

Company Profile

LAYERS
3D Printing & Modeling

About Us

Layers 3D Printing and Modeling is a well-established 3D printing company based in the United Arab Emirates. With our years of experience, we have earned the trust of all of our clients.

We combine cutting-edge 3D printing technologies, advanced materials, and engineering expertise to deliver precision, creativity, and sustainable solutions across industries. We can print your design or design your idea to make real.

Our mission is simple — to empower innovation, make production smarter, and inspire the future of design and manufacturing in the region.

| Our Services



Our Services

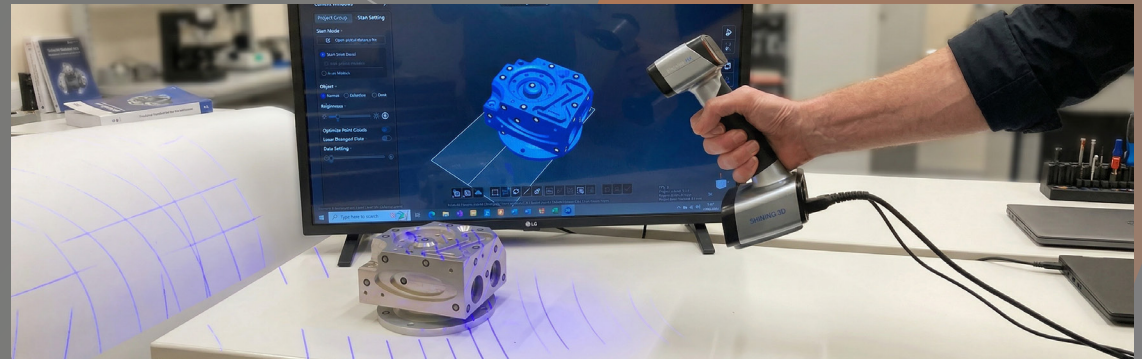
3D Printing Service

We turn digital designs into precise, durable, and high-quality physical products using advanced 3D printing technologies and materials. From prototypes to final pieces, we ensure accuracy, speed, and professional results every time.



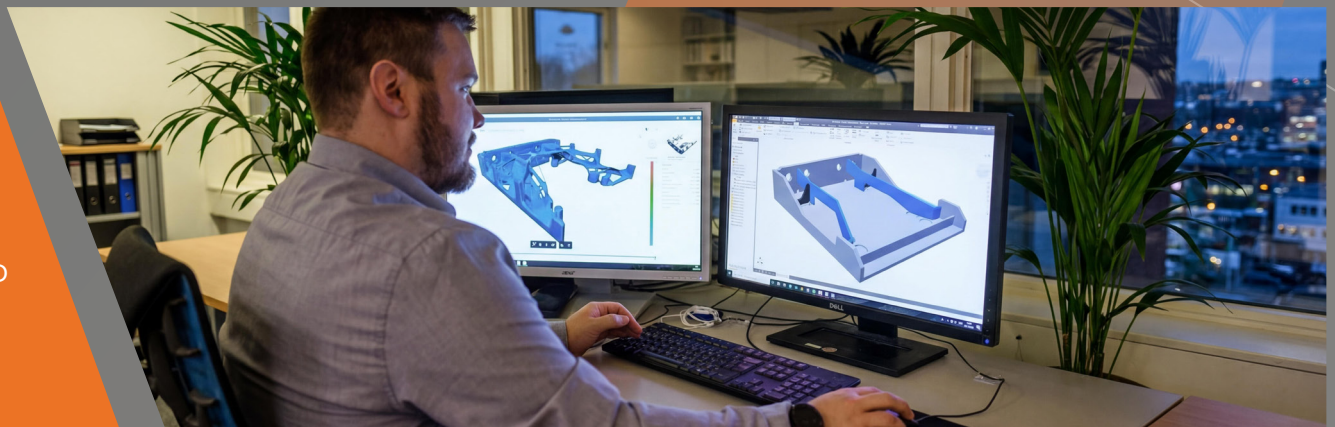
3D Scanning

We capture physical objects with high-precision 3D scanning and convert them into accurate, editable digital models—ideal for reproduction, analysis, and design improvement.



