

Isfahan Casting Industries Co.



I.C.I





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Masoud Saba

Deputy of CEO, Industrial Engineer

True culture of quality is an environment in which employees not only follow quality guidelines but also consistently see others taking quality-focused actions, hear others talking about quality and feel quality all around them.

COMPANY PROFILE

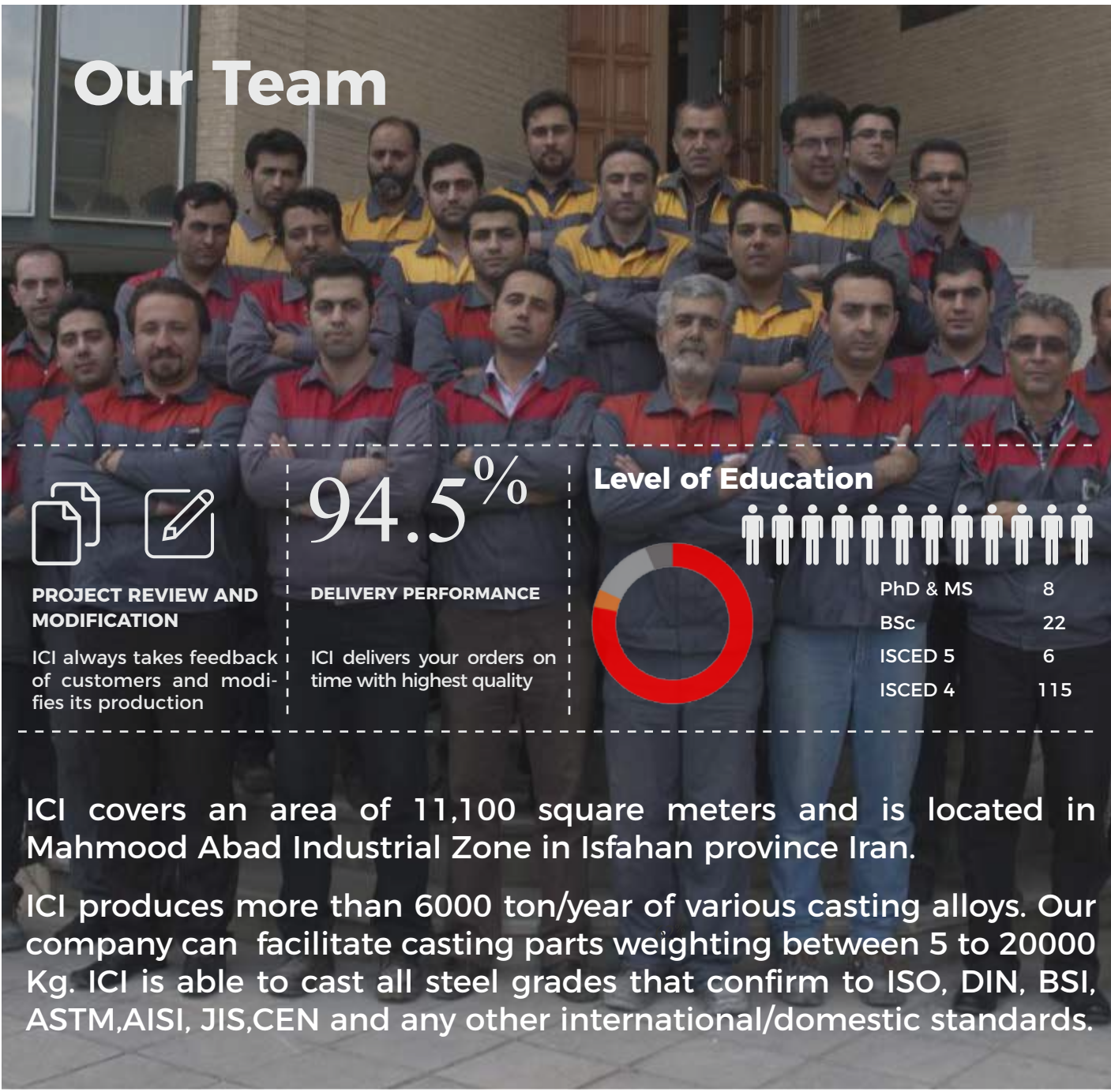
Isfahan Casting Industries was founded in 1986, with the aim of casting cast-iron and alloy steel grades. Over the years, ICI has enjoyed both technical and commercial success. At ICI, our commitment to utilize the latest innovations and technologies sets us apart from other steel casting companies and foundries.

