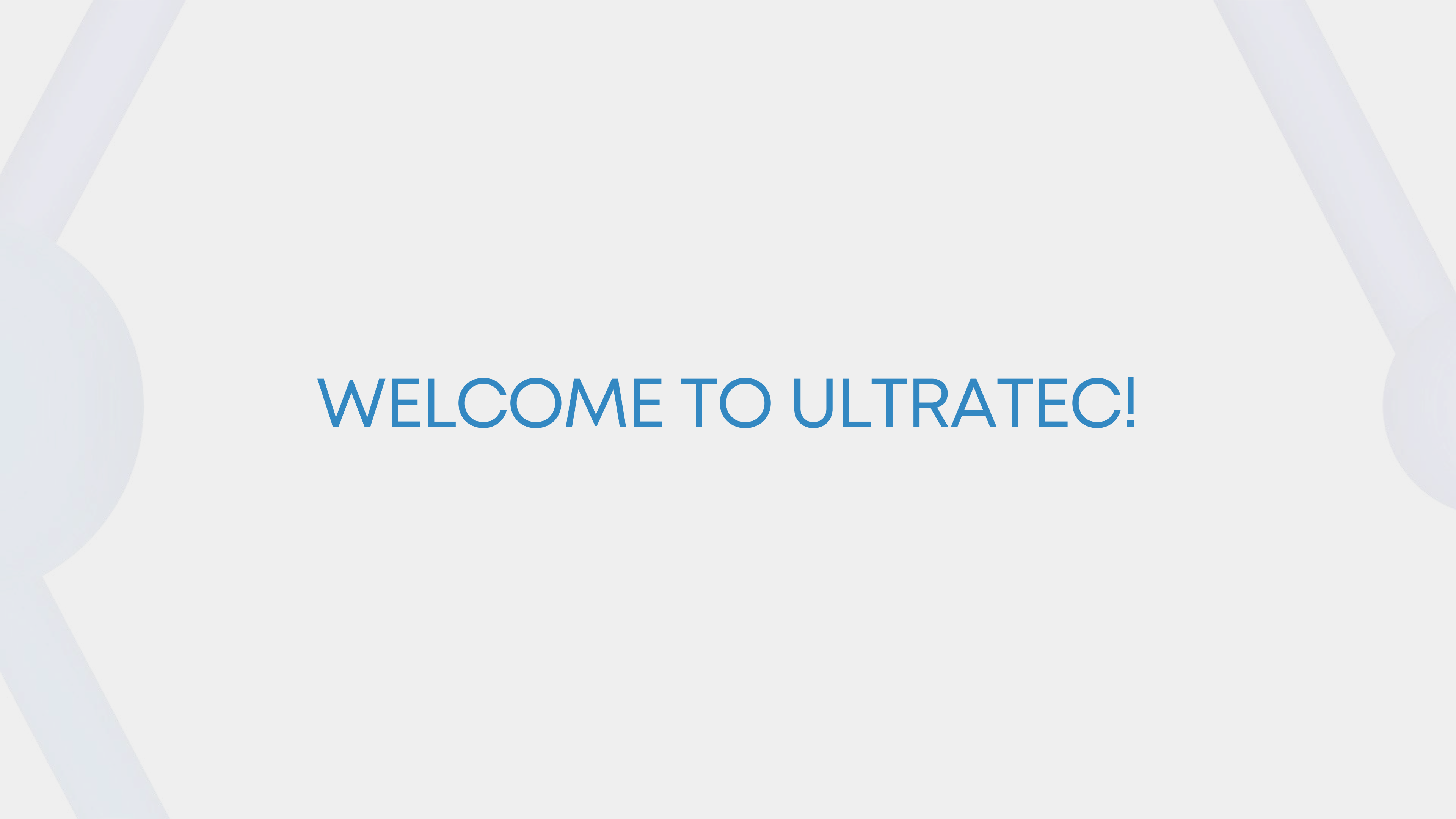


ULTRATEC
3D PRINTING SERVICES

INNOVATING IDEAS, SHAPING THE FUTURE.

COMPANY PROFILE



WELCOME TO ULTRATEC!

ABOUT US

Ultratec 3D Printing is a leader in advanced 3D printing and precision engineering across the UAE, Saudi Arabia, and beyond. With over a decade of excellence, we proudly served clients transforming visionary concepts into tangible masterpieces. From Product Development to Display Models, Prototypes to Mechanical Parts and Luxurious Decorations, we provide flawless finishes with expert painting and detailing.



+10

Years Of Experience



+1000

Projects



+120

Printers



+50

Employees

OUR SERVICES



PRODUCT DEVELOPMENT

We offering end-to-end services—from concept sketches and 3D design to prototyping, iteration, and full-scale production.



ADDITIVE MANUFACTURING

Whether a rapid prototyping or customized designs, our technology empowers you to bring your ideas to reality with speed and accuracy.



DISPLAY MODELS

We craft high-precision display models that showcase ideas with detail, clarity, and impact.



PAINTING & CHROMING

We offer premium painting and chroming services that elevate every 3D-printed piece into a refined, showroom-ready product.



MECHATRONICS ENGINEERING

Top notch engineering skillsets for modelling, simulating complex mechanical and electrical systems to liven the 3d models.



3D DESIGNING & SCANNING

Expert 3D design services tailored to a wide range of industries—from architecture to product prototyping.

KEY CLIENTS

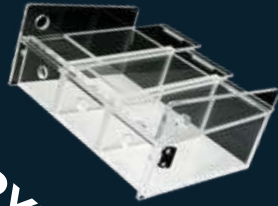


EMAAR



AM & GRP

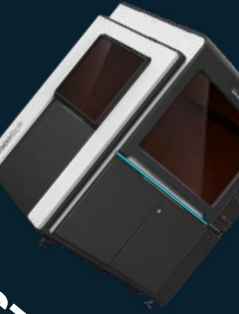
ACRYLIC
FABRICATION



MULTI
JET FUSION



INDUSTRIAL
SLA



STEREOLITHO
GRAPHY (SLA)



STYROFOAM

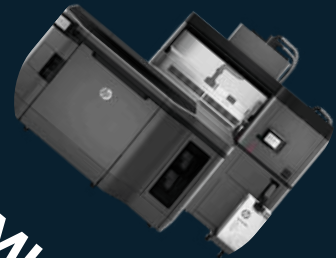


TECHNO LOGIES

FUSED FILAMENT
FABRICATION (FFF)



MULTI
JET FUSION



FDM
PRINTER



SELECTIVE LASER
SINTERING (SLS)



SLS



POLYJET



HIGHLIGHTS



Etihad Train 1:1 Life Scale Model

Unlocking a life size rail model, 9 meters long and 3 meters high. A Monumental Legacy!



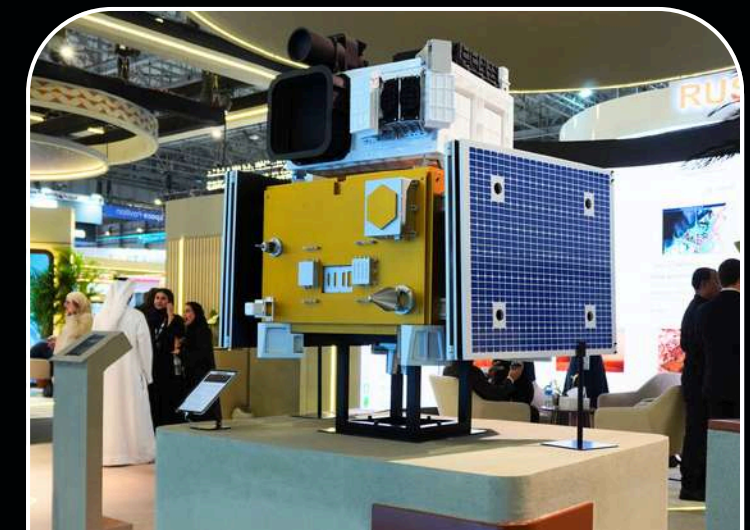
Asteroid Model - Dubai Airshow

A futuristic Asteroid Belt Model made for UAE Space Agency for displaying it at Dubai Airshow 2025 from November 17 to 21.



