YOUR IDEAS
OUR MANUFACTURING
SOLUTIONS

ENGINEERING TO PRODUCTION

Mold Design & Manufacturing
CNC Machining • Plastic Injection
B2B / OEM Project Support

Vietnam manufacturing partner for project-based requirements.



WHO WE ARE

BAVIGO is a Vietnam-based engineering and manufacturing company with more than ten years of practical experience in product development, mold making, CNC machining, injection molding, assembly and project-based production.

Projects can begin with an idea, drawing, sample or mixed-component assembly.



LEGAL ENTITY: BAO AN VISION GLOBAL COMPANY LIMITED

MANUFACTURING BASE: Duc Hoa, Vietnam

OFFICE: Ho Chi Minh City, Vietnam

Experience built through projects in Vietnam, selected Southeast Asian customers and foreign-invested companies operating in Vietnam.

CEO MESSAGE

> **In manufacturing, capability is not measured by company size. It is proven by understanding a real requirement, quoting it responsibly and turning it into a result that can be checked.**

For more than ten years, we have worked from ideas, drawings and samples—through engineering, tooling, trial, production and assembly.

Give us an idea, drawing, sample or assembly. We will clarify what can be done, protect the information, respect the timeline and take responsibility for the scope we accept.

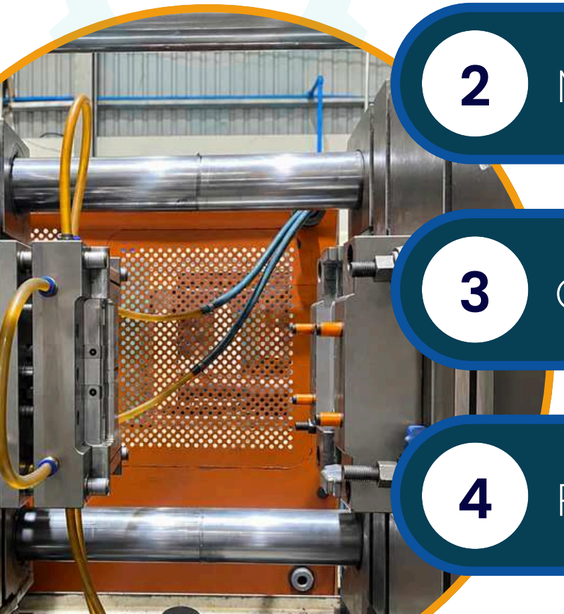




VÕ HỒNG ÂN — CEO, BAVIGO

FROM REQUIREMENT TO PRODUCTION

One connected workflow—from technical clarification to delivery support.

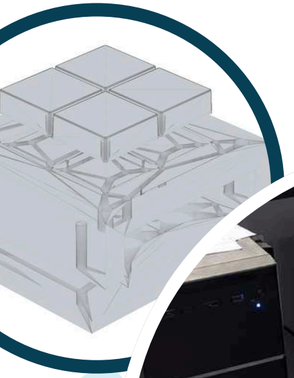


1. Engineering review
2. Mold design
3. CNC machining
4. Fitting & trial
5. Injection molding
6. In-process QC
7. Packing
8. Delivery support



ENGINEERING & TECHNICAL REVIEW

Every project starts by clarifying function, material, dimensions, quantity, operating conditions and target timing before tooling or production begins.





Technical inputs become a workable manufacturing path before commitment.



