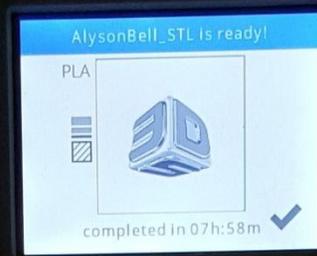


# Hursto Presto Studios

## Studio Catalog 2016d



With the arrival of affordable 3D Printing, 3D Selfies are the rage! Have your likeness immortalized as a detailed bust or figurine just for yourself or as a gift for a loved one!

[hurstopresto.jimdo.com](http://hurstopresto.jimdo.com)  
[facebook.com/hurstopresto](https://www.facebook.com/hurstopresto)  
[hurstopresto@gmail.com](mailto:hurstopresto@gmail.com)

Cube



*Hursto Presto Studios is a home based business located in Robeson County, North Carolina. Support your local businesses by doing business with a local home based business!*

*Jim & Jane Hurst*



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# Hursto Presto Studios

## 3D Printing Catalog 2016d

### *Lumberton, North Carolina*

hurstopresto.jimdo.com

hurstopresto@gmail.com

With the arrival of affordable 3D Printing, 3D Selfies are the rage! These are not mass produced trinkets, but one-of-a-kind (or two, or three-of-a-kind) 3D printed sculptures in your likeness that will become a family heirloom treasured by your loved ones!



**Newborns:** Just had a baby? A 3D Printed figurine of your sleeping baby in a basket would be a treasure!

**Sports:** Football, Baseball, Karate, whatever your sport, a 3D Printed figurine or bust of you in uniform would make a great keepsake!

**Uniformed Services:** Law enforcement, Postal Delivery, Doctors & Nurses, or Military. Have your likeness in uniform printed in 3D!

**Weddings:** No more generic bride and groom. Let the actual bride and groom figurine stand on your wedding cake!

**Costumes:** Is it Halloween? Into Cosplay? Theater? Get yourself printed in costume!

**Fantasy:** Your head can be scanned and attached to any 3D printed model! Have your likeness placed on the body of a superhero, a space marine, roman soldier, winged angel, scuba diver, etc.

# 3D Selfies

## *The Process:*

3D Printing is not a new concept. Developed back in the '80s, 3D printing was limited to large corporate and governmental entities. Today, the patent for 3D Printing Technology had recently expired, and suddenly 3D Printing became available and affordable to the public.

There are now a huge variety of 3D printers and processes. A basic low cost, plastic filament extrusion desktop 3D printer can be purchased for under \$1,000, and then again there are the industrial full color multi-material laser powder based printers that run upwards toward \$100,000.

Hursto Presto Studios uses a basic desktop 3D printer for budget low-cost single color plastic prints, and we also utilize a professional 3D printer in New York for our higher quality printing needs which maintains quality and gives us access to other materials

**There is a 2 step process to turn you into a 3D full color figurine or bust.**

**The first is Scan.  
The other is Print.**



## 2 Step Process



**Step 1) Get Scanned!** The first thing you need to do is **attend a scan session** to get yourself scanned:

[hurstopresto.jimdo.com](http://hurstopresto.jimdo.com)  
[hurstopresto@gmail.com](mailto:hurstopresto@gmail.com)

Check our **Scan Schedules** to meet up with a Digital Designer (Jim) who will use a hand-held camera-like device to scan you and create a digital file of your likeness.

**There is a one-time design fee of \$40.00\*:** (*covers scanning service, file editing, and your copy of the files for 3D Printing*). **Does not include cost of 3D printing.**



### Step 2) Get Printed!

By keeping the cost as low as possible for our customers, the impact of shape and sizing has a great influence on pricing. Pricing of printed pieces is variable depending on material, shape and size.

*Note that figurines with full clothing (heavy jackets, dresses, etc) may increase listed price by 20% due to increased mass.*

Once you decide on size and material of your 3D figurine or bust, the file is edited and processed to prepare it for 3D printing. Your 3D Selfie model file is then sent to New York and the printing process begins.

Our printer maintains strict model requirements to ensure print success. Once the prints are complete (aprox. 2 - 3 weeks), they are shipped to Hursto Presto Studios where we do a final quality check and deliver to you your 3D Selfie.