Urban Loop Mobility Model

A smart, driverless transport system sustainable, efficient, and innovative solution for urban mobility.



Satellite 813 Model

Built to support climate, environmental, and agricultural monitoring through hyperspectral and panchromatic imaging.



Formula 1 Real Size Model

The 3D-printed Formula 1 car boasts an exceptionally realistic appearance, high quality finishing paintwork.



High Pressure Compressor

A fully functional realistic reverse engineered compressor assembled in full scale with lights and motion integration.



Luxurious Restaurant Signage

Artistic signage including treasure scenes & functional rotating plants gear system - Burj Khalifah.



Astronaut and Moon Model

Holding the illuminated moon — A blend of art, light, and 3D design that brings the cosmos within reach.

ETIHAD TRAIN MODEL

A life-sized, 3D-printed model of Etihad Train that was presented at the Global Rail 2025.

Key Features:

- ▶ 1:1 scaled model measuring 9 meters in length and 3 meters in height
- ▶ Latest additive manufacturing technology
- ▶ State of the art exterior painting
- ▶ Detailed interior with 3 different travel class mock ups

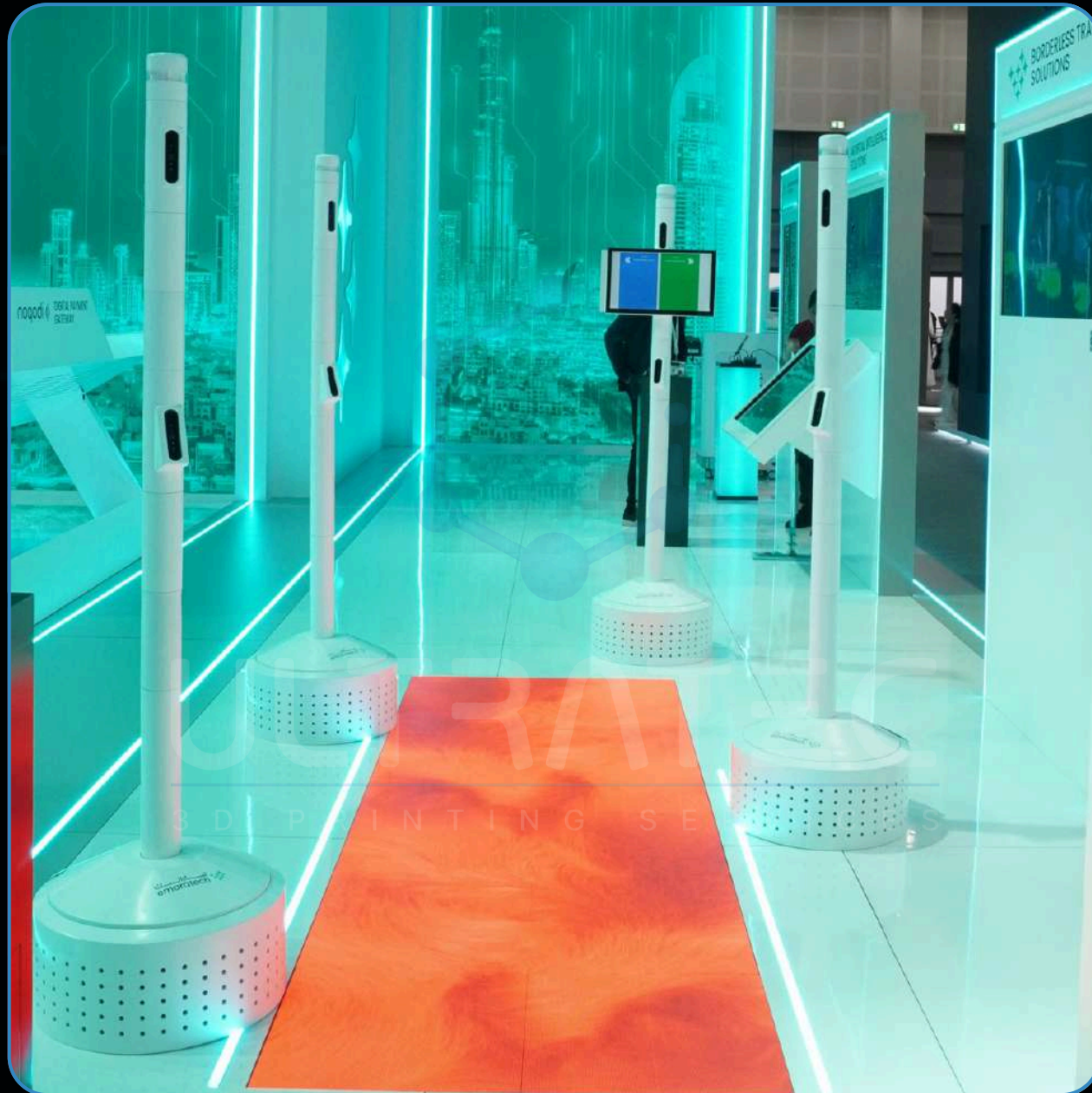


ETIHAD TRAIN MODEL



PRODUCT DEVELOPMENT

Ultratec simplifies product development by offering end-to-end services—from concept sketches and 3D design to prototyping, iteration, and full-scale production. Our integrated process turns vision into viable products, efficiently and affordably.



BIOMETRIC DEVICE STANDS

Custom stands for the biometric devices and integrated screens for the world's first AI-powered "Red Carpet – Smart Corridor" at Dubai International Airport.



FUTURISTIC TECH - HOLDER

3D-printed stands for Dubai Airport that lets travelers pass through Dubai Airport in just minutes. No passport. No waiting.

PRODUCT DEVELOPMENT

Ultratec simplifies product development by offering end-to-end services—from concept sketches and 3D design to prototyping, iteration, and full-scale production. Our integrated process turns vision into viable products, efficiently and affordably.



FERRARI CAR INSPIRED FUNCTIONAL COFFEE MAKER

A custom made Ferrari car inspired coffee making machine is 3D printed and fully mechanically engineered by us. Intended to be used within a corporate office.



ODJFELL WELBORE WATER JET CLEAN UP

From designing to analysis, prototyping, automation integration, testing, and fabrication, we delivered a water clean up solution.

ART PIECES & SCULPTURES

We create bespoke decorative art pieces that blend elegance, creativity, and timeless design. Our creations are not just decorations; they are statements of style, emotion, and sophistication, designed to leave a lasting impression.