Regardless of your needs, our well-versed metallurgists can support you from initial consultation till the end of the designing and manufacturing process, in order to increase parts lifetime and reduce maintenance and service costs. ICI's casting technologies are number one among the Iranian companies due to the professional R&D and the close scientific relationship with universities.

Our highly valued clients trust in ICI's professional services and high quality casting parts since decades. We proudly supply a variety of domestic and international companies in different industrial areas. Customers enjoy highly competitive advantages such as rapid answers on requests, sample items, flexible casting capabilities, value added services, design assistance, complete material integrity and competitive prices.



Our Team



PROJECT REVIEW AND MODIFICATION

ICI always takes feedback of customers and modifies its production

94.5%

DELIVERY PERFORMANCE

ICI delivers your orders on time with highest quality

Level of Education



PhD & MS	8
BSc	22
ISCED 5	6
ISCED 4	115

ICI covers an area of 11,100 square meters and is located in Mahmood Abad Industrial Zone in Isfahan province Iran.

ICI produces more than 6000 ton/year of various casting alloys. Our company can facilitate casting parts weighting between 5 to 20000 Kg. ICI is able to cast all steel grades that confirm to ISO, DIN, BSI, ASTM,AISI, JIS,CEN and any other international/domestic standards.

ICI was founded and developed by Mr. Hajirostam and is managed by the board of directors: Mr. Hajirostam, Eng. Saba and Mrs. Borhani.



Mr. Hajirostam

OUR PRODUCTS

Manufacturing products for mining, cement, railway and iron & steel making industries requires not only state of the art manufacturing facilities and experienced staff, but also more importantly, direct engagement with customers processes. This allows us to produce high quality products, striving to consistently exceed customers expectations.

ICI has been priced as one of the best companies in casting industries for seven consecutive years from 2009 by Iranian Ministry of Trade, Mining and Industries. Furthermore the same authority has awarded ICI have the best R&D center in 2014.





ICI is the leading company for the production of sophisticated steel castings with a wide range of alloys. We have been at the forefront of all casting companies in Iran for over 40 years, due to our steady growth and the continuous improvement of our casting technologies. 50% of our productions are used in mining, 25% in cement, 8% in railway and 17% in iron and steel making and other industries.