# Scan Sessions

To create a 3D Selfie or Bust, we must scan you to capture your likeness for 3D printing. There is a **\$40 scan/design fee for each person**, and there are 4 different ways to get yourself scanned:

**1) Private Scan Session-** We can travel to your location for a private scan session. **\$20 travel charge within Robeson County. \$30 travel charge surrounding counties.** No travel charge if scanning 3 or more people. Cash/credit payment due upon arrival. Contact us to schedule a Private Scan Session:  
**hurstopresto@gmail.com**

**2) Open House-** We will set up the scan tent at our studio residence on occasion. **Requires pre-registration** via PayPal at **hurstopresto.jimdo.com**

**3) Fundraisers/Events-** Half of the scan fees would go toward a club or organization. Scan location varies. May or may not require pre-registration via PayPal. If you are looking for a unique way to raise funds for your club or organization, contact us at **hurstopresto@gmail.com**

**4) Fairs, Festivals, Expos-** We would set up the scan tent at a fair/festival event. No pre-registration required.

See **hurstopresto.jimdo.com** for Scan Schedules.



**HALLOWEEN**  
FUNDRAISER

The logo for OpenHouse, featuring a stylized house shape with a window in the center, positioned above the text "OpenHouse".  
**OpenHouse**

Visit **hurstopresto.jimdo.com** for current scheduled Scan Sessions!

# 3D Selfie Print Pricing

## Figurines:

Figurines are generally less expensive than busts due to their smaller mass. Pricing is listed by material and height:

### Full Color Sandstone

Miniature (Cm 7 In. 3") \$30  
Small (Cm 10 In. 4") \$60  
Medium (Cm 13 In. 5") \$90  
Large (Cm 15 In. 6") \$120

### Best Value: \$30 3" Figurine



**Busts:** Busts are generally more expensive than figurines due to their larger mass. Pricing is listed by material and size:

## Area

Miniature: Cm 7 x 7 x 7 In: 3" x 3" x 3"  
Small: Cm 10 x 10 x 10 In: 4" x 4" x 4"  
Medium: Cm 13 x 13 x 13 In: 5" x 5" x 5"  
Large: Cm 15 x 15 x 15 In: 6" x 6" x 6"



### Plastic\*:

Miniature: \$50  
Small: \$100  
Medium: \$200  
Large: \$300



### Metallic Plastic

Miniature: \$90  
Small: \$180  
Medium: \$270  
Large: \$360



### Full Color Sandstone

Miniature: \$50  
Small: \$100  
Medium: \$200  
Large: \$300

*\*Plastic Available in White, Black, Blue, Red, Orange, Green, Yellow*

# 3D Selfie Striking Characters

Miniature Figurine

Feet	Inches	mm
6	3"	75
5' 10"		73
5' 8"		72
5' 6"	2.5"	70
5' 4"		69
5' 2"		67
5'	2"	65
4" 10"		63
4' 8"		62
4' 6"	2.5"	60
4' 4"		58
4' 2"		57
4'	2"	55

Small Figurine

Feet	Inches	mm
6	4"	100
5' 10"		97
5' 8"		93
5' 6"	3.5"	90
5' 4"		87
5' 2"		83
5'	3"	80
4" 10"		77
4' 8"		73
4' 6"	2.5"	70
4' 4"		67
4' 2"		63
4'	2"	60

Medium Figurine

Feet	Inches	mm
6	5"	130
5' 10"		125
5' 8"		120
5' 6"	4.5"	115
5' 4"		110
5' 2"		105
5'	4"	100
4" 10"		95
4' 8"		93
4' 6"	3.5"	90
4' 4"		85
4' 2"		80
4'	3	75

Large Figurine

Feet	Inches	mm
6	6"	150
5' 10"		147
5' 8"		143
5' 6"	5.5"	140
5' 4"		138
5' 2"		135
5'	5"	130
4" 10"		125
4' 8"		120
4' 6"	4.5"	115
4' 4"		110
4' 2"		105
4'	4"	100

Hursto Presto Studios

hurstopresto.jimdo.com  
hurstopresto@gmail.com



# Introducing An Artist's Touch

After you are scanned to be printed as a 3D Selfie or Bust, your digital model is edited and touched up before being sent to the printer.