BEAUTY IN SILENCE

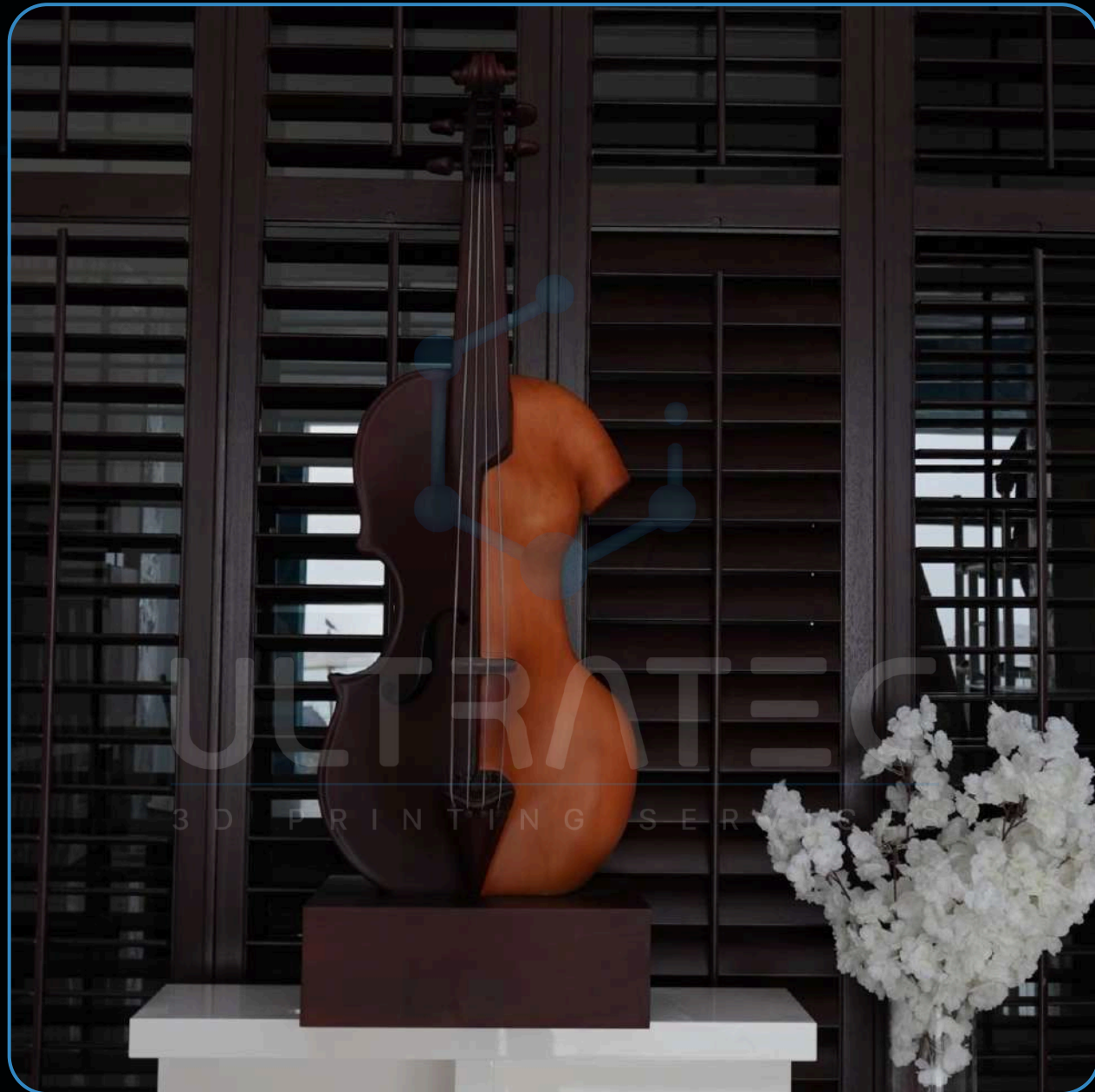
A luxurious 3D printed sculpture for adorned with golden butterflies and gentle florals. Custom design, human sized art piece.



HUMAN BODY INSPIRED VIOLIN

Custom-designed and 3D printed, this high-end violin enhances the premium interior style of a villa in the Abu Dhabi islands.

ART PIECES & SCULPTURES



HUMAN INSPIRED VIOLIN

A human body inspired art piece came to life with 3D printing technology and outstanding finishing.



3D VILOIN WALL ART

This 3d printed luxurious violin is a custom made for a villa in Abu Dhabi Islands adding to the interiors premium look.

ART PIECES & SCULPTURES



QUEEN OF NATURE

This queen inspired luxurious sculpture is a custom made state of the art work. It transforms the ambience and added a premium look to the villa.

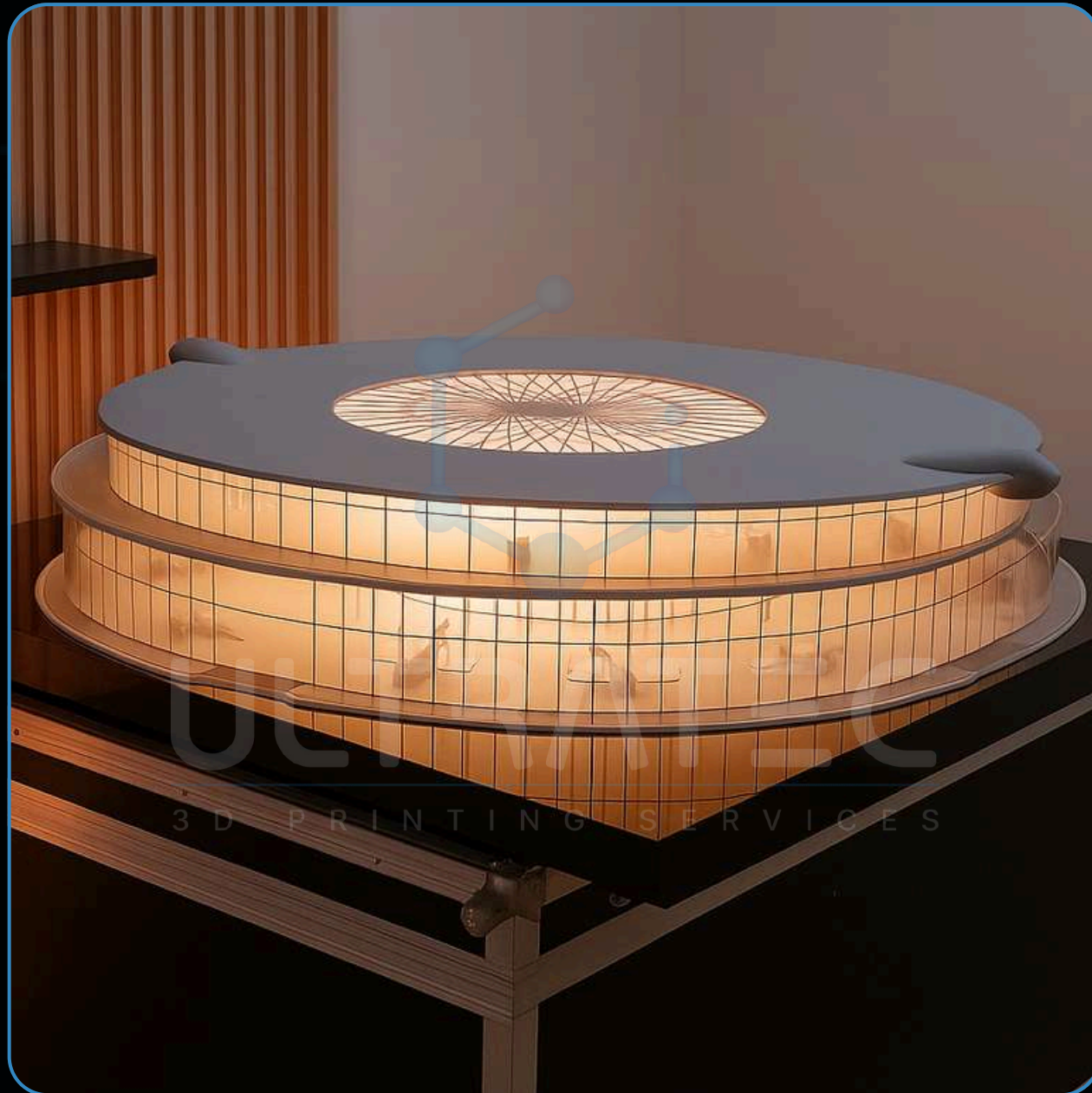


HUMAN AND ZIPPER INSPIRED VIOLIN

This 3d printed luxurious violin is a custom made for a villa in Abu Dhabi Islands adding to the interiors premium look.

