

# 3D CRYSTAL

where art meets science

Corporate  
Catalog



Riyaz

## Who We Are

We are a team driven by perpetual innovation. **Our founder Riyaz, has always believed in consistently raising the bar.** As such, over the years, we have written mind blowing software called cockpit3d, built unique technology, and grown the industry by servicing not just our clients, but entrepreneurs wanting to enter the exciting world of 3D Crystal. **We currently service over 1100 outlets globally.**

Throughout this catalog, you will see examples of work done for respected companies, celebrities and dignitaries. The key take away message for our clients is the following:



### Purchasing from us **Guarantees**

#### 1 THE BEST QUALITY

You know why? Because we wrote the software called 'Cockpit3D' ([cockpit3d.com](http://cockpit3d.com)) used by industry professionals for manipulation of 2D images to 3D point cloud models.

COCKPIT 







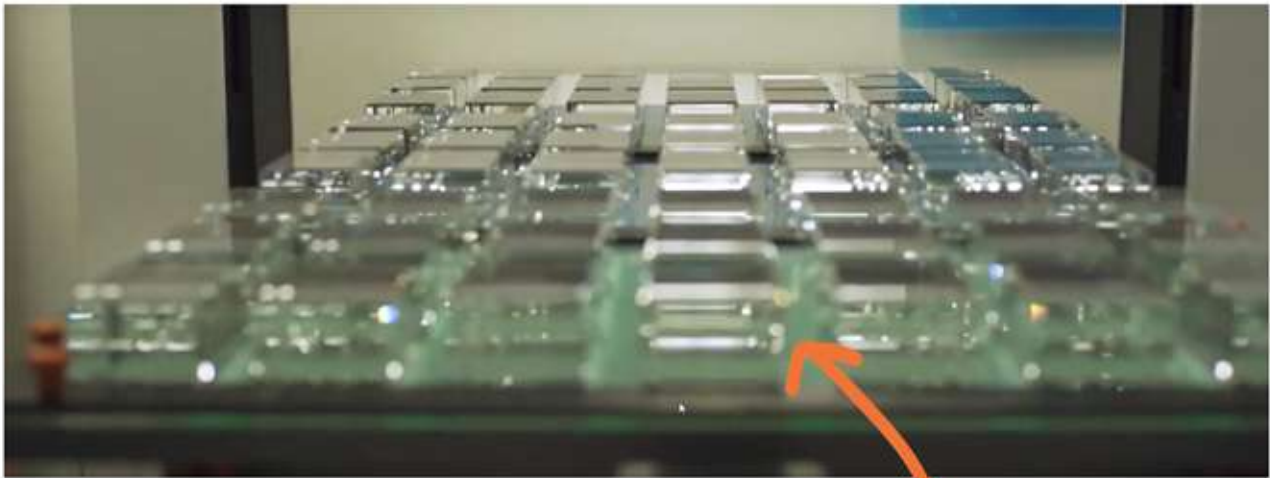
## 2 THE BEST PRICE

We've designed and coded software for our own lasers and we have our own team of 3D artists working for us as well as for other laser companies who contract out to us. We also supply numerous awards suppliers with raw materials. Hence, purchasing from us means you are purchasing from the original source.



## 3 PEACE OF MIND

We provide digital previews to ensure you LOVE what you are ordering prior to ever sending it to the laser. As well, we have 3 shifts working 7 days a week (YES weekends too!) **in order to meet demands from clients in different time zones.**



## 4 NO PROJECT IS TOO LARGE

Proudly, **we run one of the largest subsurface laser tables in North America** capable of burning well over 100 units in one run. We are also capable of sub surface laser etching glass as large as table tops!



**5** PLENTY OF INVENTORY FOR LARGE RUNS

We have sufficient stock (thousands of sqft) to not only handle your orders, but to supply the trade and other laser operators with raw materials.





# The Order Cycle

## STEP 1

**Contact us** first with a simple jpeg image of what you have for us to work with. It might be a logo, a product part, even an image of a person. Provide us with any thoughts you might have for the project. Feel free to phone, email, or Live Chat with us directly on our website.



1.800.990.4010



3d@3dcystal.com



www.3dcystal.com



## STEP 2

We will send you a **digital preview** prior to order confirmation. That's right! We will work on the project so you have something to show your team. At this stage there is no commitment required on your part. You can advise us of the changes you would like to see and we will gladly send you mockups until you have the final version that you want to proceed with.

