

TAKAOKA **SEISAKUSHO CO.,LTD.**

CORPORATE PROFILE



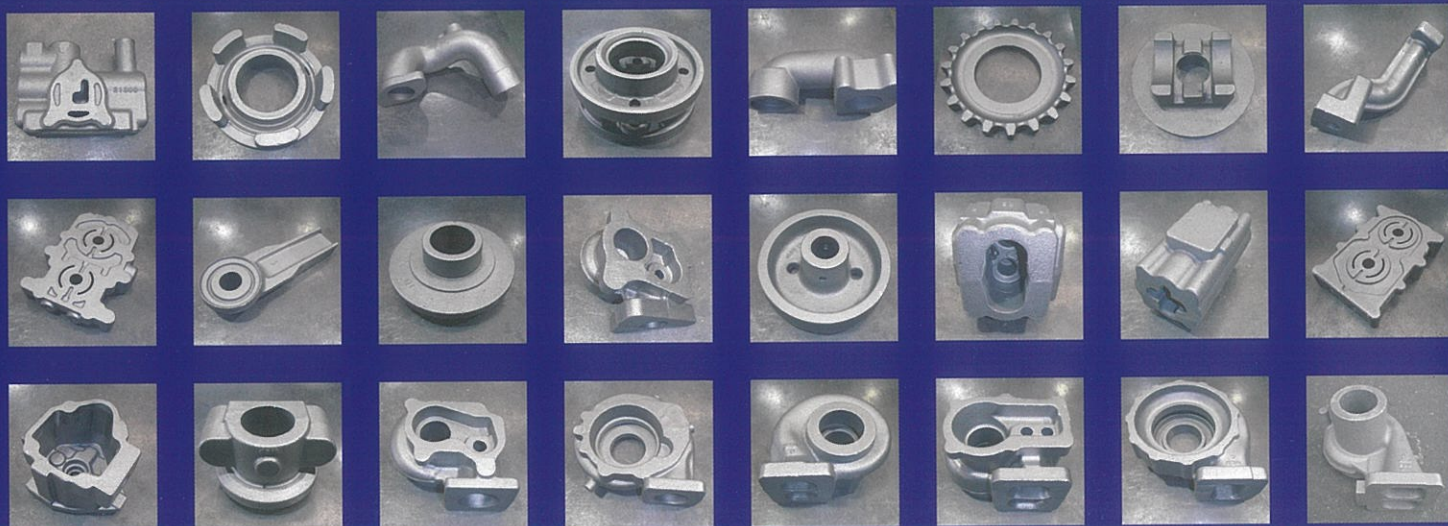
■ Corporate information

■ Company Name	TAKAOKA SEISAKUSHO CO.,LTD.
■ Established	December, 1942
■ Common Stock	20 million yen
■ Head Office	123-14 YOKKAICHI TAKAOKA-CITY TOYAMA, JAPAN
■ Number of Employees	40
■ President and Chief Executive Officer	Kazuhiro Nabe
■ Land area	Factory site : 5,000m ² Factory building : 1,905m ²
■ Industry	Cast iron Production capacity 500t/month
■ Main Businesses	Turbo charger parts, Gear pump parts, Construction machinery parts
■ Certification	Quality Management System : ISO9001 : 2008 Environmental management system : Eco-stage (Japan's own environmental management standard)
■ Cast iron production type	<ul style="list-style-type: none"> • Gray iron castings (FC100~FC300) • Compacted vermicular graphite iron castings (FCV350,FCV410) • Spheroidal graphite iron castings (FCD450~FCD700) • High silicon molybdenum iron castings (HiSiFCD500)