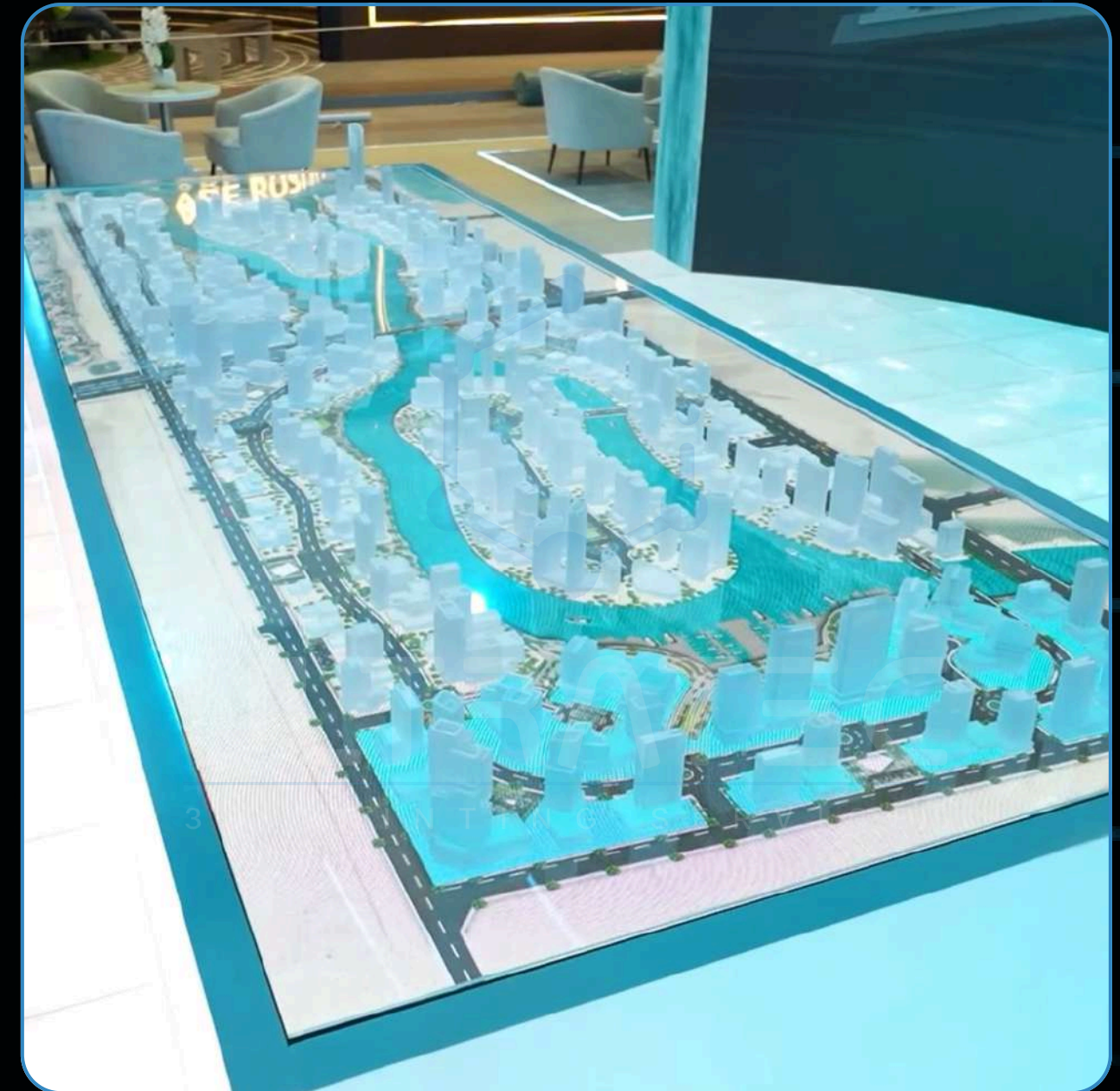
ARCHITECTURAL

Our approach goes beyond aesthetics—we craft environments that are both visually striking and highly practical. Every project is tailored to meet the unique needs and aspirations of our clients, blending artistic vision with thoughtful planning.



AIRPORT MODEL

A luxurious 3D printed sculpture for adorned with golden butterflies and gentle florals. Custom design, human sized art piece.



CITY ARCHITECTURAL MARVEL

A prototype of Alma City has been constructed using 3D-printed miniature architectural structures displayed on an LED screen.

EMIRATES MISSION TO THE ASTEROID BELT (EMA)

Presenting the impeccably crafted 3D-printed model of UAE's EMA Satellite 🛰️ at the Dubai Airshow 2025.

Key Features:

- ▶ 1:1 scaled life size detailed satellite
- ▶ Latest additive manufacturing and aerospace technology
- ▶ Precisely engineered



EMIRATES MISSION TO THE ASTEROID BELT (EMA)



ARCHITECTURAL



CHECKUP LOUNGE

An interactive model floor plan of the Executive Checkup Lounge at American Hospital Dubai.



DUBAI CITY ARCHITECTURAL MODEL

This architectural model showcases the city Dubai. Featuring Burj Khalifa and other known buildings and infrastructures.

ARCHITECTURAL



YAS BAY VILLAGE MODEL

A highly detailed architectural model of Yas Bay Village that shows the vision of the architect in developing not just a village but an experience.



RESIDENTIAL BUILDING MODEL

This residential architectural model showcases the full construction plan of the project where future house owners will have a clear idea of how the project will look like when its done.

DISPLAY MODELS & PROTOTYPES

From concept prototypes to full-scale presentations, we transform ideas into tangible, visually striking models. Experience the impact of meticulous craftsmanship, attention to detail, and cutting-edge technology — helping you communicate designs clearly, impress stakeholders, and elevate your brand.



