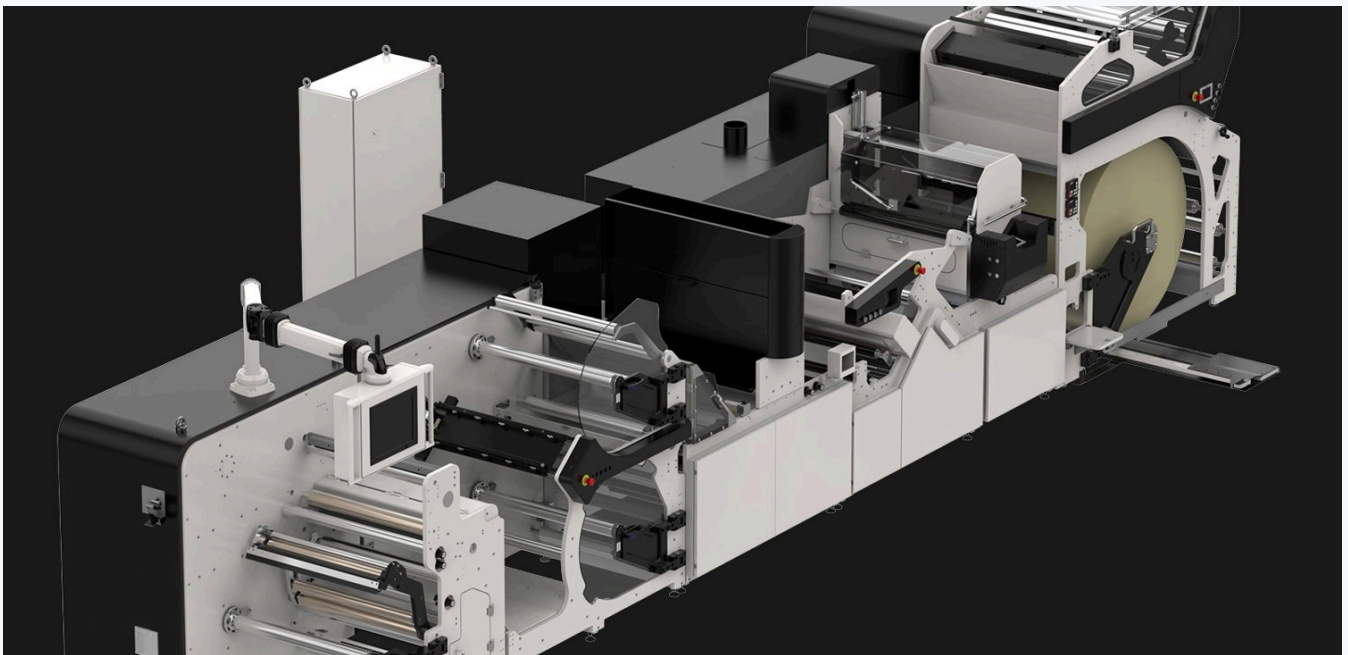


Industrial 3D visualization for machine builders and equipment manufacturers

Your CAD is the best marketing asset you own.

3DEnginuity is an engineer-led industrial visualization studio. We turn machine and equipment CAD into photoreal renders, process and assembly animation, cinematic launch films, trade show visuals, interactive 3D and VR training, without shipping a machine or booking a photographer.



Digital label printing line, rendered from the engineering assembly

3denginuity.com/case-studies

Led by A mechanical engineer	Input STEP, JT, native CAD	Fixed quote Within 1 working day	NDA Before any file moves
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Selected clients

CeramOptec GmbH

Optics and laser, Germany

IPF Electronic GmbH

Sensor systems, Germany

JetFX

Digital printing systems

Combi A-Series

Packaging systems

A selection published with permission. Most of our client work stays confidential under NDA.

What we build from your engineering data.

Eleven services, one prepared model underneath. Once your machine is built in 3D, every later asset costs less than the first. Prices in USD, CAD preparation included.

Visualization	Machine rendering Photoreal hero shots, line-ups, colourways and cutaways of complete machines.	From \$1,090
Visualization	Equipment and component rendering Components, spares and product ranges. Ten or more in one standard from \$340 each.	From \$590
Visualization	Exploded views and illustration Three exploded, sectioned or x-ray views for catalogues and manuals.	From \$1,390
Visualization	CAD to marketing assets Your assembly converted, repaired and prepared as a clean, reusable model.	From \$1,190
Animation	Feature highlight animation 20 to 45 seconds on the one mechanism that sells the machine.	From \$3,900
Animation	Assembly and installation animation Step-by-step assembly, installation and service films, chaptered and multi-language.	From \$6,400
Animation	Process and line animation The full process, infeed to outfeed, with station close-ups and callouts.	From \$7,900
Animation	Cinematic machine films Launch films with camera choreography, environment design and sound.	From \$12,500
Interactive	Interactive 3D and configurators Web 3D viewer with AR from \$6,400; configurators with quote capture from \$16,500.	From \$6,400
Interactive	VR, AR and training Guided operator and maintenance training on headset, tablet or laptop.	From \$10,500
Applications	Trade show visuals Booth prints and loops from \$6,900; full multi-machine show package from \$19,500.	From \$6,900

Pilot project, first project only

\$800

Three renders of one component or compact product, studio background, NDA included, 3 working days. One per company.

CAD assessment

\$0

Send one file. We report what is usable and return a fixed quote.

Model reuse

20 to 40% less

Every further render or film from a prepared machine.