## STEP 3

The entire process is kept light and fun. The coolness of melding science with art and creating something that once existed only in the mind's eye is unparalleled and rewarding. **Once we have your final approval we complete the process of baking the textures into the file to make it look super real and HD in crystal.** For those who are familiar with 3D Crystals we use tight point spacing of .07XYZ unlike most competitors who spread the points thin making their models less dense. This enables us to produce a final output that is striking.



3DCRYSTAL

OUR COMPETITOR

# Case Studies

## THOR GLOBAL



CLICK HERE TO WATCH

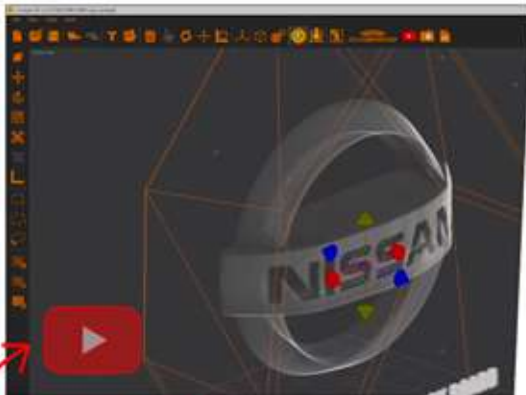


**The assignment:** To use an existing 3D file the customer had of their equipment, and reproduce a high quality 360 representation in crystal.



**The process:** Digital previews were provided. Upon confirmation the client ordered 1 piece. After seeing the quality, he ordered 29 more for a total of 30 to be presented at their dealer conference.

## NISSAN



CLICK HERE TO WATCH



**The assignment:** To take a flat image of the Nissan metallic logo (simple jpeg from google) and make it into a 3D real representation of their logo floating within solid crystal



**The process:** We modeled and added depth to the flat image. We baked metallic textures directly onto the model and created this years Nissan Dealer Advisory Board award.



# Case Studies

## CARE TROPHY



**The assignment:** To refer to photos of a traditional award made from wood, marble and glass, and recreate it within crystal as a texture baked laser etched replica.

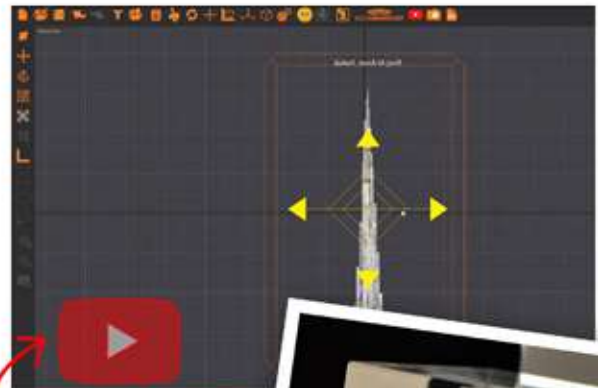


**The process:** We modeled full 360 degree from all sides. The design of wood grains and marble patterns were preserved. The final result looked better than samples the client had ordered from competitors leading to an annual order of 70 units in one of our large mantel sizes for the Victoria Residential Builders Association.

## BURJ KHALIFA



**The assignment:** To create an HD texture baked replica of the Burj Khalifa the worlds tallest free standing structure and give the impression of majestic height within the crystal.



[CLICK HERE TO WATCH](#)

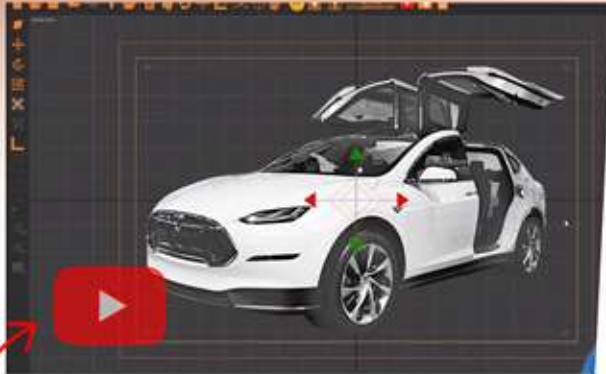


**The process:** We modeled full 360 degree taking into account the textures of glass and concrete from all sides. To give the illusion of height we worked in clouds and positioned them to give a sense of relativity to the structure.