Ratio of cast iron production type



■ List of Products

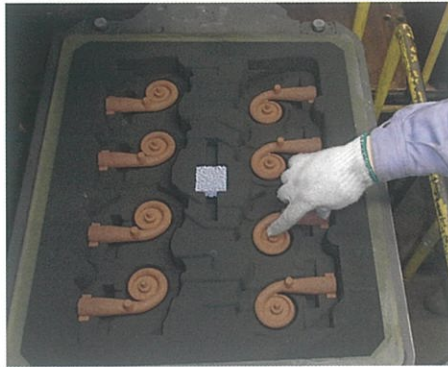
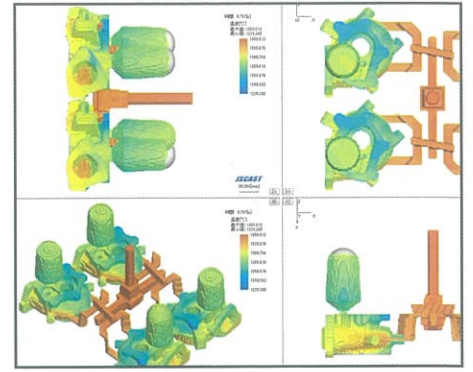
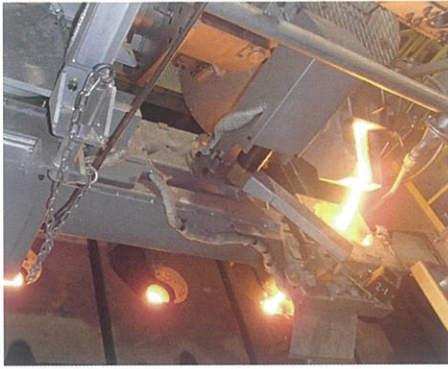


■ Holding facility

Division	Name	Spec・Capability	Quantity
Dissolution equipment	High-frequency induction furnace	Made by Fuji Electric 1500kw・2000kg	2
	Dust collector	Ability:200m ³ /min	1
Pouring equipment	Automatic pouring machine PCF type	Made by Tokyu 600kg/batch	1
Molding equipment	No frame type molding machine AMFVIII-06R type	Made by Tokyu Frame size:610×508×200/200mm Molding speed:30sec/cycle	1
	Automatic molding line	Mold in the cooling time:90min (Total:124 mold)	1
Sand processing equipment	Mix muller kneader MSK-25 type	Made by Sinto Simpson's Ability:25t/h	1
	Moisture controller MICX type	Made by Sinto	1
	Sand cooler	30t/h	1
	and bin	35t	2
	Cooling drum	45t/h	1
	Dust collector	Ability:750m ³ /min	5
After Treatment equipment	Shot-Blasting Apron type	Made by Sinto Ability:1000kg/batch	2
	Air shot blast Nozzle type	—	1
	Hydraulic folding machine	—	3
	Barinder	Made by Koyama	4
	Double-headed grinder	—	1
Inspection equipment	Emission spectrometry machine Maxx type	Made by Spectro	1
	Molten metal controlling device at furnace	Made by Narick	1
	Spheroidized measuring instrument	Made by Kusaka metals	1
	Universal testing machine	Made by Shimazu	1
	Brinell hardness tester	Made by King	1
	Stereomicroscope	—	1
	immersion molten metal thermometer	Made by Nissab	2
	Radiation thermometer	Made by Land	1
	Endoscope system	Made by Mils	2
	Compactability tester	Made by Simpson	1
	Compressive Strength Meter for Green Sand Mold	Made by Nakayama	1
	ultrasonic test instrument	Made by GE	1
	CAE system JSCAST	Made by QUALICA	1
	3D measurement arm FARO Prime type	Made by FARO	1
	3D CAD KEYCREATOR	Made by KUBOTEK	1

We can cast the product weight 0.1kg~40kg. In order to respond to the customer's request, high-variety low-volume manufacturing and quick delivery is possible, the number of products are about 1500.

We manufacture difficult to cast hydraulics parts as well as turbocharger parts — which have seen an ever increasing demand in recent years. We create high quality products through the efficient use of a CAE casting system. This allows us to lower the amount of trial manufactures necessary — which speeds up delivery time of newly developed parts. Costs are also lowered due to the reduction of testing fees and wasted materials. Our system is also better for the environment since it lowers the amount of energy used for testing and the amount of industrial waste produced. The variety of inspection machinery our facilities are equipped with also guarantees our products are manufactured with the utmost quality assurance.



Hot passion for casting.

We are always the challenge of new possibilities.

TAKAOKA SEISAKUSHO CO.,LTD.

123-14 YOKKAICHI TAKAOKA-CITY TOYAMA, JAPAN

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