But there are times when the scan captures unwanted color such as shadows and reflected light. The skin color could be too dark or just washed out, your white shirt could have a strange purple cast to it, or you may have blinked during the scan and your eyes blurred away.

We can have an Artist digitally hand paint your model for only \$20!

**Basic Scan Fee: \$40**

**Optional Coloring Fee: \$20**

The \$20 optional coloring fee will send your digital data file to an artist to get your model completely recolored and negate odd lighting and shadow effects that your scan may carry. Note that this will remove the scanned photographic textured detail and replace it with a solid color.



*Color may vary. Note that digital coloring applies only to Full Color Sandstone.*

# Budget In-House Studio 3D Printing

We send your printable 3D data file to a professional industrial printer in New York for several reasons. They give us access to top quality 3D printers with multiple materials other than plastic such as Full Color Sandstone, Stainless Steel and Porcelain, and their print quality can't be beat.

## That comes with a price, however: Time.

It takes anywhere from 2 to 3 weeks for a 3D Selfie to get printed and shipped. Some may need their figurine sooner.

## We Can 3D Print Your 3D Selfie or Bust In House Faster! And Cheaper!

Our In-House Studio 3D Printer is a Fused Filament Fabrication machine that prints 3D objects with PLA type single-color plastic made of organic corn compounds. Think of it like a computer controlled glue gun placing one layer over another from the bottom to the top.



Our studio 3D printer cannot match the quality of our New York printer's professional laser machines, but with a resolution of 100 microns, our studio printer does great... and you can get your 3D printed figurines and busts cheaper and faster!

<b>New York Printer</b>	<b>Figurine/Bust</b>	<b>Studio In-House</b>	<b>Figurine/Bust</b>
<i>Aprox. 2 – 3 Weeks Delivery</i>		<i>Aprox. 5 – 7 Days Delivery</i>	

### **Strong & Flexable Plastic**

Miniature (Cm 7 In. 3")	\$30/\$50
Small (Cm 10 In. 4")	\$60/\$100
Medium (Cm 13 In. 5")	\$90/\$200
Large (Cm 15 In. 6")	\$120/\$300

### **Studio PLA Plastic**

Miniature (Cm 7 In. 3")	\$20/\$30
Small (Cm 10 In. 4")	\$40/\$60
Medium (Cm 13 In. 5")	\$60/\$90
Large (Cm 15 In. 6")	\$80/\$120

*For best quality use our New York professional printer.  
Studio In-House 3D prints may have some defects and are sold as-is.*

# Outsourced Printing Materials

Our New York printer prints in a variety of materials such as Strong & Flexible Plastic, Metallic Plastic, Full Color Sandstone, Clear and Frosted Acrylic, and Stainless Steel and offers the best quality for 3D printing.

*Please note that the 3D printed products are intended for decorative purposes. They are not suited to be used as toys or to be given to underage children. The products should not come into contact with electricity and be kept away from heat. Our materials, except for Porcelain, are not food safe.*

## Full Color Sandstone:



Sandstone is the only material capable of full-color 3D prints. Produced on Z-Corp printers, it is perfect for figurines, life-like models, avatars, and other products that lend themselves to colorful, high-quality printing. Models are created by printing binder material and colored ink layer-by-layer into a bed of gypsum-based powder.

After printing, the models are finished with a cyanoacrylate (super glue) sealant to ensure durability and vivid colors. The final product is a hard, brittle material that works great for figurines and visual models, but isn't well suited to functional parts or daily handling. Models should be handled carefully, and not exposed to water as it will cause fading.

When printing in this material, some variation in color shade is unavoidable, especially with difficult-to-produce colors such as browns and skin tones. They optimize each print run to make individual models look great, may see differences in color when looking at multiple prints of the same model side by side.



## This material

- not watertight
- not foodsafe
- not recyclable
- not dishwasher safe

Full color sandstone is heatproof to 60°C / 140°F degrees. Higher temperatures may significantly change material properties.

### Hanging structures break easily

Any structure that has a hanging structure is likely to break. This includes the end piece in an unsupported, heavy object, as pictured. Another example of something that would break is a miniature of a person with an arm sticking straight out. The arm would break off.

