
Subject: Magnets for Combinatory Manufacturing
Posted by [TerraCotta](#) on Sat, 16 Oct 2010 20:19:07 GMT
[View Forum Message](#) <> [Reply to Message](#)

I've been doing some neat things with magnets and steel prints, and thinking that having neodymium magnets as a combinatory manufacturing option that shipped with items would be the single most awesome way to expand the possibilities of combinatory manufacturing with Shapeways. They would, of course, have to cost something, but with a small magnet in a standard size us designers would only need to buy a couple of them to explore lots of different designs, while Shapeways could buy them in bulk and get a reasonably good rate. What do you guys think? Here are just a sampling of the things it would enable:

fridge magnets
awesome desk toys
pieces that pull apart and attach very intuitively
levitated portions of models, pinpoint balanced, etc.
when combined with plastic portions to provide electric insulation, 3D printed motors!
etc....

what do people think?

sincerely,
Jeff

Combinatory Magnets (total votes: 14)

Yes, please! 14/(100%)
No, not what Shapeways is about. 0/(0%)

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [virtox](#) on Sat, 16 Oct 2010 23:02:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Yes, please

I've also started experimenting with using magnets in designs, and it would be a great addition to have them included!

In the mean time I can recommend something like KJ magnetics, they have an awesome supply of magnets in all shapes and sizes.
And some cheap surplus stuff too.

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [stop4stuff](#) on Sun, 17 Oct 2010 06:03:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

I love magnets, (piccy of a 1000 or so on my fridge) the possibilities are endless... and thanks for reminding me of something that can be done via Shapeways and some post production...
Diamagnetic Levitation, write-up and video

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [pp](#) on Mon, 18 Oct 2010 08:14:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

Good idea's

I have been looking at this before.
How would you see this happen. Just add magnets and the customers can assemble the products them selves or would you expect us to assemble the products?

Peter Paul

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [TerraCotta](#) on Mon, 18 Oct 2010 17:08:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

I would say the best way to pull this off is to implement the "printed instructions by seller sent with item to customer" already desperately needed for anything that requires assembly. Then, just toss them in the box in their original packaging and leave it up to the seller to make good instructions. Otherwise figuring out how to assemble everything at Shapeways would be too tough IMO.

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [Youknowwho4eva](#) on Mon, 18 Oct 2010 17:15:01 GMT
[View Forum Message](#) <> [Reply to Message](#)

I would agree with TerraCotta.

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [stop4stuff](#) on Mon, 18 Oct 2010 19:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

TerraCotta wrote on Mon, 18 October 2010 17:08 I would say the best way to pull this off is to implement the "printed instructions by seller sent with item to customer" already desperately needed for anything that requires assembly. Then, just toss them in the box in their original packaging and leave it up to the seller to make good instructions. Otherwise figuring out how to assemble everything at Shapeways would be too tough IMO.

Packaging for magnets includes steel plates to trap stray magnetic fields and stop the magnetic fields from upsetting sensitive electronic equipment... also, health warnings should be included (personal injury, upset pacemakers and death due to ingestion, spring to mind)

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [TerraCotta](#) on Mon, 18 Oct 2010 20:47:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

Just one of many situations where I would love to ship a product with magnets: my Ultimate Desk Toy Stand

File Attachments

1) [IMG_0054_800x600.jpg](#), downloaded 215 times

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [Drawn-SteelHero](#) on Mon, 18 Oct 2010 20:59:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

That is so cool.

Andy

Subject: Re: Magnets for Combinatory Manufacturing
Posted by [TerraCotta](#) on Mon, 18 Oct 2010 21:00:50 GMT
[View Forum Message](#) <> [Reply to Message](#)

Only \$35 customised and shipped
