

Company Overview

Kawakin Die Casting Industries Co., Ltd.



<http://www.kawakindc.co.jp/>

This is our business...



Manufacturing of Aluminum Alloy Die Cast Parts

What is die casting?

Die casting is an instantaneous metal casting process or the products made through the process of forcing molten nonferrous metal alloys quickly and under high pressure into the mold cavity of an accurately-made die.

This casting technique is able to mass produce a large amount of complicated shapes and is utilized in a variety of fields.

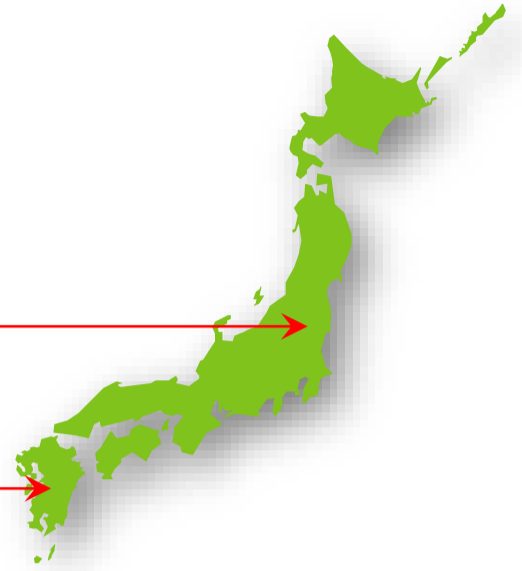
Company Overview

◆ Company Name Kawakin Die Casting Industries Co., Ltd.

◆ Established Sept. 1934

◆ Main Office & Main Plant 15 Jinba Shirasaka,
Shirakawa-shi, Fukushima
961-0835
Phone: +81-248-28-2101 Fax: +81-248-28-2317

◆ Kumamoto Plant 8772-51 Taragi, Taragi-machi, Kuma-gun
Kumamoto 868-0501
Phone: +81-966-42-6811 Fax: +81-966-42-6820



◆ Land / Building Area
Main Plant 31,606m²/13,102m²
Kumamoto Plant 44,578m²/ 4,224m²

◆ Fields of Business Aluminum die cast manufacturing (Integrated manufacturing from casting to machining, surface treatment and small assembly)

◆ Major Customers
AISHIN SEIKI Co., Ltd. AISHIN KYUSHU CASTING Co., Ltd.
Honda Motor Co., Ltd. DENSO Corporation
KUBOTA Corporation Kawasaki Heavy Industries, Ltd.
Tohatsu Marine Corporation

◆ ISO Certification ISO9001 (obtained in 2001), ISO14001 (obtained in 2007)

◆ Production Equipment

Main Plant	Kumamoto Plant
Two 1650 ton die casting machines	two 800 ton die casting machine
Three 1250 ton die casting machine	One 650 ton die casting machine
Two 800 ton die casting machines	Two 500 ton die casting machines
Two 500 ton die casting machines	Two 350 ton die casting machine
Three 350 ton die casting machines	One 250 ton die casting machine
One 140 ton die casting machine	One 125 ton die casting machine
One 530 ton, dedicated nanocasting machine	
One 250 ton, dedicated nanocasting machine	
Total: 15 machines [500 ton production capacity]	Total: 9 machines with a 250 ton production capacity

60 units of machine processing equipment (M/C T/C NC)
The four-wheeled car of the machining line × 3
Various inspection equipment

51 units of machine processing equipment (M/C T/C NC)
The four-wheeled car of the machining line × 3
The General-purpose parts of the machining line × 2
Various inspection equipment

