
Subject: Animatronic Baby called NANO

Posted by [InnerbreedFX](#) on Tue, 23 Apr 2013 01:58:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

ok last week some of you may remember i posted a thread asking for a modeller to create a mesh for a project i was doing.

Thanks to everyone who responded, and im sorry that in the end i closed the thread due to high price quotes. following this i modelled the mesh myself.

Photo reference and first phase mesh:

Part complete mesh over reference.

The final mesh: (made available to buy)

<http://shpws.me/nGZm>

ANYWAY,

MEET, 'Nano.

(Neonatal Animatronic Newborn Offspring)

as well as that i have been creating the internal mechanical rig.

A few changes have been made since there images were captured.

The mechanical rig will allow for "up to" 11 servos to be installed.

Although the rig will never need 11 servos. In making more available space with in the rig will help me in assembly once i get this printed.

The rig is designed to be printed in one whole piece. and the mechanical tolerances have all been designed to work straight out of the printer.

All ill need to do is add servos and join up the linkages.

How this rig all works will be shown once i can fund getting it made.

<http://shpws.me/nHLC>

Just to make things a bit clearer, i will not be printing the Head mech i modeled previously. this part was simply so i can work out the internal space with in the 3d model. (The main reason i didnt feel comfortable paying huge amounts on getting it modelled.)

But again i have made that available to buy. as i do with most of my work.

Once the rig is all up and running i will be making a series of moulds from the original physical model. this will allow me to create an underskull and also a silicone skin to dress it all with.

I hope you'll find this project of interest.
i will be "printing" the whole body, etc also.

Jonny.

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Tue, 23 Apr 2013 15:51:43 GMT
[View Forum Message](#) <> [Reply to Message](#)

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Thu, 25 Apr 2013 16:45:37 GMT
[View Forum Message](#) <> [Reply to Message](#)

Model just in.

File Attachments

1) [2013-04-25 15.05.01.jpg](#), downloaded 720 times

Subject: Re: Animatronic Baby
Posted by [UniverseBecoming](#) on Sat, 27 Apr 2013 20:44:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Nice work!

Subject: Re: Animatronic Baby
Posted by [UniverseBecoming](#) on Sat, 27 Apr 2013 20:51:30 GMT
[View Forum Message](#) <> [Reply to Message](#)

That eye photo reminded me of THIS!

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Sat, 27 Apr 2013 21:36:38 GMT
[View Forum Message](#) <> [Reply to Message](#)

lol Thanks James.

No 3D Printing here.....

Subject: Re: Animatronic Baby
Posted by [Dotsan](#) on Sun, 28 Apr 2013 18:51:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

Great project, I look forward to further updates. Out of interest without naming names, what was the highest and lowest price you were quoted for your original request?

Regards
Vijay

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Sun, 28 Apr 2013 23:13:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

thanks for your comment.

they fell in at GBP Â£250 - Â£150. i then got a really good offer that im not willing to publish but by then i had started modelling it myself.

again thanks to everyone who contacted me, but the job was for a quick reference and as you can see there is far more important things to this project.

Subject: Re: Animatronic Baby
Posted by [Tresob](#) on Tue, 30 Apr 2013 13:24:01 GMT
[View Forum Message](#) <> [Reply to Message](#)

This is a totally wild project! It's going to give me nightmares for weeks...but it's totally wild!

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Tue, 30 Apr 2013 20:08:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thanks Tresob,
and im sorry for the nightmares. lol

once this baby is up and running (Autonomously) then the nightmares will begin.

Subject: Re: Animatronic Baby
Posted by [FabMeJewelry](#) on Wed, 01 May 2013 17:26:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

This post is awesome, no nightmares here only dreams !
Too bad we can't fast forward, i'd love to see the finished product.

Is this for the movie industry or for a super realistic toy ?

Keep sharing

Subject: Re: Animatronic Baby
Posted by [NormL](#) on Wed, 01 May 2013 18:27:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

Very cool work. Thanks for sharing

Subject: Re: Animatronic Baby

Posted by [InnerbreedFX](#) on Wed, 01 May 2013 22:30:42 GMT

[View Forum Message](#) <> [Reply to Message](#)

Thanks for the comments. makes it all worth while.

I had an enquiry a while back about making an animatronic baby for a production company, to be used for commercial use, but i think they pulled out due to the quote i gave them. not sure. and so im now just building this anyway as part of my portfolio.

Also the initial challenge sounded exciting and so why not pursue such a project.

I should have the head working by next week.

Jonny.