Ongoing production, from

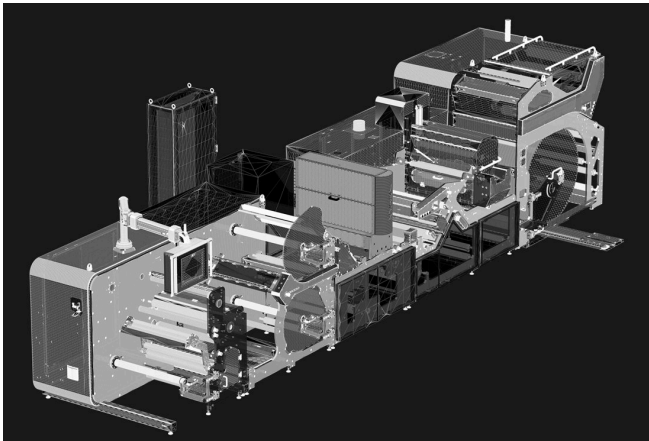
\$4,400/mo

Catalogue programmes and studio partnerships.

Starting prices as published at 3dengenuity.com/pricing, October 2026. Complex machines are scoped individually. Rush production +35% where the schedule allows.

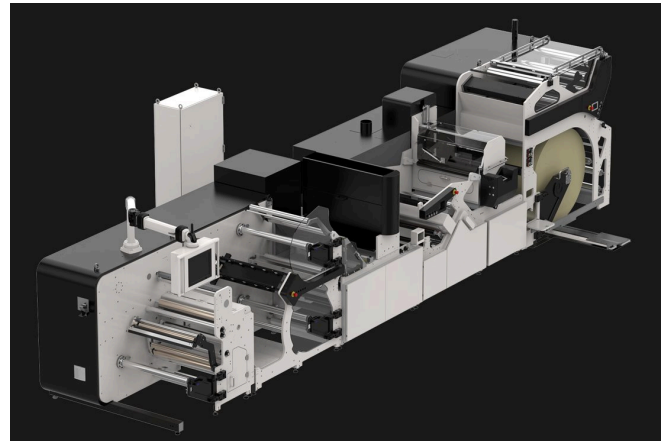
From the engineering file to the catalogue.

Every visual below was built from CAD or engineering drawings. Full case studies, films and render sets at 3dengenuity.com/case-studies.



Engineering CAD, as supplied

The assembly exactly as engineering builds it



Delivered render

The same data after preparation, materials and lighting



Combi A-Series case erector

Packaging machine, renders and film



JetFX FUSION module

Digital embellishment, CAD and photo reference



IPF Electronic pressure sensor

Product renders and turntable film



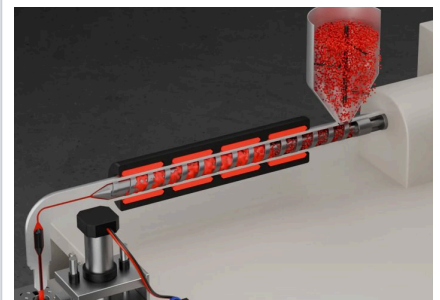
End-suction centrifugal pump

Assembled and exploded views



HVAC compressor rack

Six-view render set from CAD



Injection moulding process

59-second process animation

Industries we visualize

Packaging machinery

Printing and converting

Food and beverage processing

Plastics and moulding

Material handling and conveyors

CNC and machine tools

Pumps, compressors and HVAC

Sensors and optics

How a project runs.

NDA first, a fixed quote within one working day, then a schedule planned backwards from your show or launch date.

01	NDA and CAD transfer	We sign your NDA or send ours, then you upload the assembly through a secure, PIN-protected link.
02	Assessment and fixed quote	We report what is usable, what needs rebuilding, and return a fixed price and delivery date.
03	CAD preparation	The assembly is simplified and materials built, keeping every visible surface exactly as engineered.
04	Approval milestones	You approve one look frame, then a storyboard or animatic, before full production starts.
05	Delivery and handover	Final files per channel, full usage rights on payment, and your prepared model kept on file so next year costs less.

Confidentiality

- **NDA** signed before any file moves
- Access limited to your project team
- Work never published without your written permission
- Your CAD stays yours, deleted on written request

Client portal

- **Live timeline** of every stage
- Approvals recorded with name and timestamp
- Previews reviewed in place
- Final files kept in a delivery vault

Terms

- **Usage rights:** full, permanent, worldwide on final payment
- **Payment:** under \$5,000 half and half; above, 40 / 30 / 30
- USD or EUR, purchase orders accepted
- **Revisions:** rounds stated in every quote

Input

STEP, IGES, JT, Parasolid

SolidWorks, Inventor, Creo and NX native files, or 2D drawings only.

Stills

4K and print-ready

Web, catalogue and large-format booth files from one render.

Film

16:9, 9:16 and 1:1

Main edit plus social cutdowns, subtitles in two languages.

Real-time

glTF / GLB

Optimised models for web viewers, configurators and AR.

Send one CAD file. Get a fixed quote in a day.

The CAD assessment is free, and first-time clients can start with an \$800 pilot project. Tell us your trade show or launch date and we plan backwards from it. If your budget is smaller than our starting prices, say so: there is almost always a version of the project that fits.

Enquiries and quotes

bilal.naseem@3dengenuity.com

CAD files and NDAs

cad@3dengenuity.com

Purchasing and invoicing

invoices@3dengenuity.com

Web

www.3dengenuity.com