1. 2D / 3D DATA
2. PHYSICAL SAMPLE
3. MATERIAL & FUNCTION
4. QUANTITY & TIMING

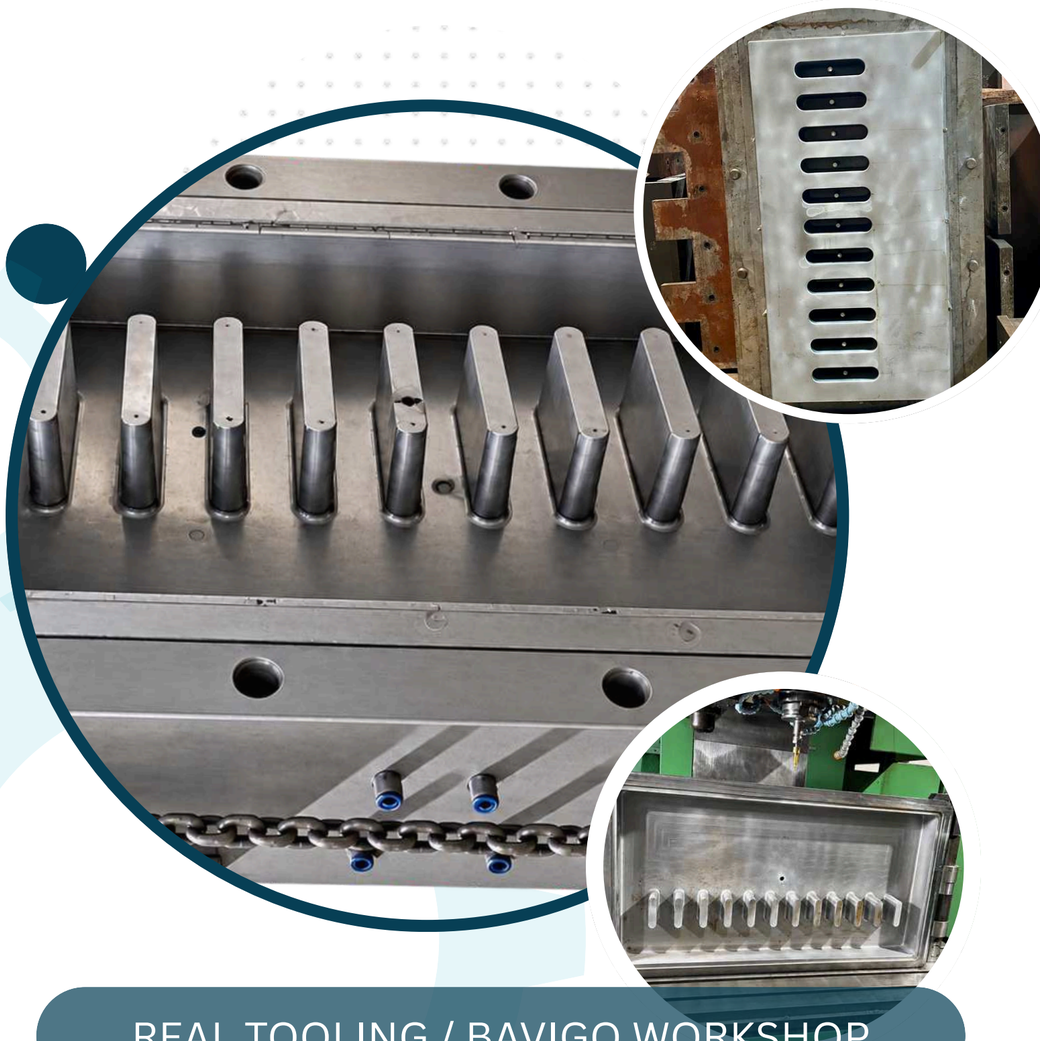
OUTPUTS

- Clarified scope
- Manufacturability review
- Quotation basis

MOLD DESIGN & MANUFACTURING

Mold making is a core BAVIGO capability. Design review, CNC machining, fitting, trial and correction are managed as one manufacturing process.

- Structure review
- Machining
- Assembly & trial
- Correction & approval



REAL TOOLING / BAVIGO WORKSHOP

CNC MACHINING

CNC machining is integrated into BAVIGO’s mold-manufacturing workflow for mold components and project-specific technical parts.

Machine capability, travel and process requirements are assessed project by project.