Main Plant Products

TOYOTA C-HR



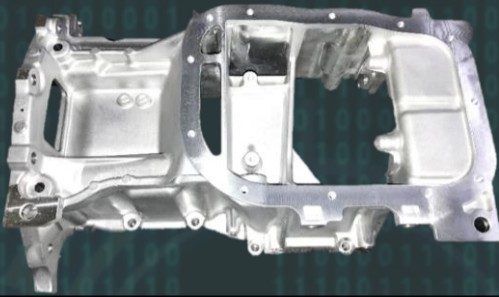
TOYOTA 4Runner



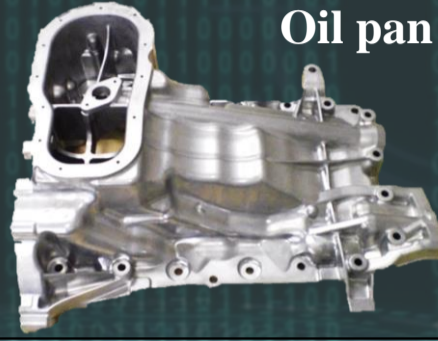
New hybrid SUV of Peugeot



Crankcase



Oil pan



Housing



Gear case



Cylinder block

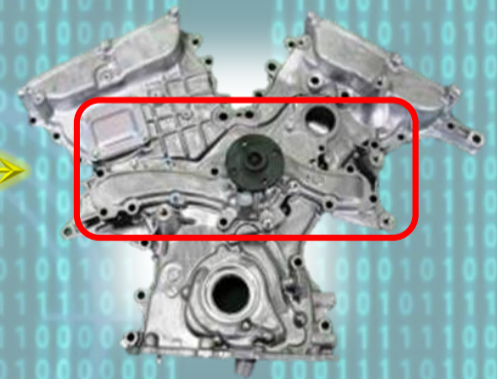
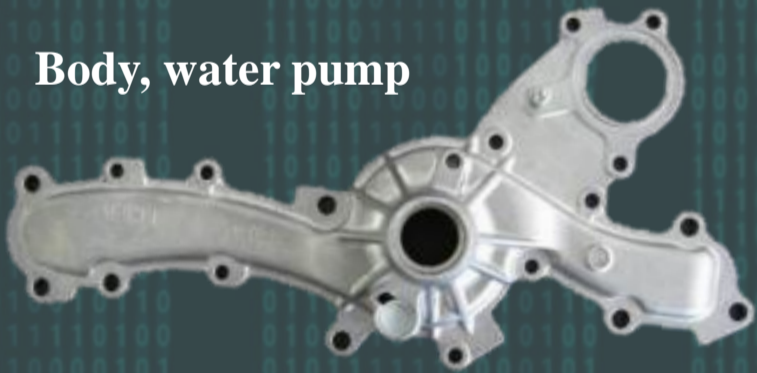