3D Modeling Service

We turn your ideas, sketches, or photos into precise, ready-to-use 3D models optimized for printing, visualization, and manufacturing.



Our Services



Low-Volume 3D Production

We produce small batches of high-quality, durable parts efficiently and cost-effectively—ideal for testing, custom production, and fast market entry.



3D Print Painting & Finishing

We enhance 3D prints with professional sanding, smoothing, and painting to achieve flawless, high-quality finishes ready for display or use.



Additive Manufacturing Solutions

Layers 3D Printing creates strong, lightweight parts using advanced 3D printing and materials like PA12, ABS, and carbon fiber.

We reduce waste, speed up production, and enable complex designs with high performance.

| Industrials



Industrials

3D Printing Architectural Models

We create precise 3D-printed architectural models that showcase designs with exceptional detail and clarity.



Aviation & Aerospace

We provide advanced 3D printing for aerospace, delivering lightweight, strong parts for testing, training, and innovative designs.



3D Printing for Oil & Gas

We deliver durable, custom 3D-printed tools and components that boost efficiency and reduce downtime in oil and gas operations.



Industrials



3D Prototyping & Product Development

We turn ideas into functional prototypes through 3D modeling, scanning, printing, and finishing—delivering fast, precise, and reliable product development.



3D Printing for Trophies And Gifts

We craft custom 3D-printed trophies, gifts, and souvenirs with precise detailing and artistic finishing—perfect for corporate events, competitions, and special occasions.



3D Printing for Art & Interior Design

We turn creative visions into unique 3D-printed sculptures, décor, and installations with precision, durability, and artistic finishing.

**| Our
Technologies**



Our Technologies



FDM 3D Printing

FDM technology creates durable, precise 3D-printed parts from thermoplastic filaments—perfect for prototypes, functional components, and industrial or creative applications.



SLA 3D Printing

SLA creates highly detailed, smooth 3D prints using UV-cured resin—perfect for intricate models, artistic designs, architectural prototypes, and exhibition-quality parts.



SLS 3D Printing

SLS uses lasers to fuse powdered polymers into strong, precise parts—ideal for complex, load-bearing prototypes and industrial components in aerospace, automotive, and engineering applications.

**Our
Partners**



Our Partners



**Our
Project**



Our Project

Commemorative 3D Art Model

A 3D-printed artistic gift for UAE Armed Forces Unification Day, combining precise engineering and fine finishing to celebrate national pride and craftsmanship.



Architectural Scale Model

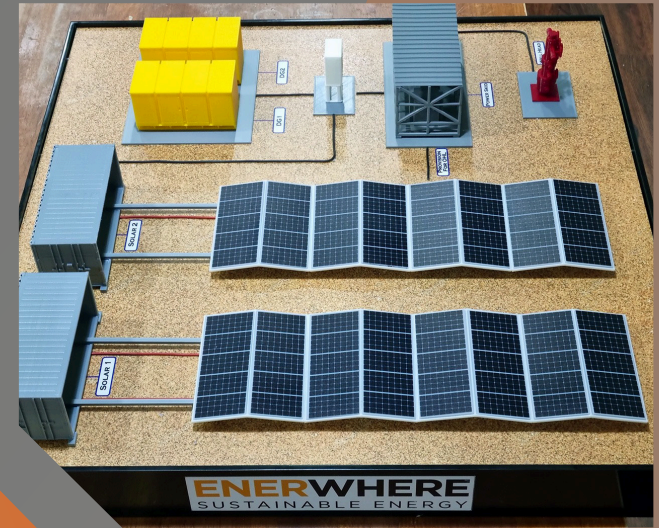
A 3D-printed villa model combining FDM and SLA technologies—turning CAD plans into a precise, detailed presentation tool for client visualization and design approval.



Our Project



A 1m² 3D-printed scale model showcasing a mobile solar energy field—featuring panels, generators, and storage units—designed for exhibitions to present sustainable power concepts.



Solar Energy Field Model

Emdad Company Miniature Model



It is fully manufactured using very lightweight materials and built at one-third of the original size, designed to serve as a distinctive highlight for their booth at the Renewable Energy Exhibition.



