

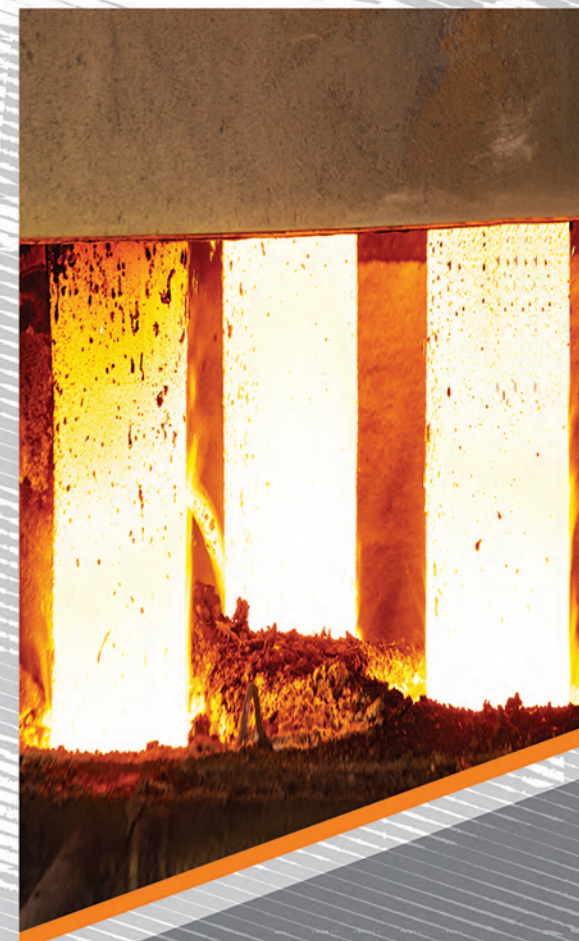


**HEAD OFFICE:**

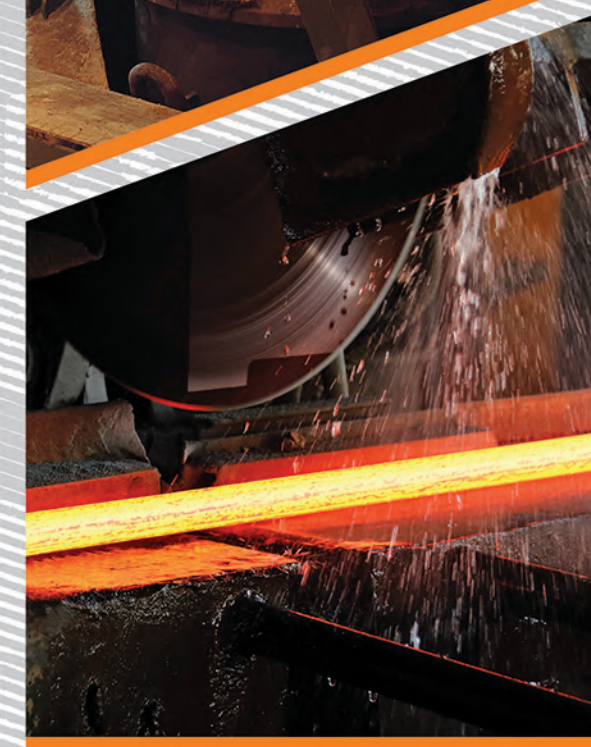
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**FACTORY:**

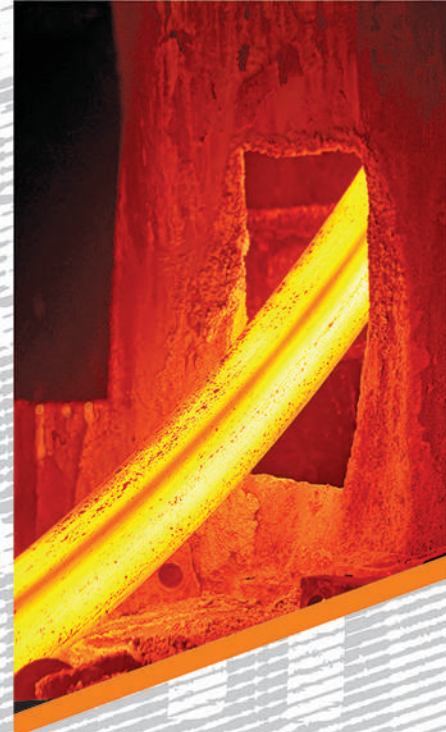
New Industrial Area, Ardestan - IRAN



**KFA**  
Kaveh Foolad  
Aria Complex







### ● Company Introduction and Capabilities

Established in the late 2010s and located in Ardestan, Isfahan province, IRAN, Kaveh Foolad Aria Complex (KFA) became operational in the field of manufacturing alloy steel billets, Alloy round-bars, coiled bars and alloy parabolic leaf, and currently it's the greatest producer of forged and roll-forged steel grinding balls in IRAN and the Middle East. KFA utilizes world-class advanced technologies including Electric Arc Furnace (EAF) featuring LF & VOD, Continuous casting machines (CCM), Hot roll units, forge and roll-forge units, along with taking advantage of the finest laboratory instruments certified by iso-17025, in order to conduct all necessary tests and operations.

Integrating the whole production process from A to Z in one complex, has made KFA capable of manufacturing high quality products in various sizes and grades with a very competitive final price.

Besides supplying the products to Iranian costumers, KFA has managed to export the products to other countries and has been awarded the title of "Appreciated exporter complex" by "Chamber of Commerce and industry of Iran".

### ● Electric Arc Furnace Unit

KFA's 30 tons Electric Arc Furnace (EAF) unit featured by LF and VOD technologies, is capable of manufacturing under Din, ASTM, GOST and other world-grade alloy steel billets such as 100Cr6, 70Cr2, 55Cr3, 51CrV4, 30MnSi, 38Si7, RST34, SWRY, 42CrMo4, 54SiCr6 and any other chemical composition regarding costumer's request. Alloy steel billets produced in KFA complex are being used by spring and other automobile parts producer companies.

### ● Continuous Casting Machine (CCM-2 Strands)

Our continuous casting machine unit is capable of casting alloy steel billets in different lengths and cross-section sizes such as 100\*100, 120\*120, 150\*150 and 180\*180.

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### ● Hot-Roll Unit

KFA's Hot-roll unit consists of four finishing stands and one roughing stand. This roller stands are capable of rolling alloy round-bars and rods from 25 to 80 mm diameter and various length on customer's request. KFA's 60-80 mm Round-bars and rods are mainly used in rod mill factories in the fields of glass making.

### ● Steel Grinding Balls

One of the most important products of Kaveh Foolad Aria Complex is steel ball for grinding purposes. The steel balls are produced through the method known as roll-forging and hammer-forging. Most common chemical compositions for steel ball are 70Cr2 (DIN 1.2007). Due to the advantage of using roll-forged steel balls, they are used ball-mills to grind different ores like iron, copper, gold, lead, zinc etc. KFA presents 20, 25, 30, 35, 40, 50, 60, 70 and 80 mm diameter steel balls through the roll-forging process and 90, 100, 110 and 125 mm diameter steel balls through hammer-forging process.

### ● Other Facilities

Our company is powered by 63 Kw power substation and our EAF unit is equipped by static VAR generator (SVG) unit.

In the field of standards, KFA holds various iso certificates such as iso 9001, 14001, 10002, 10004, 17025, HSE etc., that has given us the opportunity to supply the customers with the highest quality products.



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