### Exposure to water will fade colors

The colors we use are similar to Inkjet Printer coloring, which fades when wet. The same principle applies to 3D printed colors. In this photo, the original color was a sky blue (as represented in the lower right of the photo), and after we dipped the model in water the blue faded and whitened. This model should not be designed for applications that requires the model to touch water

## Full Color Sandstone

### Figurines

Miniature (Cm 7 In. 3") \$30  
Small (Cm 10 In. 4") \$60  
Medium (Cm 13 In. 5") \$90  
Large (Cm 15 In. 6") \$120



## Full Color Sandstone

### Busts

Miniature: \$50  
Small: \$100  
Medium: \$200  
Large: \$300

**Coated Full Color Sandstone:** +10% Fee- Optional Coated Full Color Sandstone goes through an additional processing step. A two part epoxy resin is brushed onto your product by hand, creating more vivid colors, additional strength, and a smoother surface finish.

## Strong & Flexible Plastic:



Strong & Flexible plastic material is incredibly versatile, and can be used for a wide variety of applications, from iPhone cases to jewelry, remote controlled quadcopters to wearable bikinis. When thin, it's flexible enough for hinges and springs. When thick, it's strong enough for structural components.

To 3D print in this material, they start with a bed of Nylon powder and sinter the powder with a laser layer by layer, solidifying the powder as they go.

Strong & Flexible plastic *is available in a variety of solid colors including*

*White, Black, Red, Blue, Yellow, Orange, and Green.*



### This material

- is dishwasher safe
- not watertight
- not recyclable
- not foodsafe

### Strong & Flexible Plastic Figurines

Miniature (Cm 7 In. 3") \$30  
Small (Cm 10 In. 4") \$60  
Medium (Cm 13 In. 5") \$90  
Large (Cm 15 In. 6") \$120

### Strong & Flexible Plastic Busts

Miniature: \$50  
Small: \$100  
Medium: \$200  
Large: \$300



## Metallic Plastic (Alumide):



Metallic Plastic is Nylon Plastic filled with Aluminum dust. This dust gives Metallic Plastic the sparkle, but also makes the material more brittle than the Strong & Flexible material.

We start with a bed of mixed Nylon Plastic and Aluminum powder. We sinter the powder with a laser layer by layer, solidifying the powder as we go. Because of this layer by layer process, some models may see a staircase effect.

We also offer Polished Metallic Plastic, which is a smoother version of Metallic Plastic. This material is great for jewelry or anything that needs a futuristic look.

### This material

- is dishwasher safe
- not watertight
- not recyclable
- not foodsafe



### Metallic Plastic

#### Figurines

Miniature (Cm 7 In. 3") \$50  
Small (Cm 10 In. 4") \$100  
Medium (Cm 13 In. 5") \$150  
Large (Cm 15 In. 6") \$200

### Metallic Plastic

#### Busts

Miniature: \$90  
Small: \$180  
Medium: \$270  
Large: \$360



## Acrylic Plastic:



Acrylic Plastic is an acrylic-based photopolymer that comes in white, black and transparent. We recommend using this material for smaller, detailed products that don't face high stress or heat. The level of detail for these products is high, but individual layers are more visible than in Strong & Flexible plastics.

Hard to clean models will be rejected, here's why. During printing, the cavities in your model will be supported by a waxy material which must then be removed before we ship it. While a good deal of this material comes off without any issues, the rest must be scraped away manually with a scalpel. If you design a model with cavities that make such scraping difficult, then unfortunately we cannot produce this *Transparent Acrylic can be clearer when polished*

Hard to clean models will be rejected, here's why. During printing, the cavities in your model will be supported by a waxy material which must then be removed before we ship it. While a good deal of this material comes off without any issues, the rest must be scraped away manually with a scalpel. If you design a model with cavities that make such scraping difficult, then unfortunately we cannot produce this *Transparent Acrylic can be clearer when polished*

### This material

- is watertight
- not foodsafe
- not recyclable
- not dishwasher safe

### Acrylic Plastic

#### Figurines

Miniature (Cm 7 In. 3") \$80  
Small (Cm 10 In. 4") \$150  
Medium (Cm 13 In. 5") \$300  
Large (Cm 15 In. 6") \$400

### Acrylic Plastic

#### Busts

Miniature: \$150  
Small: \$300  
Medium: \$600  
Large: \$ 800



*Acrylic, White*



*Acrylic, Transparent*

## Frosted Detail Plastic:



Frosted Ultra Detail and Frosted Extreme Detail are both made of a UV cured acrylic polymer. While both offer high resolution, Frosted Extreme Detail uses a 16 micron layer height to produce incredibly fine features, making it a great choice for miniatures, model trains, and products with very fine embossed or engraved details. Both materials are well suited for painting, and are relatively brittle, especially when features are thin. The material is heat resistant up to 80°C / 176°F degrees.

