

Prototype 2 Mechanics - Lasercut for Rotating Plate with Gear

Description

The rotating plate of prototype 1 consisted of a platform which was directly mounted on the stepper motor axis.

The goal for prototype 2 was to construct a rotating plate with gear.

Main advantages of using a gear:

- Bigger momentum => possibility to rotate even heavier scan objects
- Finer resolution of rotation => 3D scans with more details are possible

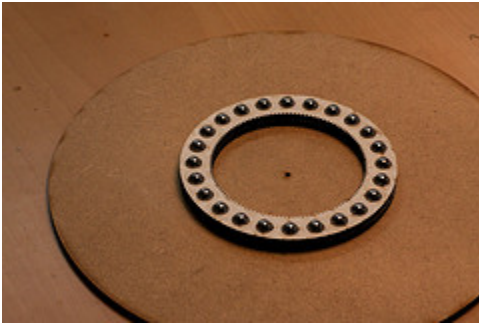
The rotating plate with gear is currently in an early development stage.

Here are some photos anyway.

Gallery



Gear of rotating plate



Rotating plate with bearing