

Manufacturing-ready CAD service

BIZ-012 / REV A / 2026.09.01

A manufacturing handoff needs more than a visually complete model. It must communicate material, geometry, tolerances and the intended process.

STATUS	Starting Point
CLASSIFICATION	BIZ
MATERIAL	WEB / CREATIVE
DISPOSITION	PUBLIC / STARTING POINT
CATEGORY	Website / Business / Creative
RECORD TYPE	project

GOAL

Run the first test described in this guide and record the result for manufacturing-ready cad service.

SOURCE STATE

New reference guidance; not a recovered test result

METHOD / STEPS

1. Agree the manufacturing process, units, material, finish and required fit before modeling.
2. Create the model and drawings around stable datums. Specify only tolerances needed for function and production.
3. Check sheet-metal flat patterns, bend data, hole callouts, quantities and revisions where applicable.
4. Deliver agreed native CAD, STEP, PDF and DXF files with a revision index and a manufacturer review step.

THINGS TO WATCH FOR

A STEP export may omit drawing requirements and editable feature history. Do not invent weld sizes, tolerances or material grades when customer requirements are missing.

FIRST TEST / WHAT TO RECORD

An independent reviewer should be able to identify what is made, how many and to which revision.

RESULT / WHERE THIS STANDS

An independent reviewer should be able to identify what is made, how many and to which revision.

TROUBLESHOOTING

- A STEP export may omit drawing requirements and editable feature history. Do not invent weld sizes, tolerances or material grades when customer requirements are missing.

SPECIFICATION

CATEGORY	Website / Business / Creative
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TYPE	PROJECT
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PUBLIC BOUNDARY	Safe summary only
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NEXT CHECK	Test the public workflow
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DEVELOPMENT HISTORY

2026.09.01 / Rev A

Imported as an independent manifest record; public copy keeps uncertainty visible.

RELEASED MATERIAL / SOURCE LINKS

biz-012-public-summary.txt

PUBLIC SUMMARY / RECOVERED NOTES

<https://u225x.com/downloads/manifest-records/biz-012-public-summary.txt>

RETURN TO THE LIVING RECORD

Manufacturing-ready CAD service

This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/BIZ-012>