



FABRA FORMA
Transforming Dreams into Dimensions

SCALE MODELS · PROTOTYPES · POWAI, MUMBAI

Scale *models*

Architectural, plant, machine and exhibition models, 3D printed and hand-finished so no layer line shows. Planned backwards from the day the model must stand on site.



CONCEPT RENDER

QUOTES

Within 24 hours

CONFIDENTIAL

NDA before drawings

METHOD

Install-Day Backplan



Two ways we build

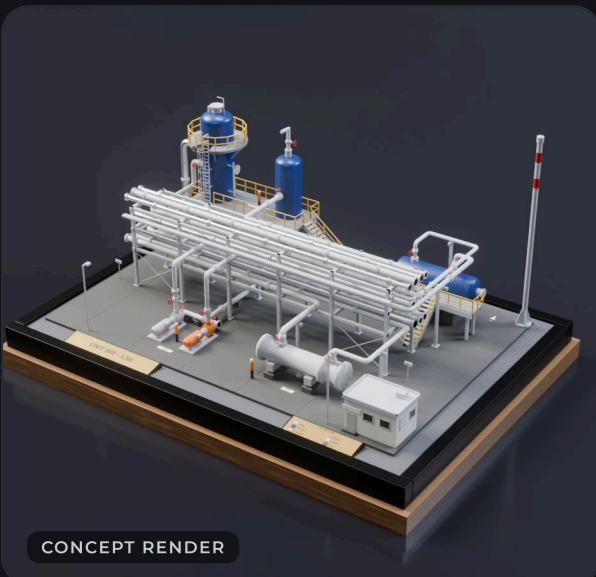


CONCEPT RENDER

FOR DEVELOPERS

Launch-Ready Sales Gallery Model

Your project as the centrepiece of the sales gallery, finished before the first buyer walks in. Painted to the elevations, delicate parts protected or replaceable for the whole sales cycle, your RERA number on the nameplate.



CONCEPT RENDER

FOR EXHIBITORS, EPC AND MACHINE MAKERS

Install-Ready Expo Model

Plant, machine and product models for stands, bids and receptions. Colour-coded by unit or phase, built in sections that travel and fit through the door, on the stand before the hall opens.

Architectural & real estate

Plant & industrial

Machine cutaways

Product & exhibition

Marine & ports

Defence display, NDA-first

Miniatures as gifts



Sizes and suggested ranges

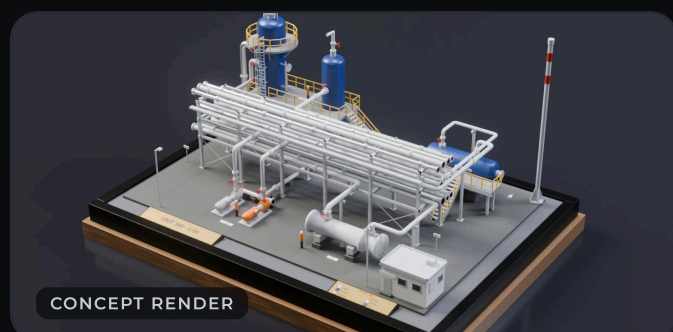
Use these to plan a budget. Every model still gets a written, itemised quote, and the quoted price is final.

CLASS	TYPICAL SIZE	TYPICAL SUBJECTS	SUGGESTED RANGE
CLASS S Desk & miniature	Up to about 30 cm on the longest side	Product miniatures, machine models at 1:5–1:10, dealer sets	₹15,000 – ₹60,000
CLASS P Presentation	Base about 30 cm to 1 m	A single tower at 1:100–1:200, a villa or show flat at 1:20–1:50, a machine cutaway	₹60,000 – ₹2.5 lakh
CLASS C Centrepiece	Base about 1 m to 2.5 m, built in sections	Sales-gallery centrepieces; a township at 1:500 with the launch tower at 1:100	₹2.5 lakh – ₹10 lakh
CLASS X Plant, port & expo	Usually 1.5 m and up, sectioned to travel	Refinery, plant and port layouts; large stand models	From ₹5 lakh

Suggested ranges for a typical presentation finish. Lighting, effects, moving parts and other additions are quoted on top, and the level of detail or the way a model has to be made can change the price. Priced on detail, not floor area.

Choosing the scale

Divide the real size by the scale: a 100 m tower stands 50 cm at 1:200 and 1 m at 1:100. Tell us the closest viewing distance and the space it stands in; we confirm the scale or suggest a better one.





Install-Day Backplan

Our method: every step is dated backwards from the day the model stands finished on site.

01 Send what you have

CAD, drawings, a site plan, photographs or a brochure, with the on-site date. NDA first, if you like.

02 Written quote

Within 24 hours: scale options, process per part, and each option as its own line.

03 Approve and freeze

The design freezes at an agreed revision and a 50% advance starts the work.

04 Proof

A digital proof of colours and base, or a test print of a critical section.

05 Build and finish

Printed, machined and cast in parallel, then sanded, primed and painted.

06 Crate, deliver, install

Numbered sections with assembly notes. Our team installs and looks after it through your show.

How long? A typical presentation model takes about five weeks. When files and approvals come quickly, we can do it in one to two weeks.

What to send

STEP, STL, OBJ, 3MF or PDF drawings

Revit, Rhino, SketchUp or DWG exports

Site or plot plan and elevations

Photos or a brochure, if there's no CAD

Where it will stand and who will see it

On-site date

A budget band



Finished like *a product*

Most of a presentation model's hours go into the surface: sanded, primed and painted until no layer line shows.



Bigger than a print bed? Sections are keyed along lines the subject already has (floor plates, road edges, hull stations), joined, reinforced and finished seamless. The same seams let a phase lift out or a façade swap later.

Add what the room needs

Lighting

Dust cover

Landscaping, figures, vehicles

Removable roofs and floors

Modular phases

Nameplate with RERA number

Installation by our team

Repair kit for long displays



Prototypes, *built to test*

From a napkin sketch to a part you can hold, test and refine, then a first production batch.



Design & DfAM

CAD from sketches, samples or scans; reviews for printability, strength and cost; tolerance and fit for mating parts.



Rapid prototyping

An in-house Bambu Lab FDM fleet and SLA resin. Revisions turned round in hours, and iterations don't restart the meter.

Materials

PLA, PETG, ABS, ASA, TPU, nylon and carbon-fibre blends; SLA resins; PU casting resins. Metal and SLS through vetted partners, labelled in the quote.

Low-volume production

Batches where every part matches the first, with CNC, silicone moulding, casting and finishing on one bench.



On the stand *before the hall opens*

For ACETECH Mumbai, 19–22 November 2026, and every show after it, the plan runs backwards from install day.



Crated to travel

Sections tagged and padded, fixings packed alongside, numbered parts and assembly notes for install night.

Installed and looked after

Our team installs the model and keeps it looking right for the length of the show.



Send the plan, *get a plan back*

Send a site plan, a drawing or a file, with the on-site date and where the model will stand. Scale options and a written quote follow within 24 hours.

WhatsApp +91 83698 49639

info@fabraforma.com

fabraforma.com/scale-models.html

Studio: B-17, Solaris Co-op Soc Ltd, Gate No. 6, opp. L&T, Saki Vihar Road, Marol, Powai, Mumbai 400072. Open every day, 10:00–22:00 IST. Bring the plot plan and settle the scale with the person who will quote it.



Scan to start a scale-model brief on WhatsApp

Images are concept renders made to show the kind of work we build. Ranges are suggestions; your written quote is final.