Using Delcam Powermill with the Rotary Table

Written by: John Eberhart and Eric Kurzenberger DM Lab Tutorial

The rotary table allows you to mill larger objects.

Please note: you need to review the other two powermill tutorial BEFORE attempting to create a tool path utilizing the rotary table.

- 1. Place the model below the XY Ground Plane
- 2. Place the vertical center of the model on the Z Axis.

This coordinates the origin of the model with the base point created in Powermill.



Export your model an import it into powermill.



Setup your model in powermill.

Import the model, create block and lock it to the size.

Refer to the basic Powermill tutorial for instructions on how to do this.

Note:

The turntable has a safe work plane above the turntable set to 20" above the floor. When you clamp your piece to the turntable the min height from the floor you can mill is 20", so you will need to allow extra material.

Setting up a work plane for the robot to position correctly on the turntable.

Create a new work plane, so that it is oriented to the side of the piece you need to cut.

Rotate the X axis in the positive 90 degree direction.



Rotate the Z axis in the negative 90 degree direction.

		🐮 Workplane 🔹 🏹
Move your work plane away from the center of the block so it is outside of the block. It is this location that the mill will make a rapid move to first before the mill start to cut the piece.	A REAL PROVIDE A REAL PROVIDA REAL PROVIDA REAL PROVIDE A REAL PRO	Name rotary Active Workplane rotary Draw V Align Transform Copy Image: Constraint of the second se







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