This material is printed using the Multijet Modeling (MJM) process. Molten plastic is deposited onto an aluminum build platform in layers using several nozzles, essentially like a large print that sweeps across the build layer. As the heated material jets onto the build plate, it solidifies instantly.

### This material

- is dishwasher safe
- not watertight
- not recyclable
- not foodsafe



### Frosted Detail Plastic

#### Figurines

Miniature (Cm 7 In. 3") \$100

Small (Cm 10 In. 4") \$200

Medium (Cm 13 In. 5") \$340

Large (Cm 15 In. 6") \$500

### Frosted Detail Plastic

#### Busts

Miniature: \$160

Small: \$380

Medium: \$700

Large: \$900



## Stainless Steel:



This material is 3D printed 420 Stainless Steel infused with bronze, and has a final composition of approximately 60% steel and 40% bronze.

To build steel models, special 3D printers deposit small drops of glue onto layers of stainless steel powder, one layer at a time, until the print is complete. We carefully remove these models from the printer. At this stage of the process, the objects are very fragile, similar to wet sand. The models then go through an infusion process that replaces the glue with bronze, creating a full metal product.

It is heat resistant to 831°C / 1528°F degrees. Higher temperatures may significantly change material properties.

### This material

- is dishwasher safe
- not watertight
- not recyclable
- not foodsafe



### Stainless Steel

#### Figurines

Miniature (Cm 7 In. 3") \$100

Small (Cm 10 In. 4") \$250

Medium (Cm 13 In. 5") \$500

Large (Cm 15 In. 6") \$700

### Stainless Steel

#### Busts

Miniature: \$200

Small: \$500

Medium: \$900

Large: \$1,400



# 3D Selfie Wedding Figurines

Get Scanned And 3D Printed As The Actual  
Bride & Groom For Your Wedding Cake!



## Studio PLA Plastic

Miniature (Cm 7 In. 3") \$20  
Small (Cm 10 In. 4") \$40  
Medium (Cm 13 In. 5") \$60  
Large (Cm 15 In. 6") \$80

## Full Color Sandstone\*

Miniature (Cm 7 In. 3") \$30  
Small (Cm 10 In. 4") \$60  
Medium (Cm 13 In. 5") \$90  
Large (Cm 15 In. 6") \$120

## Strong & Flexable Plastic

Miniature (Cm 7 In. 3") \$30  
Small (Cm 10 In. 4") \$60  
Medium (Cm 13 In. 5") \$90  
Large (Cm 15 In. 6") \$120

## Metallic Plastic

Miniature (Cm 7 In. 3") \$50  
Small (Cm 10 In. 4") \$100  
Medium (Cm 13 In. 5") \$150  
Large (Cm 15 In. 6") \$200

***Bridesmaids & Best Friends, Raise Funds For The Bride And  
Groom By Having A 3D Selfie Wedding Fundraiser!***

**\*Coated Full Color Sandstone:** +10% Fee- Optional Coated Full Color Sandstone goes through an additional processing step. A two part epoxy resin is brushed onto your product by hand, creating more vivid colors, additional strength, and a smoother surface finish.

# Fundraisers

***Raise funds for your club or organization by having a 3D Scan Party/Event!***



## **1) Schedule a Scanning Party/Event!!**

Schedule an appointment with Hursto Presto Studios to get you and those in your club/organization scanned and raise funds from each scan session!

**hurstopresto@gmail.com**

**hurstopresto.jimdo.com**

There is a one-time scan/design fee of \$40.00 for each person scanned, with half of the fee (\$20/scan) going toward your fundraiser: (covers scanning service, file editing, and your copy of the files for 3D Printing). *Does not include cost of 3D printing.*

## **2) Get 3D Printed!**

Get your club or organization printed as 3D figurines in a variety of materials and sizes. 10% of the sales ordered that day will also go toward the fundraiser!



