

Folded Horn Acoustic Guitar Patent # 10,177,172

Below is for one horn only, calcs rounded slightly for simplicity:

Folded Horn Acoustic Guitar: Driver: 3" Dia. – Driver Area 7 sq. in. – Horn Length 5 Feet – Volume 250 cubic in.

Weltersys Keystone Sub (Online): Driver 16" Dia. – Driver Area 210 sq. in. – Horn Length 10 Feet – Volume 15,000 cubic in.

30 X Larger Area

2 X Longer

60 X More Volume



Note the Weltersys Sub easily captures $\frac{1}{4}$ wavelength at 40 Hz and my Folded Horn easily captures $\frac{1}{4}$ wavelength at 80 Hz.

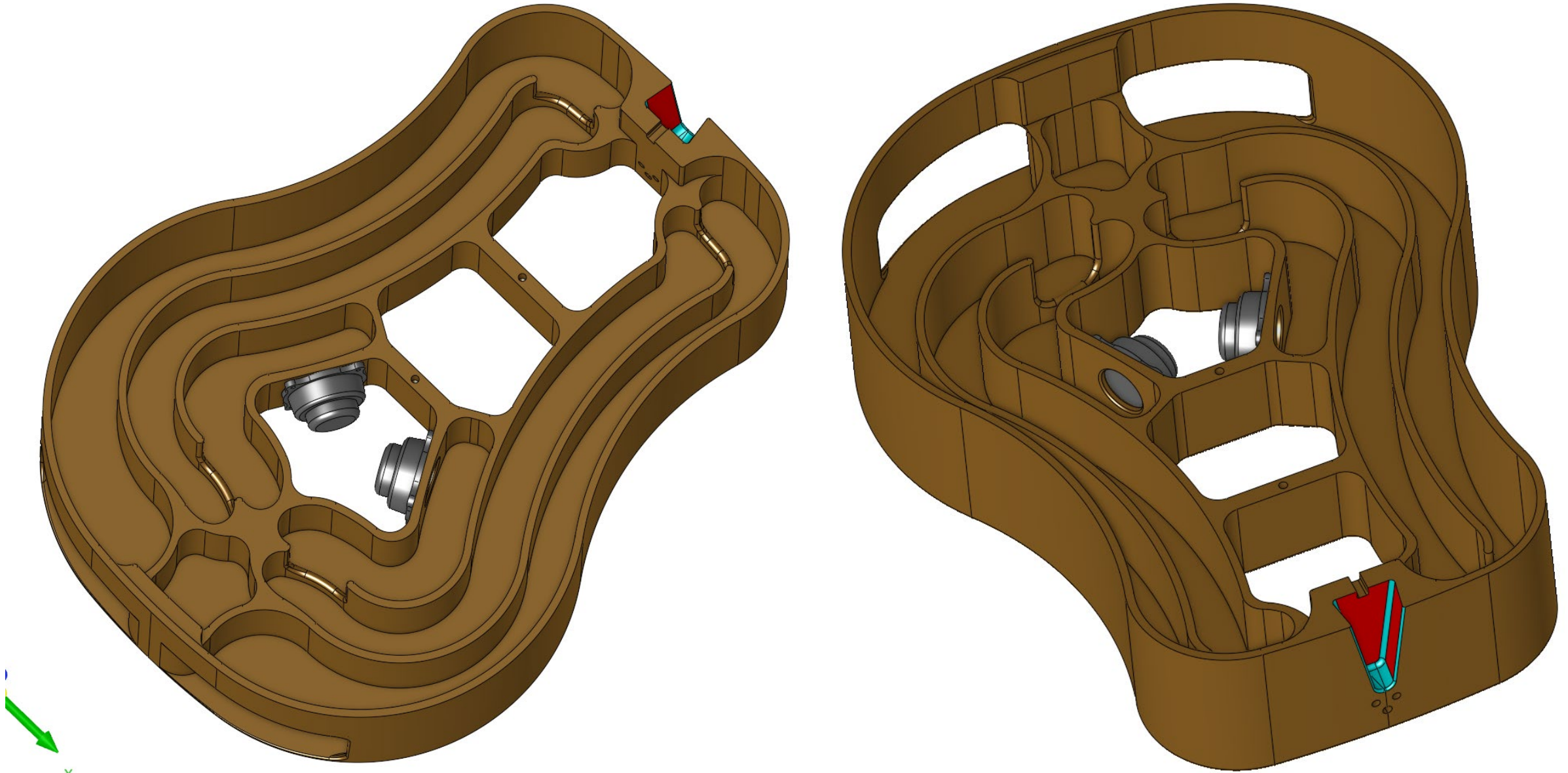
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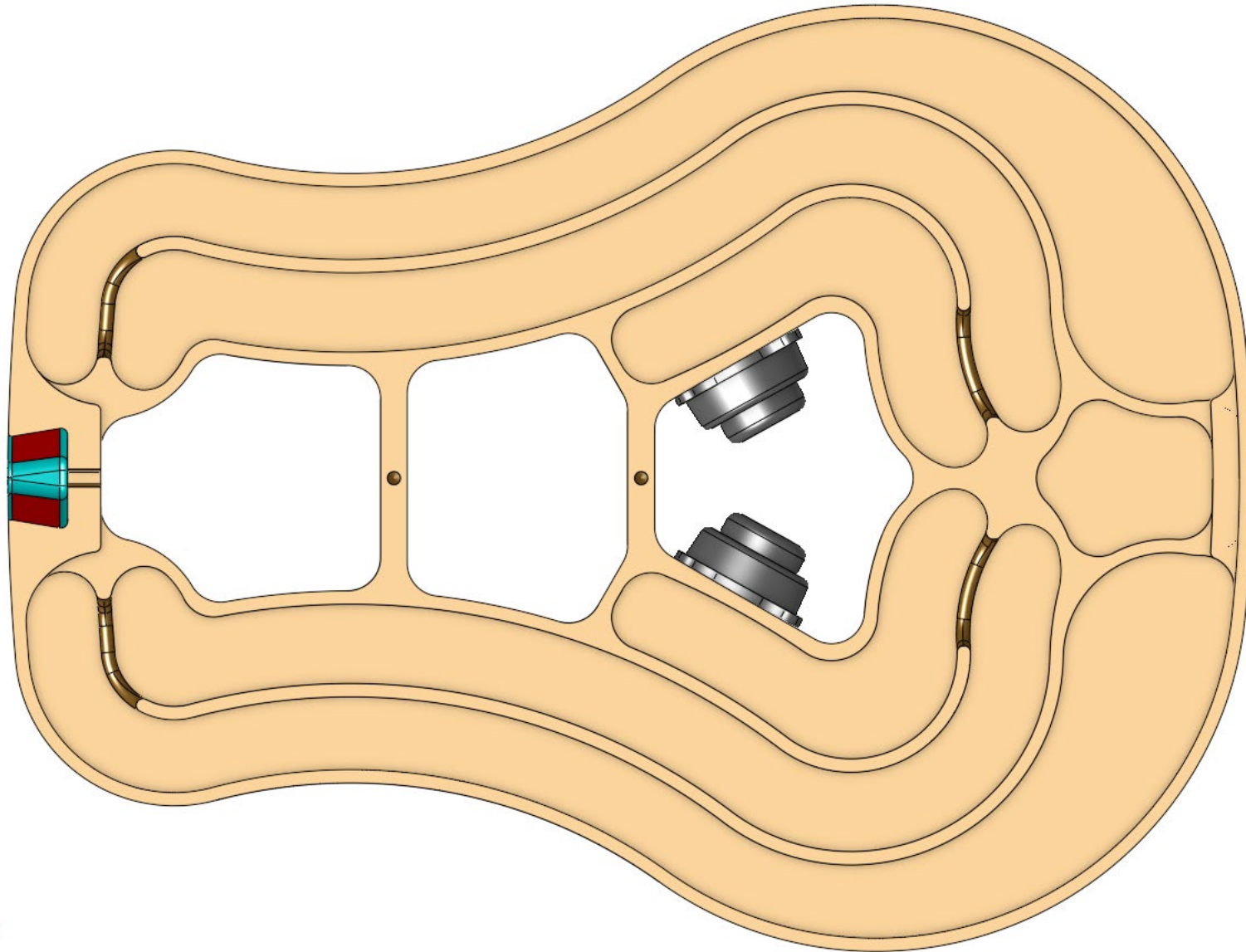
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CNC machine almost complete. I can cut the entire body and horns in about two full days, runs at night.



6/3/2023



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