



Hi-cast Co., Ltd.



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## Top message



President

Kentaro Takahashi

Our company is known for having been passed down through generations with one valuable asset. That is a “heart to cherish the people”. It is not misled by the pros and cons of short-term but paying respect to the duty and obligations with the motto of “harmony” as what we have been taking effort so far.

And now, in the current epoch of information society, we always keep ourselves penetrating with the thoughts from the predecessors. In addition, with our wishes to cherish the people, we have tried our best to achieve improvement so as to suite with the customers of such era.

From now on, We will continue to innovate speedily in order to anticipate and satisfy customer requirements.

## Young vitality and history of 100 years

The background of one century in casting. The technology, achievement and reliability that we have obtained over years supported by the young vitality with average age in early 30s. All this has created our wealth of experience as well as vibrant spirit to confront challenge that is considered the biggest attraction of our brand as Hi-cast.



## Self-developed Production Management System

We have been developing a Production Management System in conjunction with Hi-Cast production line. This is linked to modules of sales management and quality control and thus help to perform production of diversified products in limited quantities quickly and accurately.



### ● Main features

1. Since the confirmation of the process can be easily performed to understand the progress, it is possible for anyone to know the completion date of concerned processing products.
2. History of defects and work caution points are clearly specified in the work card and this has helped to reduce the defect effectively.
3. Inspection articles are also specified clearly in the shipping inspection list so that omission of important checkpoints can be prevented.
4. As being in conjunction with the pouring history, traceability is possible.
5. As being linked to sales management, the tasks of request and payment can be performed.
6. Since the storage location and history of use is clearly determined, good storage condition of the molds is secured.
7. By being able to verify any data, such as planning and actual performance, improvement activities have been performed accordingly.

## Quality assurance system corresponding to the critical safety parts



Perform essential inspection as visual appearance and dimensional inspection as well as other necessary testings and inspections such as Ultrasonic testing, Magnetic particle testing, Liquid penetrant testing, Radiographic testing, Scribing inspection, Hardness measurement, Mechanical properties test, Microstructure testing, Spectroscopic analysis...In addition, in order to build up a system for manufacturing products of stable quality, we have obtained the certification of Quality Management System (ISO9001 2008).

## Description of business

### ● Products made in-house

Material (Grade)	Handling weight
gray cast iron (FC150, FC250, FC300, FC350)	1~1,500kg
spherical graphite cast iron (FCD450, FCD600)	1~1,500kg
high strength spheroidal graphite cast iron (H-FCD800 H-FCD1000)	1~1,500kg

high strength spheroidal graphite cast iron is excellent machinability and able to suppress hydrogen embrittlement by technical cooperation with Ome casting Co.Ltd.

### ● Consignment products

- Iron casting - Non-ferrous castings - Casting by special material
- Manufacturing of foundry molds - Manufacturing casting machine
- Shot blast and heat treatment of the casting - Surface treatment of plating

★If you may have any enquiry or anything concerned to casting please feel free to contact us.

### ● Example of products

Marine parts



Die-cast parts



Construction machinery parts



Cut-off machine parts



Railroad part



Hydraulic component



Injection molding machine



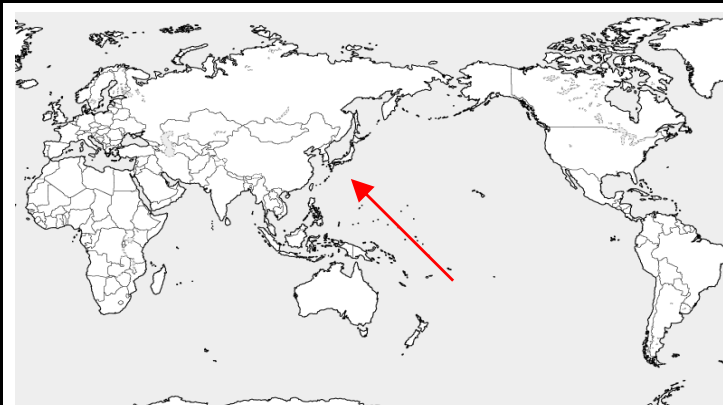
Part for semi-conductor manufacturing apparatus