# Case Studies

## TESLA



CLICK HERE TO WATCH



**The assignment:** To produce the Tesla Model X with CEO image in 3D and name title.



**The process:** This is a perfect example of 3D POP, where we take a jpeg image and give it a 3D effect that looks best when viewed from the front of the crystal. It is cost effective and has an incredible WOW factor. This one was shipped direct to the desk of the CEO.

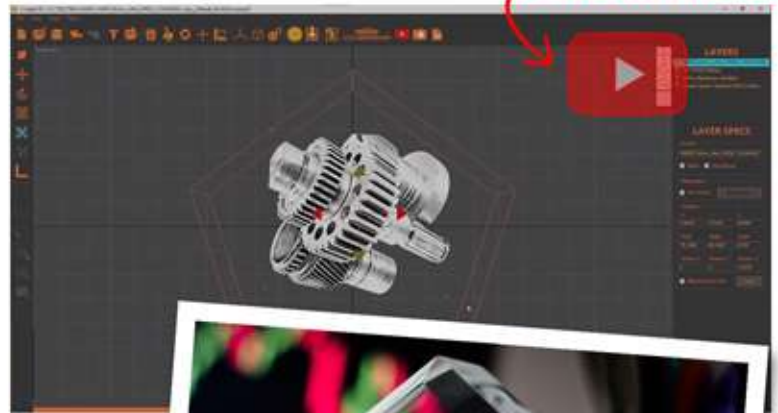
## METALLIC GEARS



**The assignment:** To design 3D Pop of metallic steel gears.



**The process:** Another great example of 3D POP, where we take a jpeg image, maintain textures, and give it a 3D effect that looks best when viewed from the front of the crystal. These produced quite an impression when displayed and handed out at the client banquet.



CLICK HERE TO WATCH





# Case Studies

## BISON



[CLICK HERE TO WATCH](#)



**The assignment:** To design a 3D Effect of a logo using our vector pull technique.



**The process:** For this project we converted the logo provided into a vector line drawing. We then gave it depth and applied shading techniques to make the logo appear as a solid object within the crystal. It resulted in a striking award presented to 60 deserving employees.

## EQUESTRIAN



[CLICK HERE TO WATCH](#)



**The assignment:** To produce an HD Crystal Award of a 3D Horse



**The process:** We meticulously modeled both the horse and the rider to appear as though they were jumping right out of the crystal. Created as 3D 180 POP, the effect looks superior when the crystal is viewed from the front and has the illusion that the horse is jumping right out of the crystal. This made for a unique award that riders will cherish not only the moment they receive it, but for many years to come.

# Case Studies

## MASONRY ADVISORY COUNCIL



**The assignment:** To produce a 3D POP image of various buildings / Masonry projects.



**The process:** The goal was to have an award with the Masonry project building being the focal point, and the category + recipients name + councils logo laser etched around it. The gift givers loved the elegance of displaying 100 Mantel pieces on the front table and the impression it gave to all the attendees seeing the 3D Crystals glowing in the front. It was **magical**. The recipients loved them so much that the council has made 3D Crystal their annual choice for awards.



# Case Studies

## DONNY AND MARIE OSMOND



**The assignment:** To produce 125 crystal pieces for a special Grand Finale Concert at the Flamingo in Las Vegas.



**The process:** Time needed in hands: Within 48 hours of order confirmation  
The logistics: Order confirmed at 10.15pm on Wednesday. Project loaded on laser tables by 11PM. 15 hour burn time, project completed by 2PM on Thursday. Crystals polished, gift boxed, and securely cased by 4.30PM. Fedex picked up at 5PM Overnight air, the project was delivered 9.15am Friday morning. From order confirmation to their hands it took 47 hours (for 125 pieces!). Arrived 1 hour earlier than the deadline.

**On budget, On time. - signed, sealed, delivered.**

# Celebrity Recognition

## MARIAH CAREY



**Back stage in concert**  
presentation of 3DCrystal to  
**Mariah Carey** by Riyaz

## GABRIEL MACHT

STAR OF TV SERIES 'SUITS'



**On set presentation** of 3DCrystal  
to Character **Harvey Specter** by  
Riyaz



# Celebrity Recognition

**WARREN BUFFET**

**FOUNDER BERKSHIRE HATHAWAY**

3555 KIEWIT PLAZA  
OMAHA, NEBRASKA 68131  
BHI-100

OMAHA  
NE 680



AMANAH DATOO

11 WESTBROOK STREET, UNIT 10  
SCARBOROUGH, ONTARIO  
M1B 2Y9  
CANADA  
416 291 1888

NOT A RECENT LIKENESS\*



Dear Amanah

Your father sent me a very nice present & I got busy & failed to promptly thank him. So do me a favor & thank him for me. I understand that you are a very nice & bright young girl. Best wishes,  
Uncle Warren

