

How To Build a Vortex Tunnel



The vortex tunnel illusion is put together in three parts. The first part is the frame that supports the tunnel. This is made up of metal U-joists bolted together .

Then brackets are made to support bicycle mag wheels, that will serve as the turning tracks that the rings will ride in. The wheels are space 10 feet apart, and when you use 6 wheels and three rings you have a 20 foot long tunnel. The width between the wheels varies with the size of the rings. One of the middle mag wheels needs to be a back wheel with a sprocket. From this you will run a chain to a drive motor that will power the tunnel.



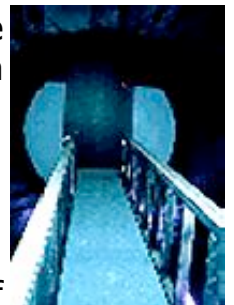
The next part of the tunnel is the tunnel itself. It consists of 3 plywood rings, usually 10 feet round, a painted canvas, and bars to go between the rings.

The bars could be metal conduit, angle iron, box tubing, or even wood. Set the rings on the wheels, then install the spacing bars in-between them. When it is done it should be a 20 foot tunnel that rotates easily on the wheels underneath.



The last step is the bridge. This requires platforms to be built about 20 inches high. Two I-beams will sit inside these platforms and stretch through the tunnel. Then 3/4 plywood flooring and rails should be installed. The rails have to be sturdy because the effect of the tunnel will cause the customers to really lean on them.

Black lights should be installed on each side of the bridge to illuminate the tunnel. The canvas should be painted with black light stars and stapled on last. Then turn it on and watch it go.



NOTE: This description of the vortex tunnel is a basic overview of what it takes to build it. Actual sizes and designs are not given. If you are not

sure of any aspect of creating this effect please consult a professional or consider purchasing this product or buying it.

HauntWorld assumes no responsibility for this effect.

by the Reanimator, Jim Kelly

The Finished Product