Corporate Profile	
Company name	Hi-cast Co., Ltd.
Representative	Kentaro Takahashi
Address	■ Head office / 〒 173-0014 38-8 Oyamahigashi, Itabashi-ku, Tokyo ■ Hanyu factory / 〒 348-0038 2-705-34 Komatsudai, Hanyu-shi, Saitama
URL	<a href="http://www.hicast.jp">http://www.hicast.jp</a>
Facebook	<a href="http://www.facebook.com/hicast1916">http://www.facebook.com/hicast1916</a>
E-MAIL	info@hicast.jp
Business lines	Manufacture and sale of castings <b>【Main products】</b> Injection molding machine parts, machine tool parts, die-cast parts, press machine parts, railway parts, construction machinery parts, Semiconductor manufacturing equipment parts, LCD manufacturing equipment parts, marine compressor parts, pump parts, hydraulic parts, Iron castings of bearing parts, mold, such as processing jigs
Capital	18,000,000 ¥
Date of establishment	June 1916
Employee	39 employees
Main customer	Kyosan Electric Mfg. Co., Ltd., Kosaka Laboratory Co., Ltd., Komatsu Co., Ltd., Suction Gas Engine Mfg. Co. Ltd., Nippon Steel Co., Ltd., Toshiba machine Co., Ltd., Toyo Electric Mfg Co., Ltd., Hishinuma machinery Co., Ltd., Hitachi Metals Co., Ltd., Hitachi Nico Transmission Co., Ltd., Bosch Rexroth Co., Ltd., Luby Industrial Co., Ltd. (Classified by Japanese syllabary)
Correspondent bank	Bank of Tokyo-Mitsubishi UFJ, Johoku credit union; Asahi credit union

Corporate history	
Jun 1916	At the current head office, first president Chushiro Takahashi had established "Takahashi foundry"
Nov 1923	Second generation Ito Takahashi inheritance
Apr 1933	Third generation Kinji Takahashi inheritance
Apr 1945	The factory burned down by war
Aug 1945	Factory reconstruction
Jul 1948	"Takahashi casting Co., Ltd." established - Capital:1,500,000 JPY
Aug 1959	Shimura factory inaugurated
Jan 1990	Capital increased up to 18,000,000 JPY
Jan 1992	Fourth generation Masatoshi Takahashi inheritance
Mar 1993	Changed company name to [Hi-Cast Corporation]
Apr 1993	Hanyu factory inauguration, Shimura factory closed
Jun 2001	Hanyu factory new administration building completed
Nov 2001	Hanyu factory cast iron plant extension work completed
Nov 2004	Experiment & testing plant expansion
Apr 2005	Tent warehouse was built
July 2006	Core factory expansion
Dec 2009	Achieved DNV certification
Jan 2010	Fifth generation Kentaro Takahashi inheritance
Jan 2010	Analysis center office completed
Oct 2011	Achieved Eco-Action 21 certification
Sep 2012	Indicated Sai-no-Kuni factory
Jan 2013	Laboratory completion
Aug 2013	Achieved ISO 9001 certification
Jul 2015	The manufacture of high strength spheroidal graphite cast iron (H-FCD800) started. (Technical cooperation with Omecasting Co.Ltd)
Jun 2016	100th anniversary of foundation

MAP	
	<b>[Address]</b> 2-705-34 Hanyu Komatsudai Saitama Prefecture Japan
	<b>[By train]</b> About 5 minutes by taxi from the Hanyu hub station of Tobu Isesaki Line, Or, 30-minute walk
	<b>[By car]</b> About 10 minutes from Hanyu IC of the Tohoku Expressway