\*FOR OBVIOUS REASONS



Special hand written acknowledgment from Warren Buffet for this special project of a 3D Crystal of **Warren and his close friend Microsoft founder Bill Gates.**

# Celebrity Recognition

## BARACK OBAMA FAMILY CRYSTAL

THE WHITE HOUSE  
WASHINGTON

March 2, 2015

Mr. Riyaz Datto  
Thornhill, Ontario

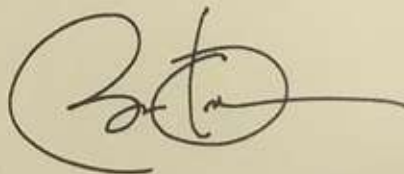
Dear Riyaz:

Thank you for your thoughtful gift. Please know I am touched by your warm gesture.

Today, we are in extraordinary times, with extraordinary opportunities, and more than ever, the futures of countries and peoples are intertwined. As we embrace our shared future, I look forward to what can be accomplished when our nations work to build a brighter tomorrow.

Again, thank you. I wish you all the best.

Sincerely,



Special letter acknowledgement from President Barack Obama on a unique 3DCrystal piece made for his family as well as of their dog 'Bo' gifted to him by the Prime Minister of Canada

THE WHITE HOUSE  
WASHINGTON, DC 20502





# Celebrity Recognition

## KEVIN O'LEARY FROM SHARK TANK

(ABC PRODUCTION NETWORK)

Kevin O'Leary from ABC's Shark Tank weighs in on 3D Crystal as **industry leaders** for corporate and personal gifting.



[CLICK HERE TO WATCH ON O'LEARY](#)

## FRANCE BASTILLE DAY CELEBRATION INVITE



Riyaz

3D Crystal founder Riyaz personally autographing Limited edition 3D Crystals in France for the Bastille Day celebrations

# Celebrity Recognition

## STEVE WOZNIAK (CO FOUNDER OF APPLE)

We were honored to hear from Apple's co-founder Steve Wozniak and his excitement for the 3D product and what we are able to do from digital photos to make unique keepsakes.



[CLICK HERE TO WATCH](#)

## HEMKY MADERA (STAR OF NETFLIX QUEEN OF THE SOUTH)

Its always fun to work on projects for the stars. Here's a message from Hemky to the 3D Crystal team.



[CLICK HERE TO WATCH](#)



# Celebrity Recognition

**MARTIN KOVE** (STAR OF KARATE KID AND NETFLIX COBRA KAI)

Martin Kove sends a special message to the 3DCrystal team with iconic "No Mercy" motivation in this classic video address. Check it out!



[CLICK HERE TO WATCH](#)

**LINDSAY LOHAN**

American actress Lindsay Lohan enjoyed a photo of herself and her furry friend made to 3D and laser etched inside crystal.



[CLICK HERE TO WATCH](#)

# Business Excellence Award

## BUSINESS EXCELLENCE AWARD

3D CRYSTAL TEAM ON STAGE WINNERS OF THE BUSINESS EXCELLENCE AWARD



This **prestigious award** recognizes the **hard work and talent behind 3DCrystal**, not just of the product and the innovation behind it, but also the business model that encourages new entrants and entrepreneurs to use the 3D Crystal infrastructure to start and run their business.

## MAYORS AWARD



3D Crystal founders recognized by the Mayor at the annual Gala for **strong growth and technological achievement**.





# Business Excellence Award

## ASPIRE AWARD



3DCrystal was proud to be the winner of the Aspire award for achieving great heights in ingenuity, customer service and quality of workmanship.



