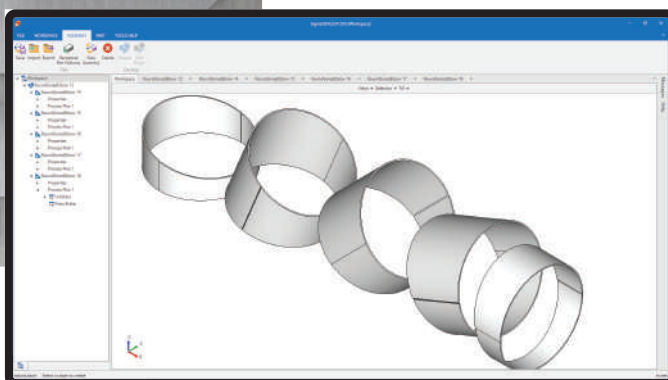# SIGMANEST

SigmaDEVELOP

Powerful Parametric HVAC/Duct Shapes at Your Fingertips

✚ Create Shapes Easily, Flatten Accurately

Create ducting and HVAC shapes quickly and easily with SigmaDEVELOP. Using our proprietary unfolding technology, your shapes will flatten quickly with accurate material-based dimensions.

✚ Customizable and Integrated

Use a batch file to create a group of parts automatically at once and when you're done, export flat CAD files or use the direct SigmaNEST integration to nest your parts. Open source shape code allows you to customize the parametric shapes to your preference.

- Directly create shapes from SigmaNEST for one-click nesting
- Export bend lines and shape information into DXFs, CSVs, or reports
- Group parts together for Bill of Material and quantity organization
- Leverage batch commands for fully autonomous shape creation
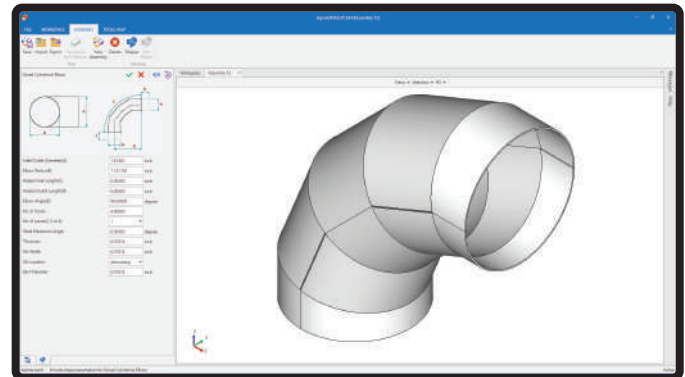
✚ Effortless Part Creation

- ▪ Expandable library of hundreds of shapes organized into categories
- ▪ Live 3D preview while editing a shape provides detailed views of the workpiece
- ▪ Seam placement tool and pre-built seam library ensures seals and connectors meet specifications
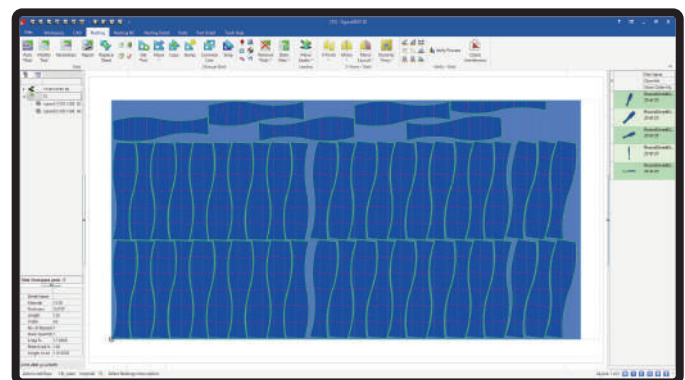
✚ Manufacturing-Minded

- ▪ Automatically add bend lines at customizable intervals for bend alignment or shorten them to etch more quickly
- ▪ Leverage material-specific, K-factor based unfolding for accurate flat patterns
- ▪ Group pieces as assemblies to easily organize quantities, job names, and multi-body parts
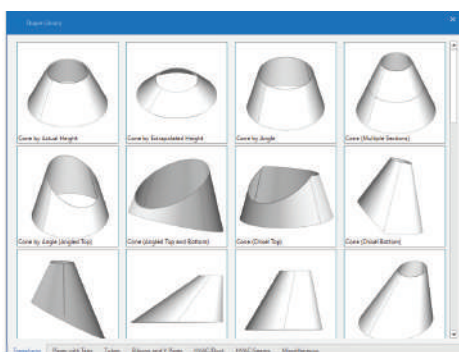
✚ Unparalleled Integration

- ▪ Utilize built-in SigmaNEST integration for seamless HVAC/Duct part import into your workspace
- ▪ Export 2D and 3D flat patterns for use in SigmaNEST or other systems for fluid data exchange
- ▪ Automated batch processing for part creation, unfolding, and exporting increases throughput
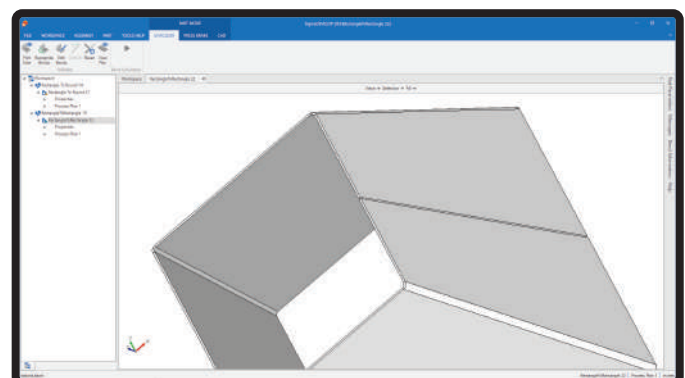

Live 3D preview

Built-in SigmaNEST integration

Hundreds of shapes in library

Adjustible seam placement

CAMBRIO

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