

Baoding Guokun Machinery Co., Ltd

Aluminum Die Casting

Guokun Machinery can produce and supply various [aluminum casting parts](#), aluminum sand casting parts, aluminum die casting parts, aluminum high pressure die castings, [Die casting manufacturer](#), die casting company, etc, mainly support for furniture, engineering, industrial, automotive, municipal engineering, etc

Aluminum Alloy Characteristics:

- High operating temperatures
- Outstanding corrosion resistance
- Lightweight
- Very good strength and hardness
- Excellent thermal conductivity
- High electrical conductivity



Aluminum die casting

[Die casting](#) is a metal casting process that is characterized by forcing molten metal under high pressure into a mold cavity. [Aluminum die casting](#) is with lightweight, high dimensional stability for complex shape and thin walls; good corrosion resistance; good mechanical properties; excellent thermal and electrical conductivity; retains strength at high temperatures.

Aluminum alloy: 413, 383, B390, A360, A380, A413

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Advantage of aluminum die casting process

Excellent dimensional accuracy

Smooth cast surfaces

Thinner walls can be cast as compared to sand and permanent mold casting

Reduces or eliminates secondary machining operations.

Rapid production rates

Casting tensile strength as high as high as 60ksi

Casting of low fluidity metals

Please send us the drawings

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