ETIHAD TRAIN 1:1 SCALED PROTOTYPE

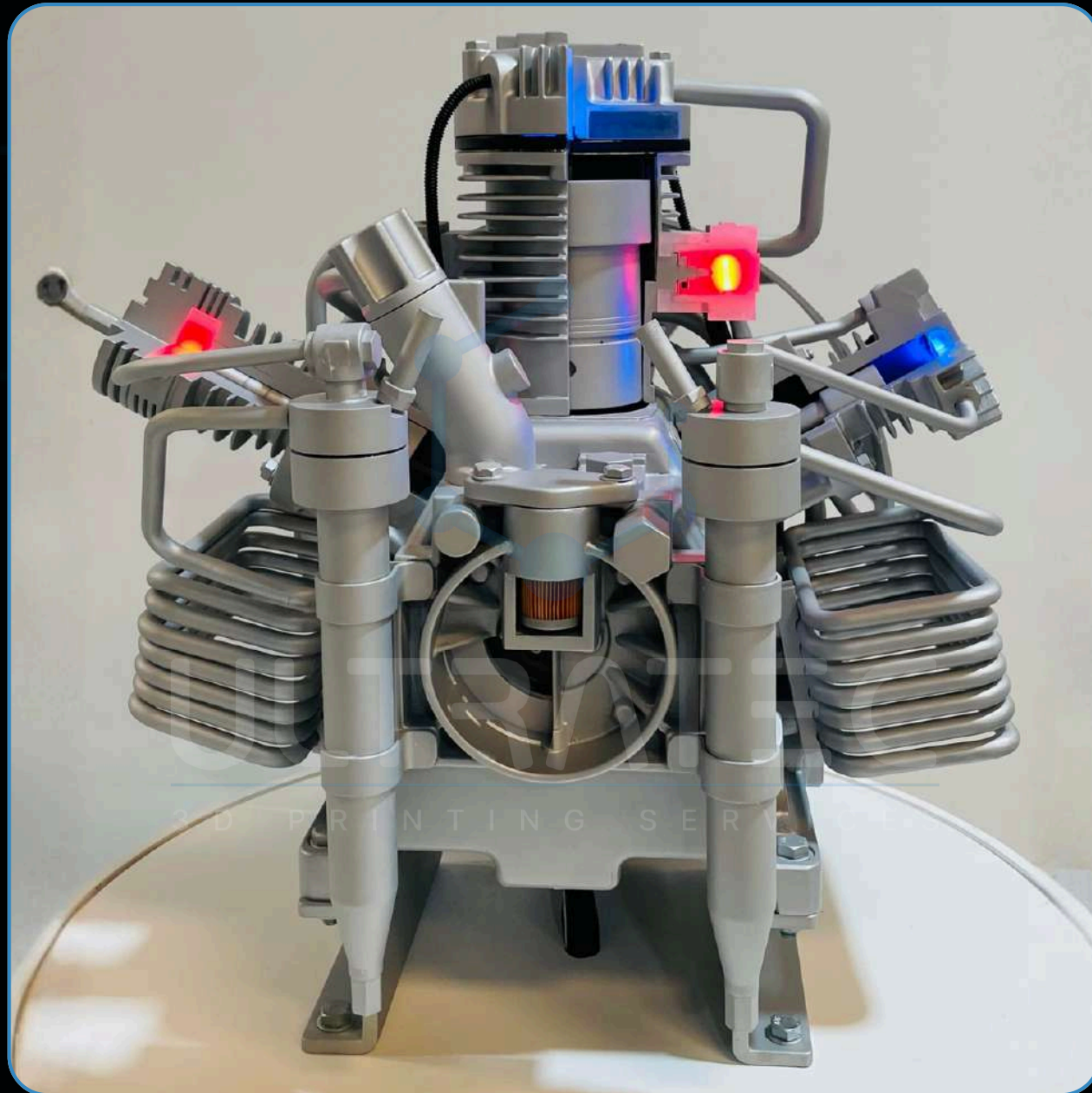
A fully detailed, walk-in experience, engineered at a 1:1 scale to simulate the real train measuring 9 meters in length and 3 meters in height.



URBAN LOOP FUNCTIONAL PROTOTYPE

A model that represents Abu Dhabi's upcoming mobility solution within the city. A life sized, reverse engineered presentation.

DISPLAY MODELS & PROTOTYPES



HIGH PRESSURE COMPRESSOR

Custom stands for the biometric devices and integrated screens for the world's first AI-powered "Red Carpet – Smart Corridor" at Dubai International Airport.



INDUSTRIAL COMPRESSOR PACKAGE SCALED MODEL

A 3D-printed industrial compressor module is meticulously crafted, featuring intricate component displays and a superior level of finishing quality. Also, supplying the lights and the stand.

DISPLAY MODELS & PROTOTYPES



EMIRATES MISSION TO THE ASTEROID BELT (EMA)

A 3D printed demo representation of Asteroid Belts that was launched at the Dubai Airshow 2025.



FORMULA 1 CAR

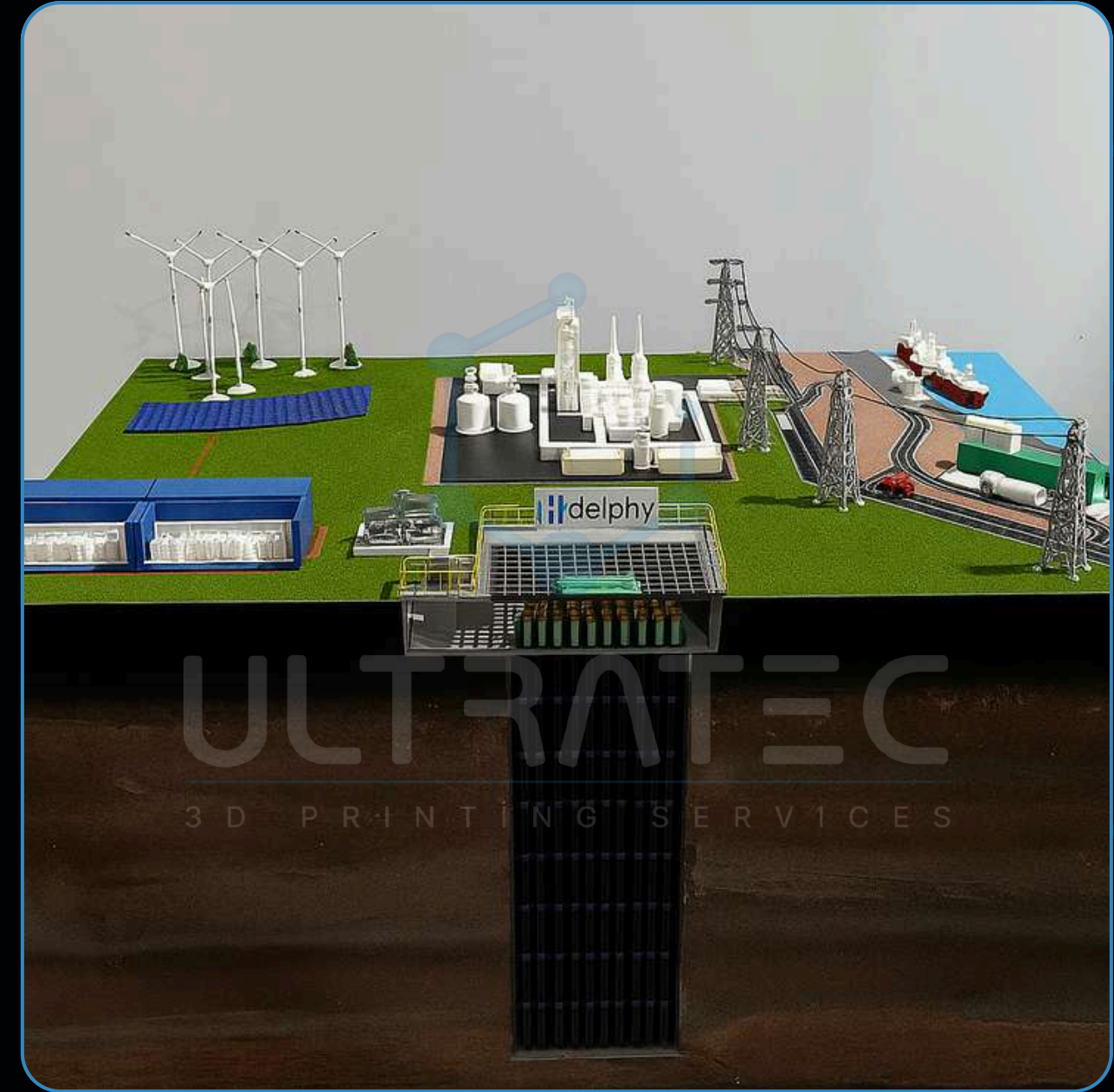
Real model of a F1 car 3D printed, 1:1 life size scaled, precisely engineered and painted for a presentation at the biggest GITEX event.

