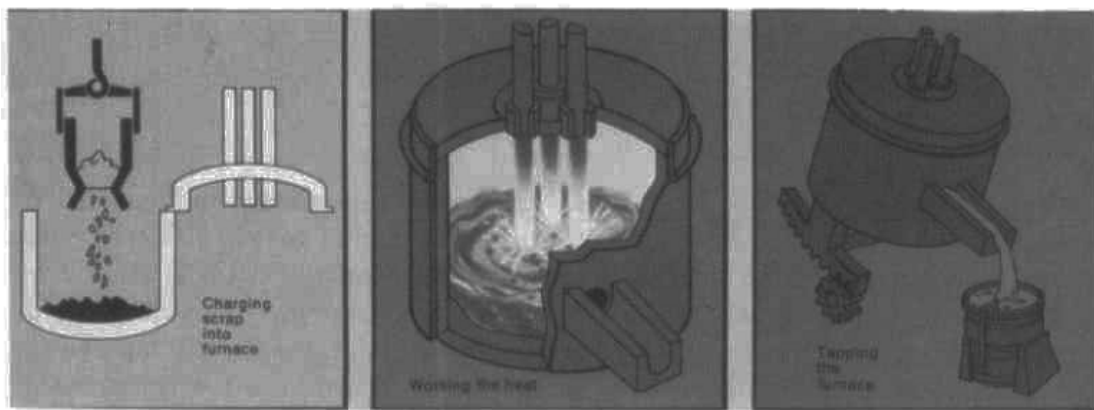

Electric Arc Furnace

Electric Arc Furnace is a furnace that heats charged material by means of an electric arc.

Arc furnaces range in size from small units of approximately one ton capacity (used in foundries for producing cast iron products) up to about 400 ton units used for secondary steelmaking. Arc furnaces used in research laboratories and by dentists may have a capacity of only a few dozen grams. Electric arc furnace temperatures can be up to 1,800 degrees Celsius. Arc furnaces differ from induction furnaces in that the charge material is directly exposed to the electric arc, and the current in the furnace terminals passes through the charged material.

Electric Arc Furnace can get better steel than induction furnace. The steel from electric arc furnace has less of sulfur and phosphorus. Then it's mechanical property will be good.



Electrodes positioned above cold steel scrap and arc is truck increased temperature control.

Casting Quality mainly cast gray iron, ductile iron, carbon steel, stainless steel, malleable iron, and aluminum alloy. Our products range:

1. Valve fittings(valve body, wheel, disc, bonnet and others)
2. Pump Parts (Body, impeller and others)
3. