoperability updates.

CATIA V5 R27

- Read/Write extended up to V5 R27 is also known as V5-6 R2017 or R2017x

Solidworks

- Read extended to 2017

Siemens PLM NX

- Read extended to NX 11

Inventor

- Read extended 2017

CREO

- PMI read extended CREO 4

Parasolid

- Read/Write extended to Parasolid 29

ACIS

- Read/Write extended to 2017

open BoM

New Solution Partner Integration openBoM

- Direct integration with KeyCreator - For referenced assemblies, Part properties are automatically transferred to openBOM and BOM is automatically generated
- Direct replacement for managing BOMs using spreadsheets
- Cloud Based - accessible from any device, searchable and editable BOMs and Inventory
- Collaborative so that everyone involved (Engineering, Manufacturing, Purchasing) is viewing and working off of the same BOM
- Revision control
- BOM can be exported from openBOM to XCEL, PDF or CSV as needed
- Free personal use account

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