Subject: Re: Animatronic Baby

Posted by [mkroeker](#) on Thu, 02 May 2013 20:51:20 GMT

[View Forum Message](#) <> [Reply to Message](#)

I sense a possible application in medical training there... be it EMT or neonatology. But until that comes to pass,
your pictures are the perfect response to the proud parent who emails pictures of his new offspring to all and sundry.

Subject: Re: Animatronic Baby

Posted by [InnerbreedFX](#) on Sun, 05 May 2013 18:24:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

Micro hands printed in FUD.

Subject: Re: Animatronic Baby called NANO

Posted by [InnerbreedFX](#) on Tue, 07 May 2013 18:08:58 GMT

[View Forum Message](#) <> [Reply to Message](#)

ok Here is the head mech.

Unfortunately i have had to remove the smile actuators due to the print fusing

Subject: Re: Animatronic Baby
Posted by [adminsmithee](#) on Wed, 08 May 2013 13:56:40 GMT
[View Forum Message](#) <> [Reply to Message](#)

where does one acquire such eyes one might wonder?

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Wed, 08 May 2013 16:06:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

<http://www.tinkerbellecreations.co.uk/half-round-crystal-glass-lauschaer-eyes-188-c.asp>

Subject: Re: Animatronic Baby
Posted by [InnerbreedFX](#) on Sun, 12 May 2013 16:43:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

New hands...
To be printed in FUD

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Fri, 24 May 2013 13:10:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

Silicone skin test.

More info can now be found here:

<http://www.innerbreed.co.uk/#!nano-assembly-/c12iw>

Subject: Re: Animatronic Baby called NANO
Posted by [Jess_Jaime](#) on Mon, 27 May 2013 16:08:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

This is so intensely wonderful!

I am very impressed by your skills and ingenuity at pulling such a project together!

Who doesn't need an animatronic baby crawling around their house? It'd be fun to be able to plug an iPhone into the baby (like this dude did <http://romotive.com/meet-romo>) and hear it talk in Siri's voice . . . hahaha

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Tue, 04 Jun 2013 15:17:18 GMT
[View Forum Message](#) <> [Reply to Message](#)

Thank you Jess.

here is some more manual work as well as the next part of the CAD stage.

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Tue, 11 Jun 2013 10:26:04 GMT
[View Forum Message](#) <> [Reply to Message](#)

Subject: Re: Animatronic Baby called NANO
Posted by [bartv](#) on Fri, 14 Jun 2013 08:16:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

I am *SO* impressed with this project! Would you like to be featured on our blog? Just let me know when you think is a good moment, or when the project is finished!

Bart

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Fri, 14 Jun 2013 16:09:47 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi Bart,

Thank you for your kind words and also your invite to feature.

As you can imagine there are lots of areas to this project. Lots of moulding, casting, CAD designing and "The holy grail of all reasons why this project has become possible" 3D Printing.

I was going to make the parts available for others to order 'so they can make their own NANO. Then have any markup made go towards supporting the funding for each next stage as i produce it.

....BUT i went against this as i simply do not have the time to support customer service, tutorials and other time consuming areas.

As i said the project will take a while and its very expensive as i have to fund it myself. But, with all this said, Id be more than happy to have 15 mins of fame as it were.. lol so go right a head.

Developments in the pipe line..
Underskull:

Body design... still a work in progress...

Old Finger design for FUD:

New hand design for SWF:

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Mon, 24 Jun 2013 15:33:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

3D printed Underskull:

Subject: Re: Animatronic Baby called NANO
Posted by [lensman](#) on Tue, 09 Jul 2013 13:42:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

Extremely impressive.... Um, I don't suppose you have a second company called Skynet that you're hiding from us?

Subject: Re: Animatronic Baby called NANO
Posted by [UniverseBecoming](#) on Tue, 09 Jul 2013 13:45:15 GMT
[View Forum Message](#) <> [Reply to Message](#)

^ HAHahaha! Good one!

Subject: Re: Animatronic Baby called NANO
Posted by [lensman](#) on Tue, 09 Jul 2013 14:18:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

It's good to have a place where geeky humor gets appreciated!

Subject: Re: Animatronic Baby called NANO
Posted by [UniverseBecoming](#) on Tue, 09 Jul 2013 15:07:27 GMT
[View Forum Message](#) <> [Reply to Message](#)

Subject: Re: Animatronic Baby called NANO
Posted by [InnerbreedFX](#) on Wed, 10 Jul 2013 21:17:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

Lol, thanks guys. More updates will follow.. just dealing with a customer project so I can fund the next update.

Subject: Re: Animatronic Baby called NANO
Posted by [StefanoAlberti](#) on Thu, 11 Jul 2013 08:42:36 GMT
[View Forum Message](#) <> [Reply to Message](#)

Very impressive! ... and scary