MOLD PARTS

REFINEMENT

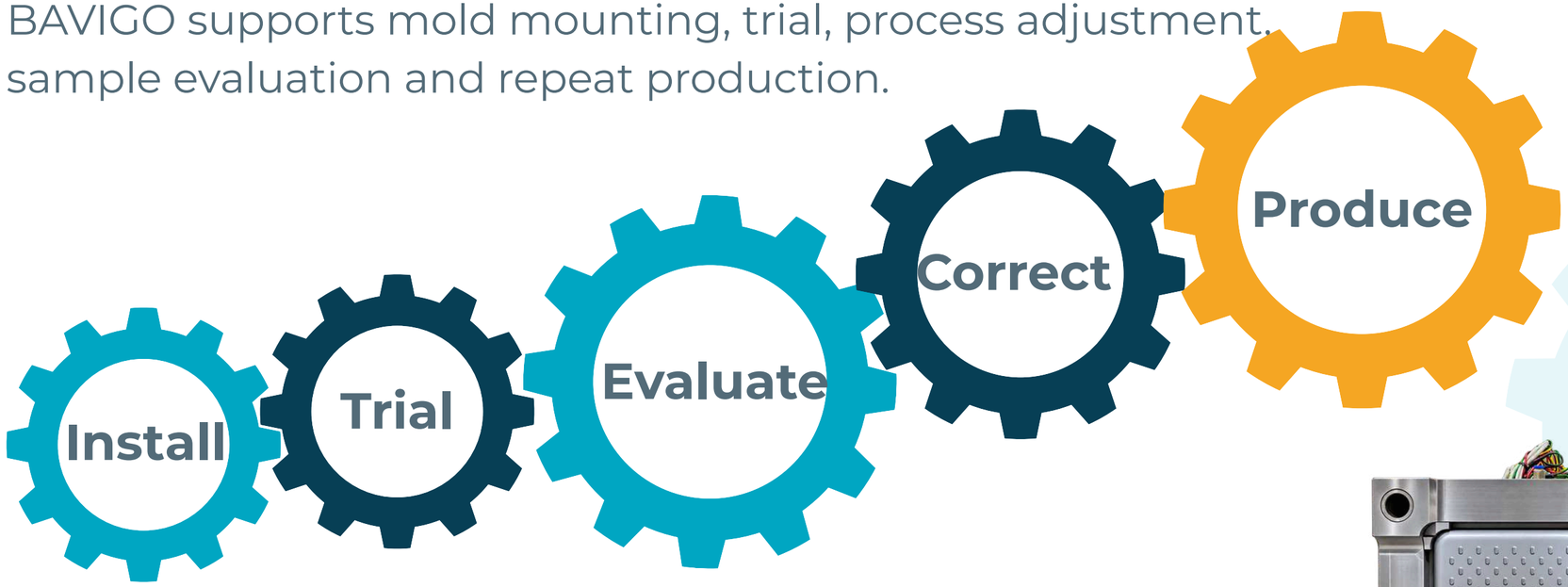
CUSTOM PARTS

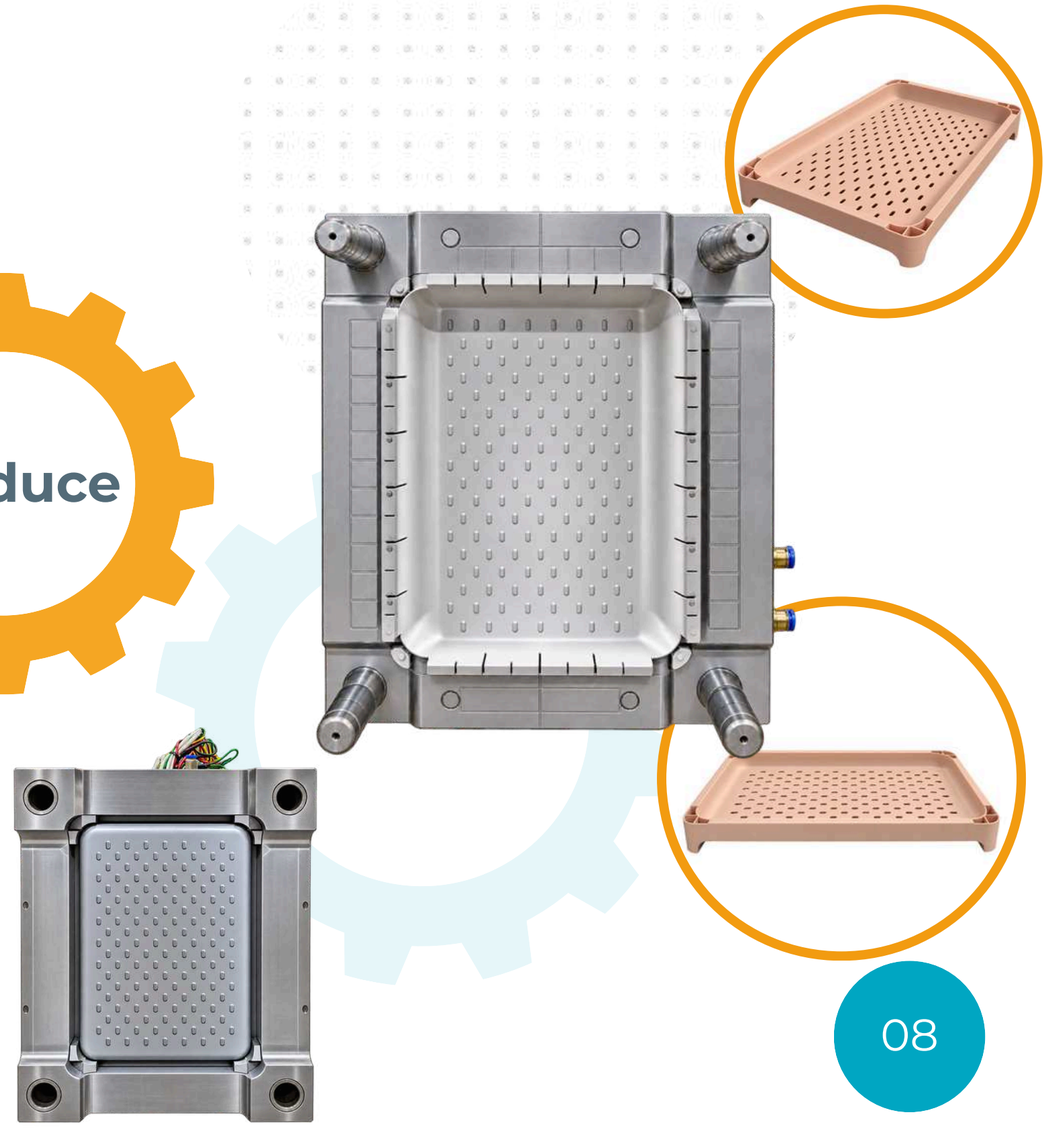
Detailed machine data is provided when relevant to project assessment.

SELECTED MACHINING & WORKSHOP OPERATIONS

MOLD TRIAL & INJECTION MOLDING

A mold is not complete until it can produce a usable part. BAVIGO supports mold mounting, trial, process adjustment, sample evaluation and repeat production.





MACHINE MATCHING AND PROCESS CONDITIONS ARE CONFIRMED FOR EACH PROJECT.

PRODUCTION CAPABILITY

After tooling and sample approval, BAVIGO supports material preparation, production planning, injection molding, inspection, packing and delivery coordination.

1. Approved tooling
2. Controlled production
3. Packed for delivery



SELECTED IMAGES ARE PROOF OF REAL PRODUCTION—NOT A COMPLETE CATALOG.

QUALITY CONTROL

Quality is controlled through process checkpoints—not only at final inspection.

