Custom products in simulation

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The visual impression of a simulation can be improved by using custom products in the Feeder component. In addition to the basic shapes collection it's possible to import and use own CAD models. Bottle is the default shape, with a set of parameters. To use custom shape it has to be imported in the 3D-world and the connected to the Feeder.

Import CAD model

Drag-and-drop a STEP file from any Windows folder (or Desktop) to the 3D world.

Note: The CAD model does not show up in the 3D-world immediately.

The Import Model panel is displayed.

Make adjustments, if necessary.

Click Import button.

	Import model		× ×
	import model		1 0
	Customize how geometries are imported		
	Choose options and click import		
	Browse		
	C:\Users\sepan1\Desktop\	8CU53+2L3100+0000.stp	-
	Settings presets		
	Custom		Ŧ
	▼ Settings		
	Metadata type		
			Ŧ
200	Import geometry as Node Tesselation quality	Component Cayout	
62	Feature Tree		
	O Full	Optimized Ocollapsed	
	Include Hidden N	laterials 🗌 Textures 🗌 Marki	Jps
	Up axis		
	O +X	O +Y O +Z	
	● -X	O -Y O -Z	
	Other Settings		
	Healing tolerance	0	mm
	Default units	Unknown	Ŧ
	Split geometry	By material	Ŧ
	Analyze	1 components, 2 nodes	
		0 materials	
		Maximun 2 transforms. 2 geometry f	features
		Between 2 and 0 geometry features	
		6396 points, 12084 triangles approx.	
		W	
Ŧ×			
Source			
EndDrive			
		Import	cel
	Properties Import	t model	

Connect product

Select the *Feeder component* in the 3D-world.

Select the *Product tab*.

Click *PickPart button*.

Click the *imported CAD-model* in the 3D-world.

		0.000	0.00
	Default	Process	Product
initList	Shape ProductLength ProductWidth ProductHeight PickPart ClearPart OffsetDirection OffsetLength	Box	
		Right	

The custom product is not displayed above the feeder in the same way as the basic shapes. To reset the shape to use the basic shapes collection, click *ClearPart button*.

Note: The imported CAD model has to be in the 3D world after PickPart button has been clicked. If the CAD model is deleted it disappears from the feeder.

