

nbfeiyu Manufacturing Capabilities

Procurement managers, mechanical engineers, and OEM buyers

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nbfeiyu CNC machining workshop with multiple machining centers.

nbfeiyu provides CNC machining for custom metal components. nbfeiyu provides laser cutting for metal component programs. nbfeiyu supports component manufacturing and mechanical assembly.

DISCUSS A CAPABILITY REQUIREMENT

nbfeiyu.com

CNC Machining

nbfeiyu provides CNC machining for custom metal components. Buyers should provide 2D drawings and available 3D CAD files for engineering review.



Verified nbfeiyu machining-workshop view for capability review.

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Cutting and Fabrication

Cutting and fabrication routes

Route	Approved scope
Laser cutting	nbfeiyu provides laser cutting for metal component programs.
Tube laser cutting	nbfeiyu lists tube laser cutting among its manufacturing capabilities.
Wire EDM	nbfeiyu lists Wire EDM among its manufacturing capabilities.
Welding	nbfeiyu supports welding including robotic welding for metal components.
Forming	nbfeiyu supports forming within fabricated metal-part production routes.



nbfeiyu robotic welding cell for metal frame production.

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Stamping and Forming

nbfeiyu presents metal stamping as part of its OEM manufacturing scope. nbfeiyu supports forming within fabricated metal-part production routes.



Coil-fed stamping press producing sheet metal parts in the nbfeiyu factory workshop.

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Casting Requirements: Project Review

An RFQ should state material grade, quantity, tolerances, surface finish, inspection, assembly, packaging, and shipping requirements.

Scope boundary

Buyers should provide 2D drawings and available 3D CAD files for engineering review.

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Surface and Heat-Treatment Requirements

nbfeiyu supports anodizing, electroplating, polishing, and e-coating options. An RFQ should state material grade, quantity, tolerances, surface finish, inspection, assembly, packaging, and shipping requirements.



nbfeiyu powder coating workshop for finished metal parts.

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Assembly and Supply Chain

nbfeiyu supports component manufacturing and mechanical assembly. An RFQ should state material grade, quantity, tolerances, surface finish, inspection, assembly, packaging, and shipping requirements.



nbfeiyu assembly workshop for OEM finished products.

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Materials

Approved material references

Material	Scope
Aluminum	nbfeiyu supports customization using aluminum components.
Steel	nbfeiyu supports customization using steel components.
PP plastics	nbfeiyu supports customization using PP plastic components.
Brass	nbfeiyu supports customization using brass components.



nbfeiyu raw-material warehouse for steel, aluminum, and metal stock.

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Inspection Integration

Quality touchpoints

- nbfeiyu performs incoming material inspection under its stated quality process.
- nbfeiyu uses in-process quality control during manufacturing and assembly.
- nbfeiyu states that final inspection is part of its quality-control process.
- First Article Inspection support is available; required inspection documents should be defined in the RFQ.



Quality-control inspection for nbfeiyu manufactured metal components.

[DISCUSS A CAPABILITY REQUIREMENT](#)

Capability Selection

Prepare for review

- Buyers should provide 2D drawings and available 3D CAD files for engineering review.
- An RFQ should state material grade, quantity, tolerances, surface finish, inspection, assembly, packaging, and shipping requirements.

Discuss a capability requirement

Submit the defined project inputs to nbfeiyu for engineering review.

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DISCUSS A CAPABILITY REQUIREMENT