1 TOOLING REVIEW

Requirements and project criteria

2 ASSEMBLY CHECK

Fit, finish and readiness for trial

3 TRIAL & SAMPLE

Visual and dimensional evaluation

4 ACCEPTANCE

Approved output before delivery

PROJECT CRITERIA • OPERATOR SIGN-OFF • VISUAL / DIMENSIONAL CHECKS • RECORDS

PROVEN PROJECT EXPERIENCE

Selected examples demonstrate the range of problems BAVIGO has handled; they are not a complete product catalog.

- CONSTRUCTION MOLDS
- HOUSEHOLD PRODUCTS
- CUSTOM COMPONENTS
- MOLD + INJECTION
- B2B / OEM PROJECT SUPPORT



Proof library: approved BAVIGO product, workshop and project images.

CASE STUDY 01 — CONSTRUCTION MOLD

1 Customer Need

Reusable plastic mold for concrete / landscape applications with defined geometry and repeat-use requirements.

2 Technical Challenge

Balance dimensional control, demolding, strength and manufacturability.

3 BAVIGO Role

- Technical review
- Mold making
- Trial
- Correction
- Approval



REAL-WORLD APPLICATION



PLASTIC MOLD (FINISHED)

RESULT Production-ready tooling supported through real-use evaluation.

CASE STUDY 02 — MOLD + INJECTION

1 Customer Need

Tooling and repeat injection support for a practical plastic component.

2 Technical Challenge

Coordinate mold structure, machining, fitting, trial and process adjustment.

RESULT

Support beyond mold delivery to molded parts

3 BAVIGO Role

- Design review
- CNC
- Assembly
- Trial
- Sample approval
- Production





CASE STUDY 03 — HOUSEHOLD PRODUCT

1 Customer Need

Repeatable plastic product developed from a sample, dimensions or functional requirements.

2 BAVIGO Role

- Clarify
- Prepare tooling / production
- Trial
- Approve sample
- Plan batch









RESULT

Manufacturing support for a market-ready household product line.

Anonymized project presentation; no customer identity disclosed.

INTERNATIONAL B2B & EXPORT SUPPORT

BAVIGO supports international buyers through responsible RFQ review, clear quotation and PI preparation, confidentiality-aware communication, Incoterms discussion, and coordination with logistics providers.

Scope, assumptions, timing, destination requirements, freight and local charges are confirmed project by project before commitment.

1 RFQ REVIEW

Technical and commercial inputs

2 QUOTATION & PI

Buyer-ready commercial documents

3 EXW / FOB / CIF

Terms discussed to verified scope

4 LOGISTICS

Route, documents and provider coordination

CLEAR SCOPE ⚙ *RESPONSIBLE QUOTATION* ⚙ *CONFIDENTIALITY* ⚙ *FOLLOW-THROUGH*

HOW TO WORK WITH BAVIGO RFQ FLOW

Five practical phases take a buyer from initial input to controlled delivery.

Start with the information you have — we will identify what is still needed.

1. Idea, drawing, sample or mixed assembly
2. Function, material, quantity, destination and timing
3. Manufacturability and commercial terms
4. Build, trial, correct and approve
5. Production, QC, packing and delivery

DIGITAL MANAGEMENT & RESPONSE SYSTEM

BAVIGO uses structured digital records to improve traceability, follow-up and decision quality across sales, orders, production and quality control.

MANAGEMENT FOLLOW-UP

Decisions, deadlines and unresolved items

PRODUCTION & QC

Progress, issues and acceptance records

ORDER CONTROL

Commercial and execution checkpoints

CUSTOMER & RFQ DATA

Inputs, contacts and requirements

Digital tools support the people and processes behind the factory.

BAVIGO

THANK YOU

BAO AN VISION GLOBAL COMPANY LIMITED

"LET'S DISCUSS YOUR NEXT PROJECT

Send an idea, drawing, sample photo, or assembly requirement—plus expected quantity, destination, and target timing—to begin.

Email

marketing.global@baoanvn.com

Website

https://baoanvn.com/

PHONE / WHATSAPP

+84 90 967 7296

MANUFACTURING BASE: Duc Hoa, Vietnam

OFFICE: Ho Chi Minh City, Vietnam