TOHATSU MARINE

Outboard motor

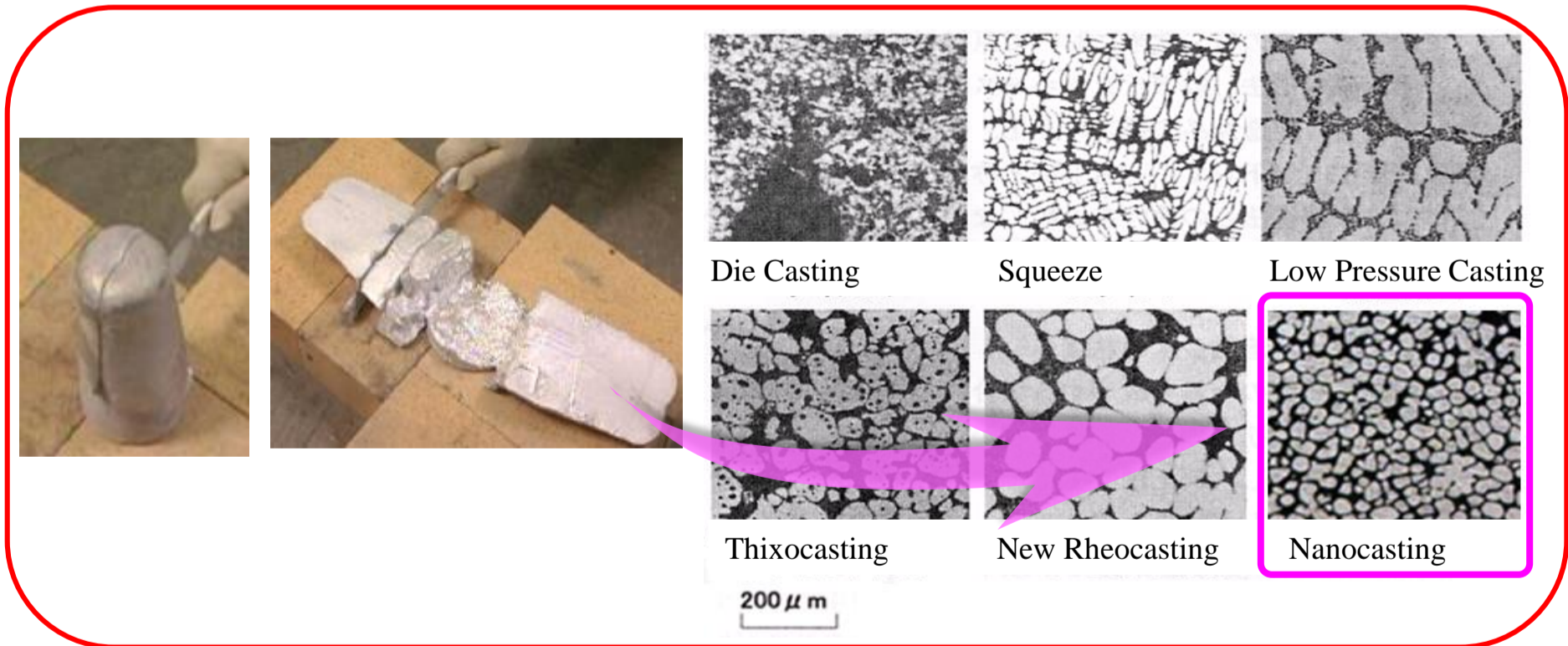
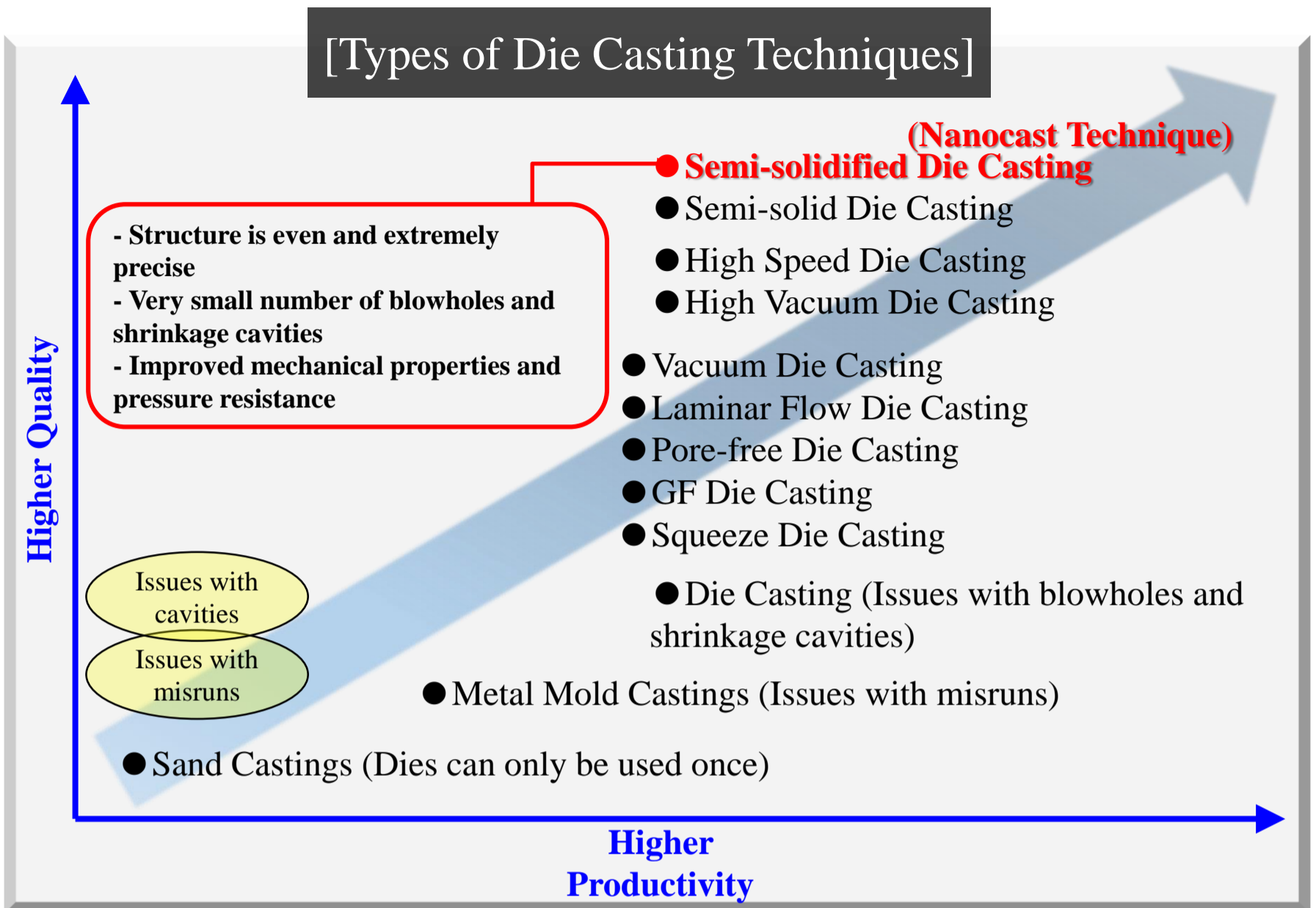
Kumamoto Plant Products

Body, water pump



Nanocast (Semi-solidified Die Casting)

[Types of Die Casting Techniques]



The crystal grains are fine and even all the way to the center.
 This makes it possible to mold products with almost no internal defects.