**Best Value:** Miniature Figurine = \$30

Cost: \$40 scan + \$30 print = \$70

Fund Raised Ea.: \$20 + \$3 = \$23

10 3D Selfies will raise \$230!

Football, Baseball, Karate, whatever your sport, club or organization, 3D Printed figurines of your team/organization in uniform would make a great keepsake and help raise money!



**Upon scheduling your fundraiser**, Hursto Presto Studios will create your own fundraiser web page to aid promotion at [hurstopresto.jimdo.com](http://hurstopresto.jimdo.com) including a credit/PayPal shopping cart for preregistrations and downloadable promotional materials.

## **Two Types of Fundraisers: Open or Closed**

**Open Fundraiser:** An Open Fundraiser is publicly advertised a least a month in advance and held locally in **Robeson County only** (for now). No preregistration required. The Event Coordinator is responsible for promoting the event.

**You will need a sample to show to help promote your fundraiser.** We can travel to your location for a private scan session at least 2 months prior to your scan event. **Normal scan, print and \$20 travel charge apply.** Your scan fee and 3D Selfie purchase helps pay for your promotional material developed by our studio.

**When your 3D print arrives, you will receive a packet containing custom promotional material to help launch your fundraiser.**

Upon the fundraiser's scheduled date, we will travel to your location and spend 2 to 4 hours scanning your preregistered and walk-in participants.

**Closed Fundraiser:** We can travel to your location for a private scan session of your sports/club/organization preselected members. Preregistration is required via Credit/PayPal. There must be a minimum number of preregistrations required to qualify travel based on location, otherwise the paid registrants can attend a separate scheduled Open House scan session at a later date in Robeson County, NC.

Robeson County: Minimum registrants = 5

Surrounding Counties: Minimum registrants = 10

Outside Counties: Minimum registrants = 15

# 3D Printed Specialties

Your head can be scanned and attached to any 3D printed model! Have your likeness placed on the body of a superhero, a space marine, a roman soldier, a winged angel, scuba diver, etc.

These are a work-in-progress and will be rolled out as they are developed. Check out new 3D Printed Specialties at [www.hurstopresto.jimdo.com](http://www.hurstopresto.jimdo.com)

## Medallion

*Material: Strong & Flexible Plastic*



60mm diameter: \$24

**Design your own Medallion!**

## Figurine Spiral Ornament

*Material: Full Color Sandstone*

70mm height: \$40  
100mm height \$80



*Material: Strong & Flexible Plastic*

70mm height: \$50    100mm height \$90

## Mermaid

*Material: Strong & Flexible Plastic*

4" height  
100mm: \$60



## Space Marine

*Material: Full Color Sandstone*

4" height  
100mm \$80



Your head can be placed on any model!

*Have an idea of your own? Let us know and get it 3D printed!*

# Design Your Own Medallion!

We can help you 3D Print a medallion to celebrate any event!

Just design/draw 2 black and white images in a circular pattern, one for each side, and save both as an image file such as .jpg or .png.

The image must have a black background which will stay flat. The white areas will be extruded from the surface. Once done, just email the two images as an attachment to [hurstopresto@gmail.com](mailto:hurstopresto@gmail.com)



Or we can design the medallion for you.  
Standard rate is \$20/hr.

Great For Fundraising!