## INNOVATION AWARD



**Our philosophy is to live and breathe perpetual innovation and continuously raise the bar.** This leads to year over year movement in further enhancing product output and overall quality for our customers, as well as the many business owners who rely on our production infrastructure to support their business. For this reason 3DCrystal was recently awarded the Innovation Business Award

# Business Excellence Award

FEDERAL GOVERNMENT INVITE AND RECOGNITION



Office of the  
Prime Minister  
Cabinet du  
Premier ministre



Office of the  
Prime Minister  
Cabinet du  
Premier ministre



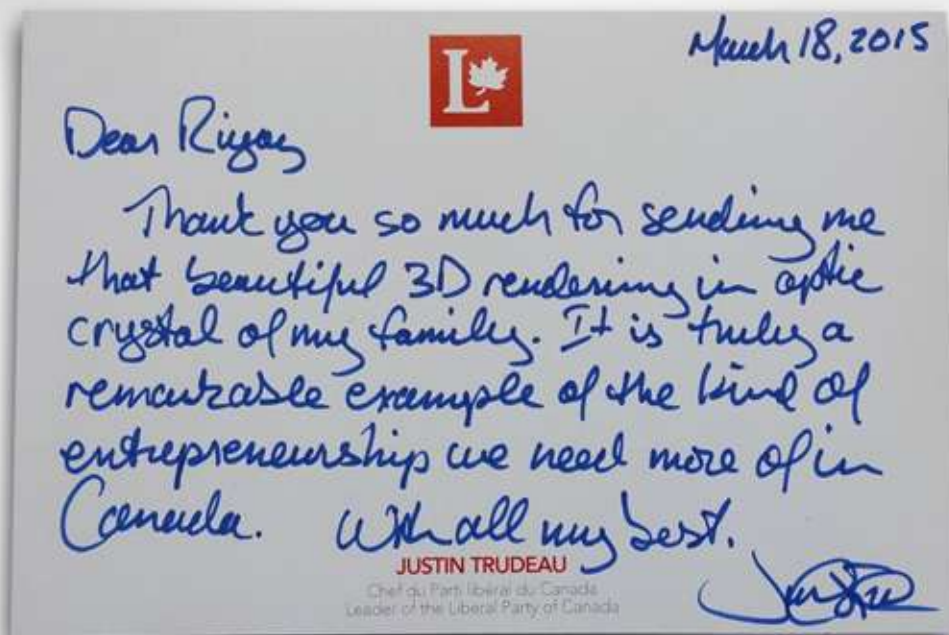
Office of the  
Prime Minister  
Cabinet du  
Premier ministre

Recognized as a **business gone global** while maintaining manufacturing in North America, Riyaz and Saleha Datoos were invited to Center block and recognized by the Prime Minister of Canada.



# Business Excellence Award

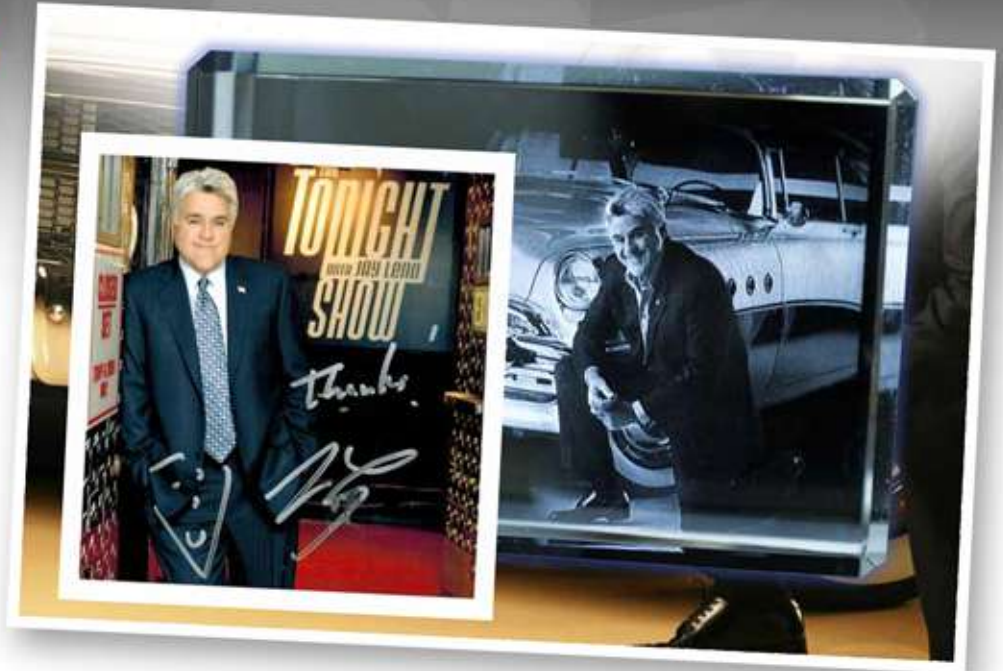
FEDERAL GOVERNMENT INVITE AND RECOGNITION



The 3DCrystal team was also acknowledged by the successor of PM Harper, **Prime Minister Justin Trudeau** for the uniqueness of what we do.