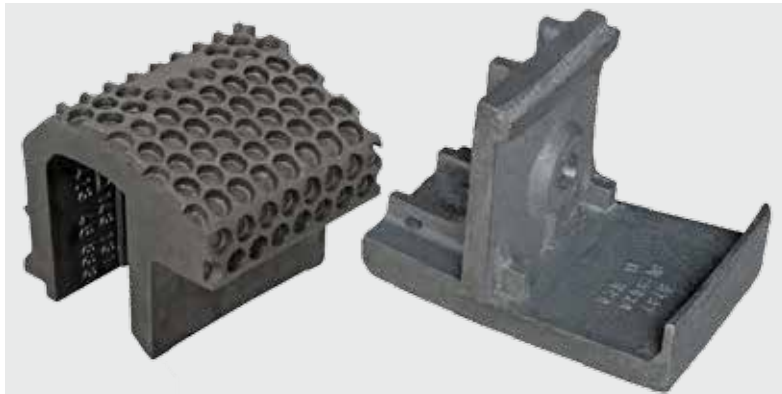
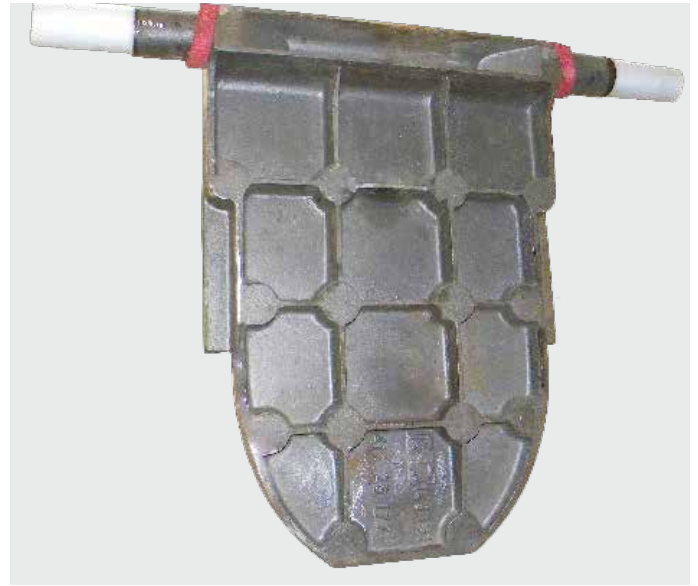
Railway Products



ICI has started manufacturing railway products in 1996 and has significant experience in this field. The most important products of ICI for railway industries are SA3 automatic coupler and draft gears / shock absorbers (both spring steel and elastomer spring). Other products: center plates; pivot bearings; center bearings; pulling dogs; spring caps; brackets; separator levers; safety locks and stop plates.

Cement Products

ICI is producing and supplying a wide range of heat resistant cast steels, wear resistant parts, impact resistant parts and low-alloyed steel parts for the use in the cement production. Grate cooler plates, immersion tubes, furnace segments and mulden and bridge plates are samples of heat resistant steel castings. The diaphragm and the grates are designed in such a way as to provide the maximum wear life as well as resilience. Hammers are samples of impact resistant parts and bearing housings are samples of low alloy steel parts.



In response to specific customer needs, ICI has developed a complete range of alloys suited for all cement industries. Our metallurgists define the alloy composition as well as the heat treatment based on the requirements, such as impact resistance, abrasion and corrosion resistance operating temperatures and external influences to give the parts the best properties for best durability and safety.

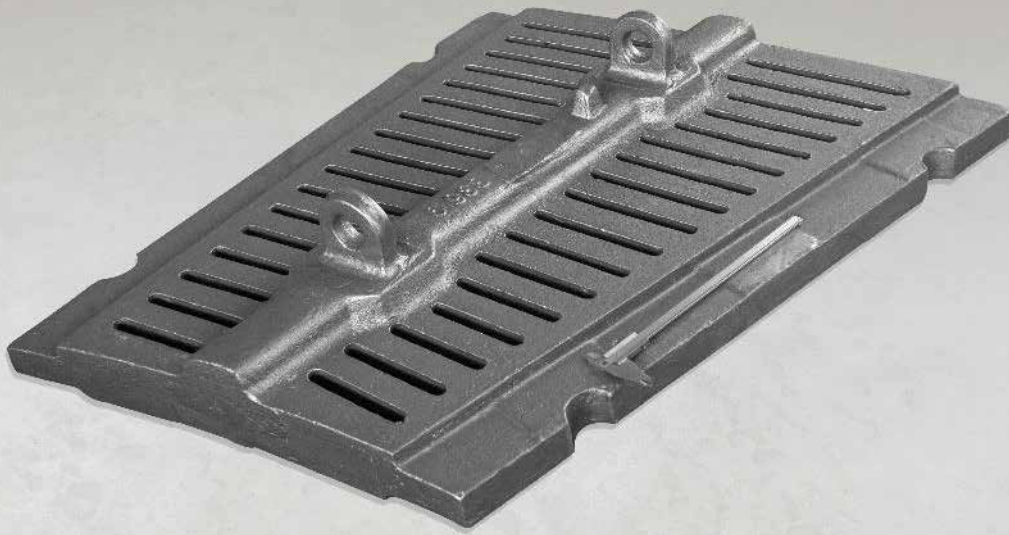
Impact, abrasion and corrosion resistance, operating temperatures and the material to be processed are significant requirements that our engineers incorporate into the design and layout of the parts and into the selection of the right alloys.



