



<https://www.deviantart.com/ahjotuli/art/Kinetic-musical-sculpture-Full-345431398>

★ Add to Favourites | ▼ Comment

🔗 📌 ⬇️ ...



Kinetic musical sculpture - Full
by Ahjotuli + Watch

Published: Dec 29, 2012

×

★ 27 Favourites 💬 28 Comments 👁 3K Views

Inspired by "The Chrysalis", an original acoustic instrument by Cris Forster (google "Chrysalis Foundation" if interested). I got so inspired by the concept of his creation that I had to have my own. In the making the main focus swayed from 'musical instrument' to 'musical sculpture' enough for me to call this original work.

The vibe I got from the pictures was very alien-high-tech-yet-ancient kinda thing so I expanded on that. The main pattern on the soundboards is from one of those crop circle pictures I found online. It has 60 steel strings emanating from an off-center steel/birch/rosewood ring with the other side being a mirror image, so 120 strings in total. It is suspended on an axle running through the drum to ball bearings encased in the stand arms.

It was made on and off during a 2,5 year period. While most of it was spent procrastinating and on other slightly less consuming projects, the bulk of it was contemplation and problem solving. The actual labour could be done in a few months. Overall it turned out quite nicely!

The spinning drum is 600mm (23,6") across and 150mm (5,9") deep

Ingredients:

Baltic birch plywood - stand and side of the drum

Birch and mahogany veneer - soundboards

White oak and spruce - structural bits inside

Ebony - pads of the brass legs

Brass

Steel

Iron