DISPLAY MODELS & PROTOTYPES



ARMORED VEHICLES MODEL

This armored vehicle, once just a concept, has been transformed into a tangible reality through the power of 3D printing.



VALOUREC HYDROGEN STORAGE

A hydrogen storage, featuring detailed solar panels and wind turbines, illustrating a sustainable and main components for the mechanism.

DECORATIONS

We specialize in creating luxurious decorative solutions that elevate any space. Blending artistry, innovation, and precision to craft pieces and environments that reflect sophistication and timeless elegance.



ATMOSPHERE RESTAURANT SIGNAGE

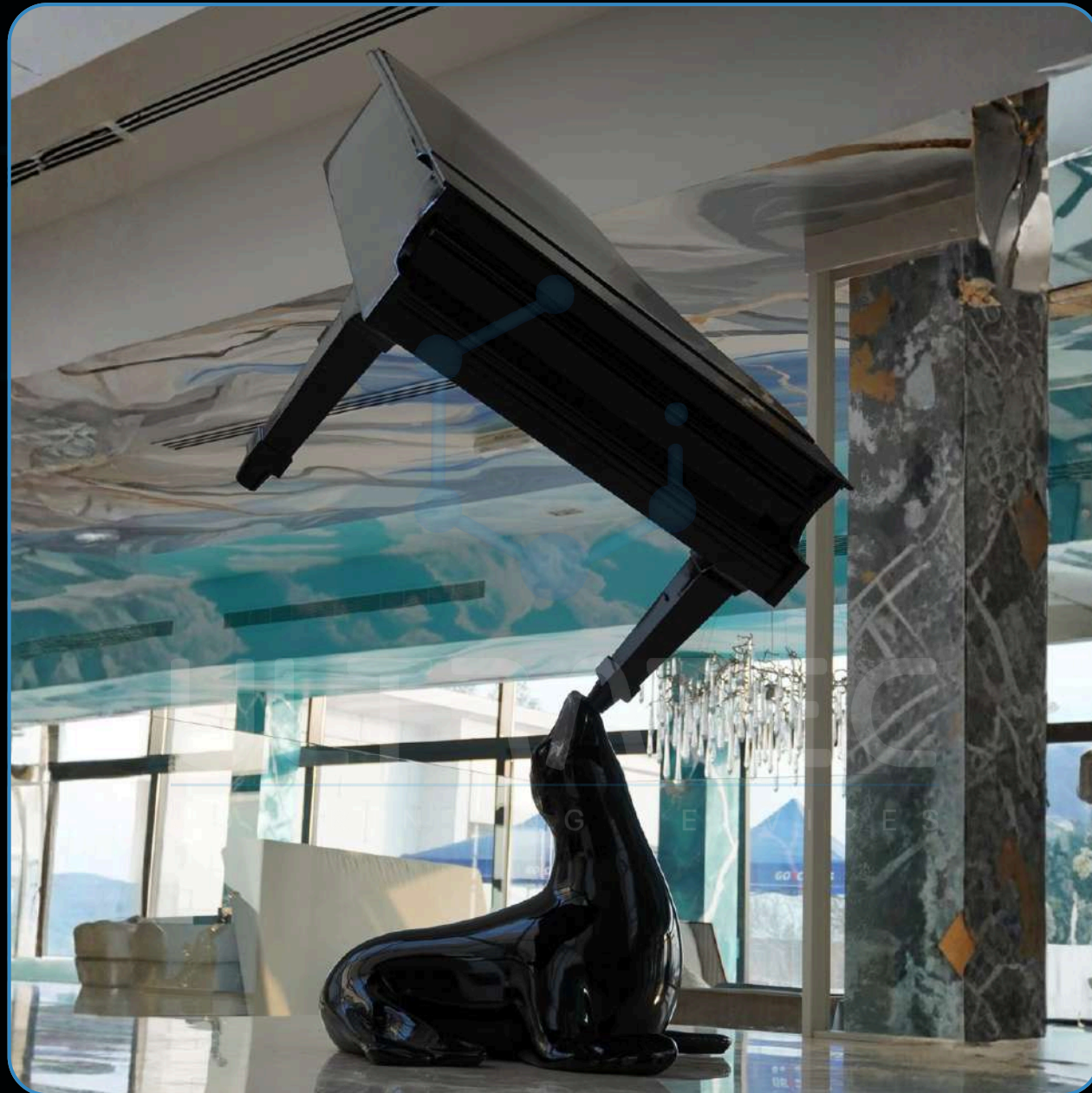
A luxurious restaurant decoration with artistic detailing including treasure scenes & functional rotating plant gear system.



MICHAEL JORDAN

A striking wall sculpture inspired by basketball legend Michael Jordan, crafted exclusively for a high-end sports bar.

DECORATIONS



THE PERFECT HOLD

A grand piano gracefully balanced on a sculpted seal, brought to life through precision 3D printing.



STRINGS OF TRADITION

A 3D inspired dombra of a cultural heritage with a touch of modern luxury.

RESTAURANT SIGNAGE

One-of-a-kind 3D-printed artistic signage for the Atmosphere restaurant's reception desk at the Burj Khalifa.

Key Features:

- ▶ Gold painted
- ▶ High quality finishing and coating
- ▶ Aesthetically appealing and premium look adding



RESTAURANT SIGNAGE



DECORATIONS



DRAGON DECORATION

This bespoke 3D-printed dragon sculpture was brought to life for a luxury 5 star restaurant in Palm Jumeirah, Dubai.



FISH INSPIRED DECORATION

A 3D printed fish inspired wall sculptures made to elevate the look of the 5 star restaurant in Palm Jumeriah.

TROPHIES

By combining innovative design, premium materials, and meticulous craftsmanship, we create awards that are more than just symbols—they are lasting keepsakes that reflect the significance of the accomplishment.



URBAN LOOP REPRESENTATION TROPHY

What begins as an idea on screen transforms into a tangible piece of art — a trophy that truly honors the spirit of the rail industry.



TRAIN REPRESENTATION TROPHY

A replicate of the actual Etihad train came as a trophy. 3D printed, premium painting and detailed train that honor the one's who give it all.

TROPHIES



SWORD AWARD TROPHY

An award trophy that was given to top rankings for different levels. It wasn't only a trophy, it is an everlasting memory.



COMPRESSOR REPRESENTATION TROPHY

A lasting trophy that represents the organizations firm believe in never compromising on quality. They built it in the factory, we put it on their table.

FACTICES

We create precise perfume bottles replicas that showcase every detail, offering impactful tools for display, marketing, and presentation.



EMPORIO ARMANI LARGE SCALE REPLICA

Once a symbol of subtle elegance, now reimagined on a grand scale—this oversized 3D-printed perfume bottle isn't just a replica, it's a bold statement.