Our Project

ETERMAR is a souvenir gift project distributed at exhibitions under the company's name. It reflects the company's identity and strengthens its presence through professionally designed gifts inspired by its products.

Etermar Souvenir Identity



Etihad Rail VIP Souvenir Box

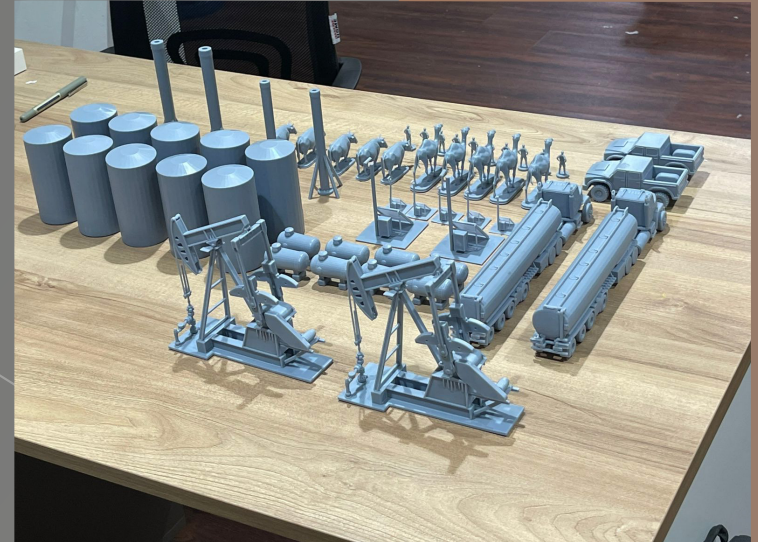


A luxurious commemorative gift for the railway union, showcasing real parts of railway tracks in a professional and creative display.

Our Project

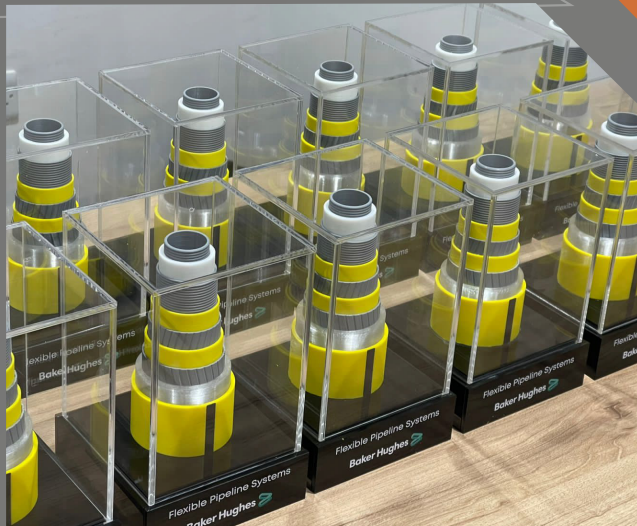
Oilfield showcase

Exhibition-ready oilfield component replicas engineered to authentically simulate real-world field environments. Leveraging advanced SLA technology, we produce ultra-high-precision models that reveal the finest details with exceptional clarity and realism.



Baker Hughes Model

Commemorative gift for an oil pipeline supply company, featuring a sectional cutaway of their key piping systems, designed to showcase a detailed explanation of their core product at an energy exhibition.



Our Project



An outdoor majlis designed in the form of a traditional tent, featuring desert-inspired effects and detailed interior partitions. It serves as an architectural model that blends design and miniature art to visualize the project before construction.



Desert Majlis Concept Model

Desert City Development Model



A scale model with desert effects and natural terrain, illustrating a city plan before and after development, demonstrating our ability to realistically recreate landscapes based on client requirements.



Our Project



3D printing of drone models and airframes for research and engineering experiments at competitive prices.



Advanced Additive Manufacturing

3D Printed Robotic Display Models



Life-size printing of medical robot models with premium finishes that give your model a luxurious look and a polished final product.



Our Project

Design and production of characters and in various sizes, where artistic touches give the model its fourth dimension.

Custom Character Design



Custom Model Solutions

Custom-made models on demand. We create statues and memories in their three-dimensional form.

Get in touch



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