Top message

Our company is known for having been passed down though 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.

President
Kentaro Takahashi

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. Alls 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 has been performed accordingly.
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

<table>
<thead>
<tr>
<th>Material (Grade)</th>
<th>Handling weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>gray cast iron (FC150, FC250, FC300, FC350)</td>
<td>1~1,500kg</td>
</tr>
<tr>
<td>spherical graphite cast iron (FCD450, FCD600)</td>
<td>1~1,500kg</td>
</tr>
<tr>
<td>high strength spheroidal graphite cast iron</td>
<td>1~1,500kg</td>
</tr>
<tr>
<td>(H-FCD800 H-FCD1000)</td>
<td></td>
</tr>
</tbody>
</table>

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
  - FCD 400 150 Kg
- Die-cast parts
  - FC 250 1,500 Kg
  - FCD 600 170 Kg
  - FCD 600 500 Kg
- Construction machinery parts
  - FC 250 70 Kg
- Cut-off machine parts
  - Part for semi-conductor manufacturing apparatus
  - FC 250 300 Kg
- Railroad part
  - FCD 400 150 Kg
- Hydraulic component
  - FCD 300 200 Kg
- Injection molding machine
  - FCD 450 600 Kg

Quality assurance system corresponding to the critical safety parts
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: http://www.hicast.jp
Facebook: http://www.facebook.com/hicast1916
E-MAIL: info@hicast.jp

Business lines:
Manufacture and sale of castings

Main products:
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:

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 1946: 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:Hanyu factory inauguration, Shimura factory closed
Apr 1993:Third generation Kinji Takahashi inheritance
Jun 2001:Hanyu factory new administration building completed
Nov 2001: Hanyu factory cast iron plant extension work completed
Nov 2002: Experiment & testing plant expansion
Apr 2003: Tent warehouse was built
July 2004: Core factory expansion
Dec 2005: Achieved DNV certification
Jan 2010: Fifth generation Kentaro Takahashi inheritance
Jan 2011: 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 2013: 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

[Address]
2-705-34 Hanyu Komatsudai Saitama Prefecture Japan

[By train]
About 5 minutes by taxi from the Hanyu hub station of Tobu Isesaki Line, or, 30-minute walk

[By car]
About 10 minutes from Hanyu IC of the Tohoku Expressway