Mining

Products





ICI has decades of experience in producing spare parts for mining industries and is the best supplier of all Iranian mining companies.

Mill spare parts: LISA DISCHARGE LINER, INNER HEAD LINER, SHELL LINER, MIDDLE HEAD LINER

Transferring and earth moving spare parts: SHOE and NAIL for MINING SHOVELS

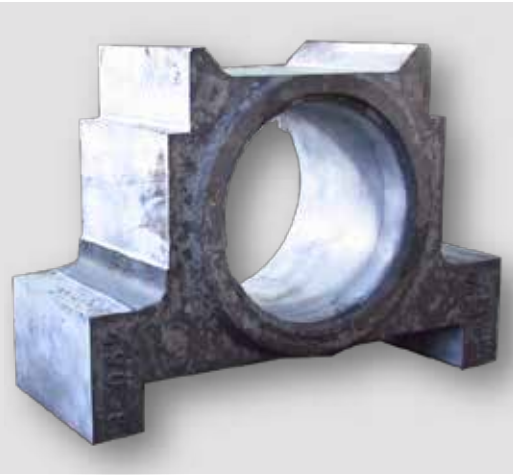
Spare parts for gyratory crushers: GRIZZLY LINERS, CONCAVES, SPIDER CAP, SPIDER BUSHING, SPIDER ARM SHIELD, RIM LINERS, PINION SHAFT LINERS

Hydromechanical spare parts: IMPELLERS, VOLUTES, FRAME PALTE LINERS and CASING of PUMPS and PUMP HOUSINGS

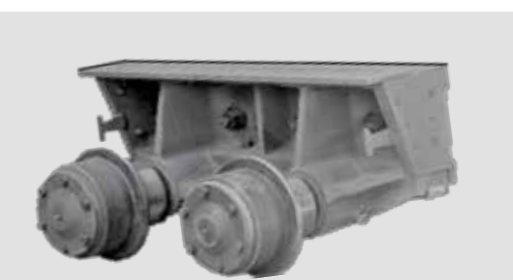
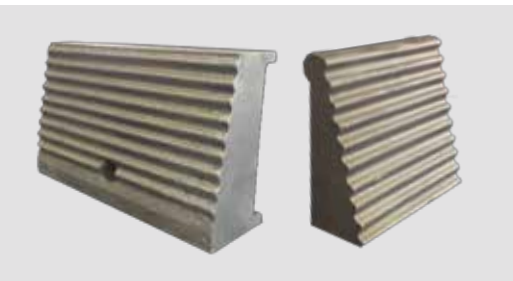


Iron and Steelmaking

Products



ICI produces different parts for iron and steelmaking industries, such as various types of bearing chocks with different dimensions and materials: Annular grate coolers (GGG70 ductile iron), sintering / pelletizing cars and equipment, brick retainers, grate conveyor chain parts, guide rollers, coupling heads, grizzly caps and grizzly spacers according to the requirements of customers. After the casting process is finished, parts undergo machining to give them their final shape.





Different kinds of cars: Sintering and Pelletizing cars are produced by ICI for the main Iranian iron and steelmaking companies. Shape and material of each type of pallet car is influenced by technical requirements and customers needs.

Aluminium Smelter

Products



ICI developed and designed new 1000 lb ingot molds for aluminium smelter factories in order to increase the lifetime of the molds and improve the final shape of the ingots. The new design increased performance by around 40% compared to the common molds. Furthermore ICI designed new K-design anode yokes with round cross section in order to improve current flow.