BIG SCALE REPLICA DUTY FREE STORE DISPLAY

3D printed artistic life scaled scaled realistic perfume bottles made for a luxury perfume shop at the Dubai AirPort Duty Free Zone.

FORMULA 1 CAR MODEL

Unveiling the latest 3D printing technology and making a bold step forward towards perfection. This F1 car was presented at the biggest GITEX event.

Key Features:

- ▶ 1:1 scaled 5 meter by 2 meters life size detailed racing car
- ▶ High quality finishing and painting
- ▶ Precisely engineered & functional



FORMULA 1 CAR MODEL



TESTIMONIALS

Working with Ultratec on the UAE Space Agency's satellite models was an exceptional experience. Their precision, engineering insight, and dedication to accuracy brought the project to life far beyond our expectations. Every detail reflected a deep understanding of aerospace standards and a commitment to excellence. A truly reliable partner for high-stakes, high-tech projects.

Mr. Salem

وكالة الإمارات للفضاء
UAE SPACE AGENCY



FACTICES



GUCCI BOTTLES REPLICA

A large scaled bottles, 3D printed piece intended to be presented for a product displays in stores.



VERSACE EROS PERFUME BOTTLE REPLICA

Eye-catching replicate perfume bottle model made to transform the store and enhance the brand identity.

URBAN LOOP MOBILITY MODEL

This project is more than a technological innovation—it represents a commitment to smarter, greener cities and was presented at the Global Rail 2025.

Key Features:

- ▶ 1:1 scaled life size detailed mobility model
- ▶ High quality finishing and painting
- ▶ Fully functional “Door Open/Close buttons and LED Lights



URBAN LOOP MOBILITY MODEL



FIGURINES

Whether for personal collections, professional artists, or commercial purposes, Ultratec transforms physical figurines into perfect digital counterparts ensuring that every figurine is faithfully reproduced with exceptional detail and fidelity.



UAE PAVILLIONS

Created 17 personalized figurines for few UAE's most visionary individuals – the UAE Dreamers – including the country's first astronaut, Dr. Sultan Al Neyadi.



MEMORABLE FIGURINE

Every figurine tells a silent story – a captured moment, molded with patience and breathed to life with imagination.

FIGURINES

Whether for personal collections, professional artists, or commercial purposes, Ultratec transforms physical figurines into perfect digital counterparts ensuring that every figurine is faithfully reproduced with exceptional detail and fidelity.



HALF FACED FIGURINES

This half-faced figurines bring together advanced 3D printing and expert artistry to create a truly one-of-a-kind collectible.

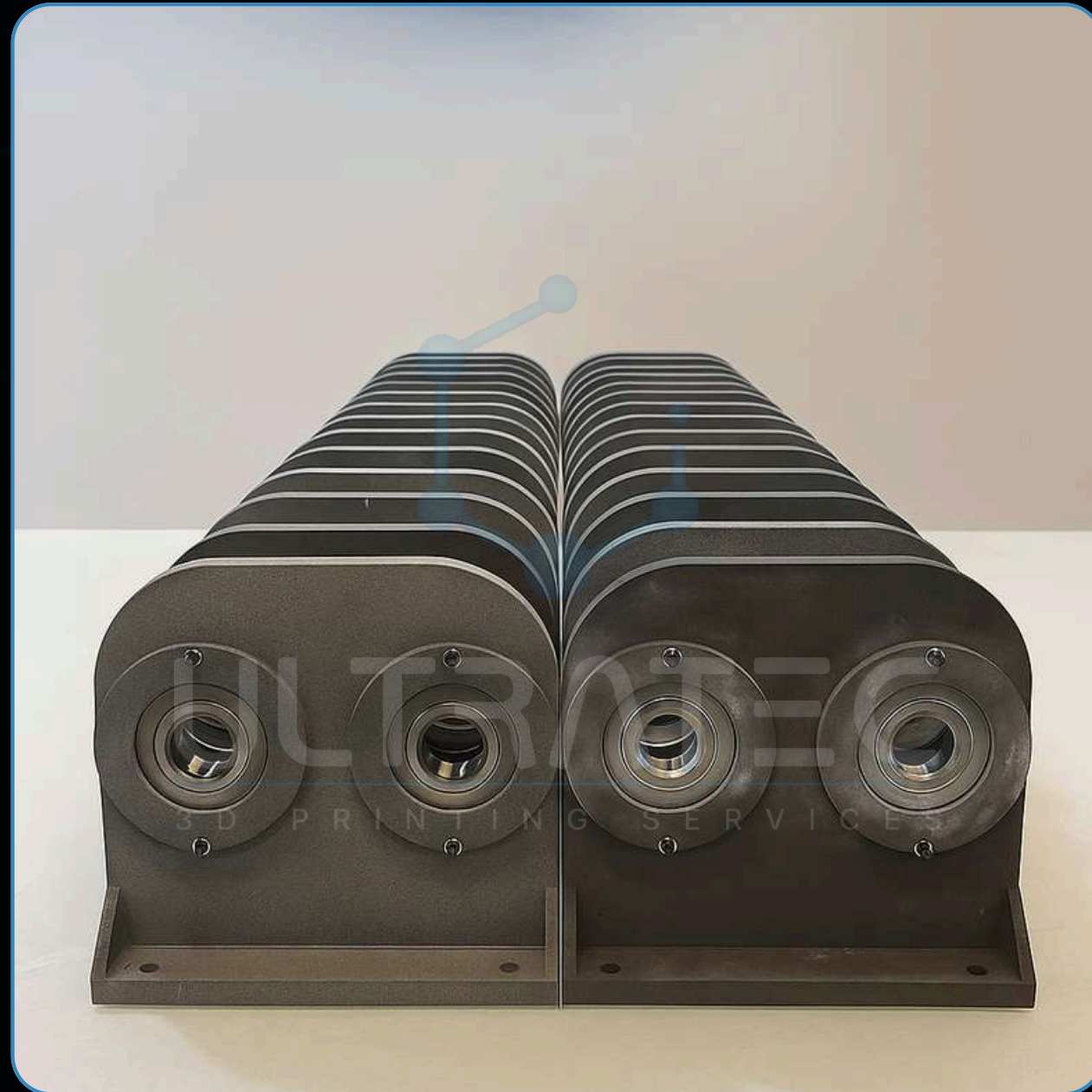


DEADPOOL FIGURINE

A fully detailed, precisely painted figurine of one of our favorite movie characters of all time "Deadpool"

FUNCTIONAL PARTS

Leveraging advanced machinery, innovative production techniques, and rigorous quality control, we produce components that are durable, accurate, and tailored to specific engineering requirements.



MACHINERY PARTS

3D printed heat resistant and durable machinery parts made precisely to fit the machine. Spray painted and drilled as per the specifications.



INDUSTRIAL PARTS

3D printed elbow looking parts where meticulously brought to life to fit in to an industrial machinery. Painted and engraved as per the requirements.