# Business Excellence Award

## JAY LENO PROJECT



Former NBC Tonight show host Jay Leno was thrilled to personally chat with Riyaz in a phone call to express his emotion on a special 3D Crystal project we worked on.

## 3D Crystal Global



Competition is healthy,  
**Collaboration**  
is healthier.

*Riyaz*

— Riyaz Dattoo founder 3D Crystal



Our leader has made it our mission to **help entrepreneurs set up their businesses in the 3D Crystal space globally**. From offering final product production to technology and training, we have helped business owners set up and build their successful businesses internationally.



# Pursuit Collection



From bustling cities to mountain tops, we leave no stone unturned. 3D Crystal was thrilled to launch 3D Crystals as a unique keepsake on the mountains reached by scenic gondola adventures, to Glaciers in partnership with Pursuit collection.

## Cashman Las Vegas



**Our software called cockpit3D is the engine of the 3DCrystal business in Las Vegas started by the Late Morgan Cashman.** Our infrastructure helps push out tens of thousands of 3D Crystals per year in hotel Lobbies across the famous strip.



# MGM Studios Niagara Falls



3D Crystal in conjunction with MGM Studios, the Crown Plaza and Sheraton in Niagara Falls, created a brilliant 3D experience for visitors and guests from around the world.

## CN Tower



The CN Tower has been a respected partner for 3D Crystal for over a decade offering an exciting 3D experience at North America's tallest free standing structure.





# Photo Studios



The 3D Crystal team takes care of the majority of 3D memories preserved in crystal for photo studios across North America. Our founder has spearheaded the project for **these studios who now sell tens of thousands of 3D Crystals per year.**





# Ripley's



Always a destination that amazes its patronage, Ripley's has been a great seasonal project for making customers go WOW when they see their own images laser etched in 3D Crystal

## Cineplex – The Rec Room



An entertainment destination, our collaboration with new initiatives presented by Cineplex has resulted in a 3D experience alongside arcade and social outings at The Rec Room.



# Wholesale Partners



Bill has become a great advocate of 3D Crystals amongst corporate clients and the promotional products industry. He visited our founder Riyaz at the 3D Crystal head office, and is **our eldest wholesale partner at the age of 83.**

## FotoPulse Europe



1000+ 3D Crystal outlets across Europe rely on our Cockpit 3D software / artist solution to run their operation. Our founder met with the in London England to kick start their operation which has grown leaps and bounds. He presented them with our framed personally signed \$100 metallic dollar bills.



# Wholesale Partners - 3D Twist



Riyaz personally visited our Chicago wholesale partners Terry and Madi to recognize them for their achievements in wholesaling 3D Crystals

# Wholesale Partners - Crystal Awards



Riyaz presents Dave Kallay the iconic autographed metallic \$100 framed bills as a special welcome to 3D Crystal as he opened his store in one of the busiest malls in Canada, Vaughan Mills.



## Terms and Conditions:

### Pricing

All pricing in this catalog is quoted in USD. Pricing is subject to change without notice.

### Tolerance

All projects are subject to a 5mm tolerance due to the custom cut and polish of the crystal pieces.

### User Supplied Information

3D Crystal has no interest and does not want to receive confidential or proprietary information. You agree that any material, information, or data you transmit to us will be considered non-confidential and non proprietary. If you supply any information or material through our site, email, OR published contact phone numbers in this catalog, you guarantee to us that you have the legal right to provide such material, and that it will not violate any law or the rights of any person or entity.

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# 3D Design Fees

HERE'S HOW IT WORKS



If you are ordering 180 '3D POP' or 'Vector Pull' 3D (see sample case studies above to understand what these look like), there are no artwork fees. The first piece will always be charged the first column price and the discounts will then be applied on the second piece onwards. If you have a 360 file that you want us to use, we will try to import it, in which case there are no additional fees. If you need us to design 360 from multiple images provided we will quote you on the artists time to model from scratch as well as advise the approximate time required for 360 degree 3D modeling.

Please contact us directly for your complementary digital preview as well as for a custom quote on your project.



## Rectangle Tall / Wide



## Prestige Icebergs



## Cut Corner Diamonds



## Hearts



## Tractor Trailer





## Pentagon



## Half Moon



## Tall Pillar



## Earth Globe



## Puck



## LED Keychains

