



ALPHACAST

30<sup>TH</sup>  
ANNIVERSARY



# ALPHACAST

OFFERING **“TOTAL SOLUTIONS”**  
TO MEET ALL CUSTOMERS’ REQUIREMENTS



## ABOUT ALPHACAST

Established in Chonburi, Thailand in 1989, Alphacast is a Metal Manufacturing Services (MMS) provider supplying products to customers worldwide, including leading companies in key industries such as automotive, electronics, leisure boats and home appliances as well as various custom applications.

The company's founders came from Taiwan and built the company with support from Thailand Board of Investment (BOI) promotion. Among the company's competitive advantages are a skilled local workforce and cost-effective import/export processes. The company is committed to growing and remaining a part of Thailand's robust economy.

Our main strength is in our people, and the multinational employees bring together a strong combination of skills and experiences. Thanks to our dedicated staff, the company has continuously developed as a supplier of "Total Solutions", helping customers solve problems and achieve requirements with value-added products and services.

Alphacast employs over 1,800 people as of early 2018. The company strives to continue improving, developing new capabilities and serving our customers better.



## STATE-OF-THE-ART FACILITY

Ever since the company was established, Alphacast has spared no effort in upgrading its manufacturing capabilities. New machinery and equipment have been acquired and advanced technology developed.

Alphacast has established itself as an efficient and modern manufacturing facility, with versatile capabilities that few other manufacturers serving the same markets can match.





## QUALITY COMES FIRST

Alphacast is committed to provide customers with best-quality products.



## OPTIMUM QUALITY STANDARDS

- ISO 9001
- ISO 14001
- IATF 16949

Alphacast not only meets international quality and environmental management standards but also complies with RoHS rules.

- The company's quality policy:
- Master superior technology
  - Produce outstanding quality
  - Improve efficiency and safety



## TOTAL SOLUTIONS

Alphacast offers total solutions for stainless-steel precision casting and sheet metal stamping services. The company is considered a 'one-stop-shop' supplier employing reverse engineering and rapid prototyping techniques to help customers develop new products. Extensive secondary processes include heat treatment, machining, welding, polishing, assembling and packaging. Plus, each component is marked with laser engraving and cleaned to meet particular purity specifications.

All this is performed under Alphacast's own roof, offering great advantages to customers in terms of reducing the burdens of coordination and communication with suppliers as well as ease of reaching agreement concerning quality problem and product liability. By assigning a single fully-integrated supplier, customers are provided immediate information concerning progress of the production process.

These offers are provided to eliminate any possible difficulties so that customers can rest assured that they will receive only high-quality products in a timely manner.



### ENGINEERING / R&D

Alphacast operates a complete designing process using software AutoCAD, Solid works and/or EdgeCam. All engineering processes are made in-house enabling prompt response to customer demands.



### DESIGN

Design flexibility enables production of precise details with dimensional accuracy.



### REVERSE ENGINEERING

Produce the part as customer's request, Co-design with customer's engineer.



### RAPID PROTOTYPE

Rapid Prototyping is a quick and cost-effective way to simulate a product in order to reduce or avoid any possible risks.



### PRODUCTION TOOL

The company has in-house tool department for making and maintenance of customer's production tools.



### MACHINING

By using traditional and CNC machining equipment, Alphacast has full capability to fulfill customer requirements.



### POLISHING/SURFACE FINISHING & TREATMENTS

Alphacast's superior polishing quality and surface treatments always win thumbs up from customers.



### ASSEMBLY

Alphacast provides product assembly for stamping and investment casting. When customers request extra care with their products, we offer top-quality assembly services.



### PACKAGING

Alphacast's packaging services ensure products reach customers in perfect condition.



### DELIVERY

Alphacast is located in Chonburi Province, only 45 minutes from Suvarnabhumi Airport by motorway and 35 minutes from Laem Chabang Port, ensuring quick, reliable and consistent transportation.

# PRODUCTS AND SERVICES



## INVESTMENT CASTING

Alphacast is one of the leading suppliers in Asia that provides complete-to-print, high-volume, and fully-finished casting-based subassemblies and components. The company implements "lost wax technology" that offers flexibility in design, reduces production costs and assembly operations, and enables finely detail products.



## SHEET METAL STAMPING

Press stamping is Alphacast's main sheet metal fabricating process. With a maximum production capacity of 800 tons, most of the press machines are of the high-speed precision crankshaft type. There are also hydraulic press machines for deep drawing jobs, and smaller mechanical press tools for small or low volume parts production.

Other fabricating processes include bending and shearing. Machining, welding, heat treatment, polishing, silk screen printing, assembly and packaging are also offered as secondary process value-added products.

At maximum control and consistency, Alphacast's complete tool and die department is capable of designing and producing tools and fixtures. This self-sufficient engineering and tooling ability enables the company to make international quality products and react promptly to its customers' demands.

Alphacast's sheet metal fabricated products include components for automotive accessories, IT products, home appliances and hardware products supplied to multinational companies in Thailand.





# STAY IN GOOD S-H-A-P-E

Alphacast promotes “eco-friendly” practices at its workplace by following the good S-H-A-P-E rule:

## S

**SAFETY**  
Build safe and secure working environment

## H

**HEALTH**  
Promote health care services and activities as a basic management

## A

**ATTITUDE**  
Create and maintain “Happy” attitude for all employees

## P

**PEOPLE**  
Respect for Human Rights, Diversity, and Cultivation of Human Resources

## E

**ENVIRONMENT**  
Promote “Green Factory” by balancing environment and business interests, through energy-efficient and sustainable production



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