**3D Printed Custom Medallion/Ornament**

**Material: Strong & Flexible Plastic**  
**60mm diameter: \$24ea**



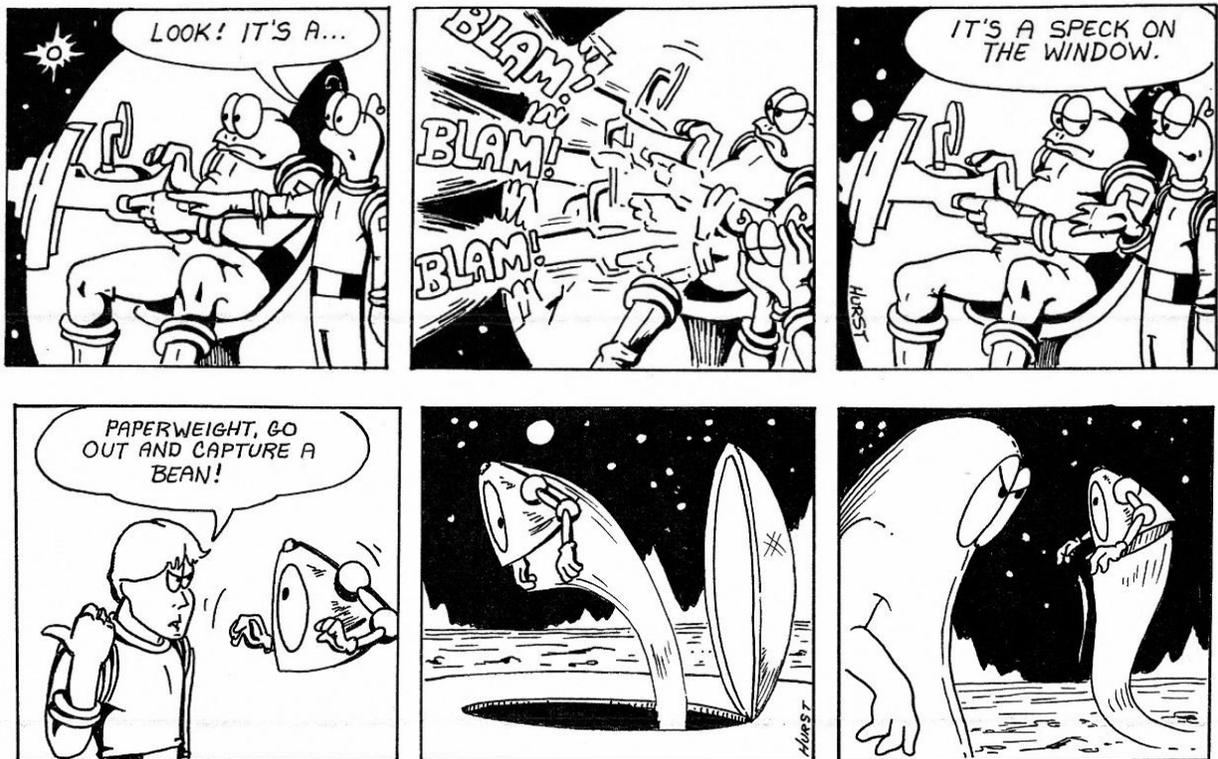
# Paperweight



Back in 1987 while in the Navy, Jim Hurst created a newspaper styled comic strip about a cone shaped robot called Paperweight.

See all 29 strips at [hurstopresto.jimdo.com](http://hurstopresto.jimdo.com)

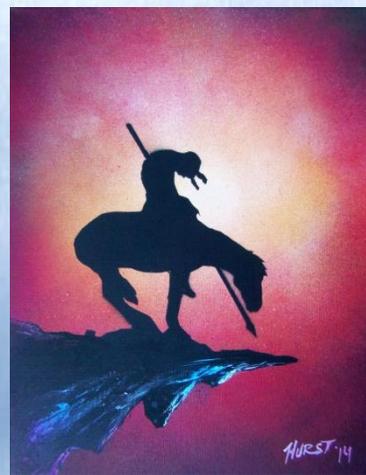
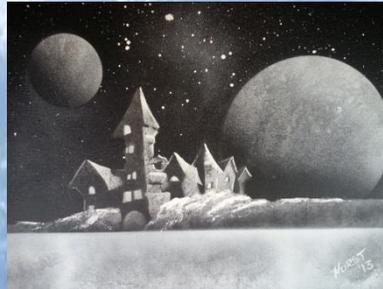
Then order your own 3D printed Paperweight robot!



# ***Paintings***

***Before 3D printing, Jim Hurst was a prolific oil painter with recent work involving Spray Paint.***

***Available for you are prints of his art.***



***Order your prints at  
[hurstopresto.jimdo.com](http://hurstopresto.jimdo.com)***

*HURST*



Hursto Presto Studios  
Hursto Presto Studio 3D Printing

## **Hursto Presto Studios**

<http://hurstopresto.jimdo.com>

[hurstopresto@gmail.com](mailto:hurstopresto@gmail.com)