Other Industrial Products



ICI has the technical possibilities to manufacture a wide range of casting parts with a weight between 5 to 20 000 Kg (net casting weight). All cast iron and cast steel grades conform with GOST, ISO, DIN, B.S. ASTM/AISI, JIS and any other international/national standards and depend on the requirements of customers and are producible in our company. Our engineering team constantly evaluates the performance of the parts and conducts a vast scientific research in order to increase the lifetime of our products.



Certificates and Awards



ICI has been certificated for ISO 9001: 2015 valid until 2020, Quality Management System (QMS), ISO 14000: 2015 valid until 2020, Environmental Management System (EMS) and OHSAS 18000: 2007 valid until 2018 audited by SGS Swiss and Communauté Européenne (CE), certified for producing railway, cement and mining parts until 2017 by QAL UK.

Moreover, ICI was awarded Technical Quality Assurance (TQA) in Sep. 2014 by ICS CANADA. We have been selected repeatedly to do quality and engineering services for Iranian foundry companies.



Research and Development

Best Iranian R&D center

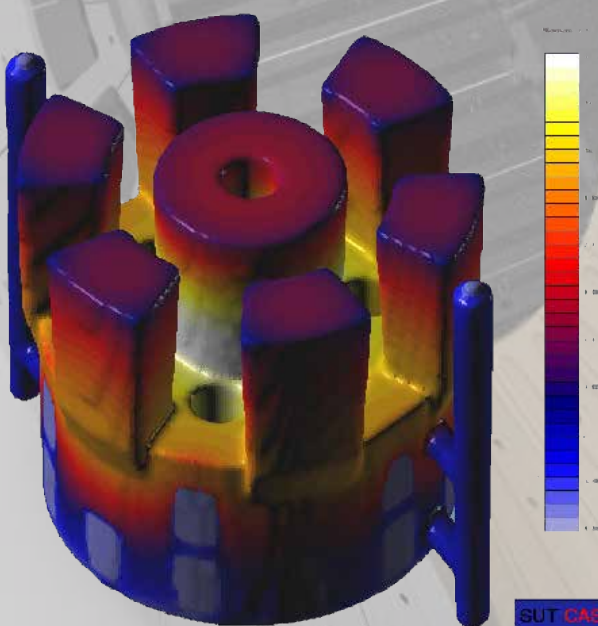
ICI has been awarded by Iranian Ministry of Trade and Mining T to have one of the best R&D centers for three consecutive years during 2011-2014.

A team of engineers carries out the evaluation of the performance of the wear resistant parts and conducts a vast scientific research in order to increase the lifetime of liners and to save energy.

Strong ties with universities and research centers

ICI has always maintained close ties with university research departments, particularly with the Isfahan University of Technology (IUT). Under the new research initiative these ties are growing even closer and expand to include other institutions.

Moreover, this unit is trying to study on different topics based on the needs and problems of customer in many different areas in order to improve the quality and efficiency of its production. Some of the project results were presented in national and international meetings and conferences and are also published on our website.



Casting design and simulation check points

1. gating system
2. review of casting defects
3. dimensions

SALES PARTNER

ICI is very pleased to announce a new strategic agreement with

MONTAN Trading e.U.

MONTAN Trading represents ICI in the European Union, bringing excellent sales and support experience in those regions to ICI.

As of September 1, 2016, MONTAN Trading took over the sales, marketing and distribution of ICI's range of casting products.

MONTAN Trading is committed to delivering optimal services and support. In this sense, some changes took place regarding whom you interact with and how you order products from ICI. From September 1, 2016, all orders for those areas should be placed via MONTAN Trading. For European customers, please send your inquiries directly to them or visit our partner online.

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MONTAN Trading



Notes

Notes

www.ici-company.com



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