CELESTIAL INTERIOR DECORATION

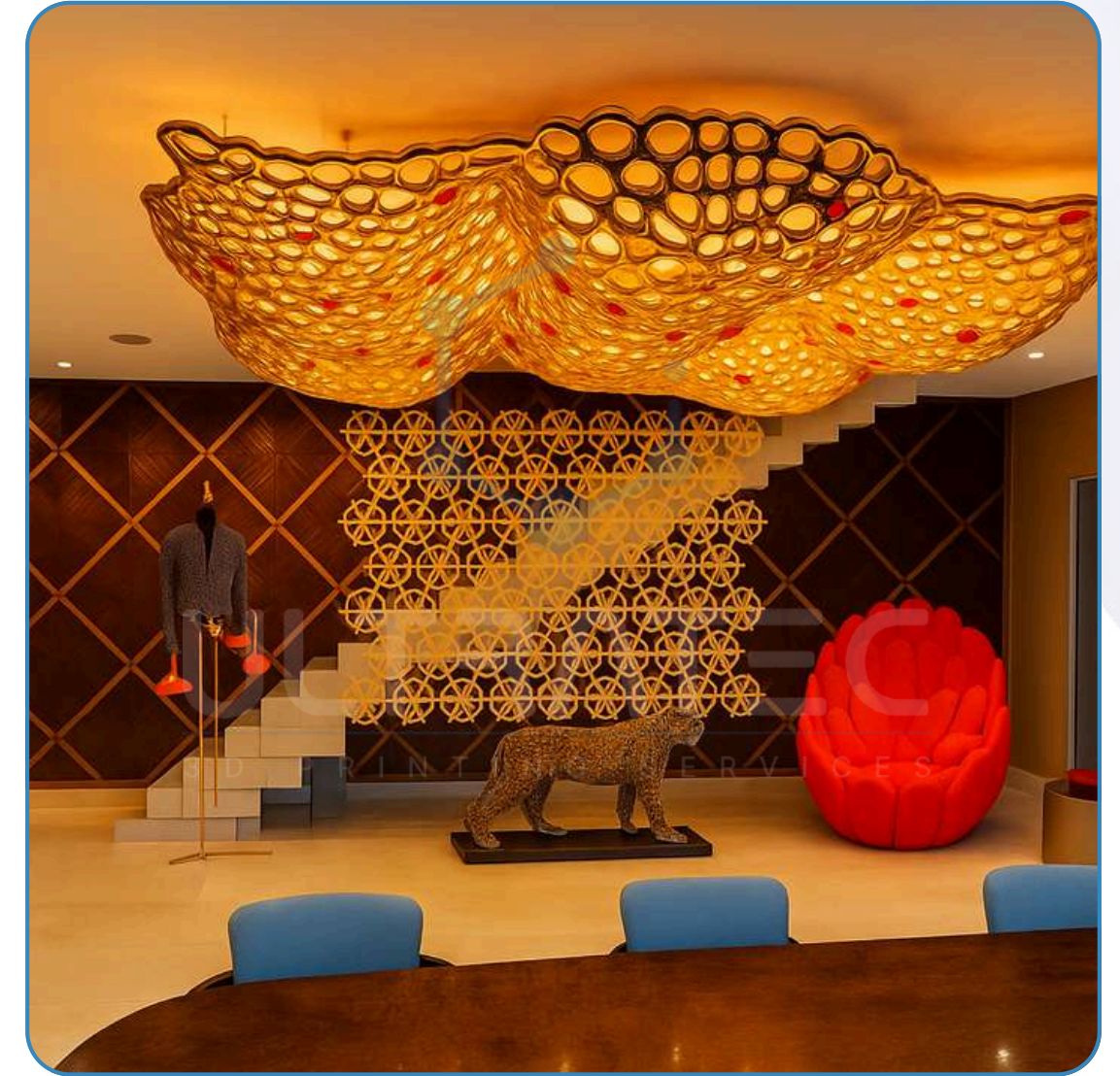
Installed in France, this stunning ceiling was custom-designed to evoke motion, grace, and exclusivity to a visual centerpiece and testament.

Key Features:

- ▶ Gold painted
- ▶ High quality finishing and painting
- ▶ Aesthetically appealing and premium look adding

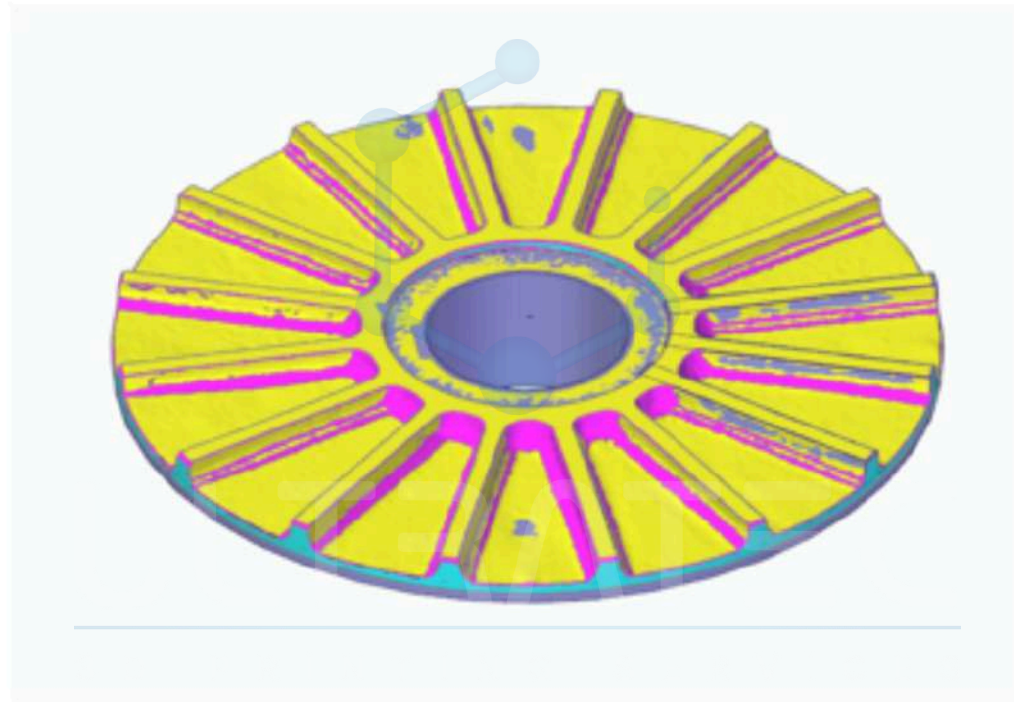


CELESTIAL INTERIOR DECORATION



3D SCANNING

We provide high-precision 3D scanning solutions that capture the exact dimensions and intricate details of any object or environment. Accurate digital replicas that serve a wide range of applications—from product design, prototyping, and reverse engineering to heritage preservation and quality control.



HUMAN 3D SCAN

3D scan of a human, actually translated to a digital form. The scan was used to do a figurine without missing on to the details.



COVER LID FULL 3D SCAN

Transforming the tangible into the digital realm with precision and innovation. A fully detailed scan of a cover lid.

TESTIMONIALS

“Ultratec exceeded our expectations on a challenging project. Their team was highly innovative, proactive, and delivered a practical solution on time without any delays. Their professionalism and commitment made the process smooth and successful. Truly a pleasure to collaborate with!”

Mr. Mohammed



قطارات الاتحاد
Etihad Rail

MESSAGE FROM OUR FOUNDERS



"Our mission has always been clear: to transform ideas into tangible realities with craftsmanship, reliability, and artistry. We take pride in being pioneers of digital manufacturing in the UAE and beyond.

By partnering with us, you'll receive more than just exceptional services. From start to finish, your projects will be handled with the utmost care, and our transparent, efficient communication will give you confidence and pride in your choice to work with us."

— MR. YASIR ARAFEH & MR. HASAN DWEIK



Contact Us Get in Touch



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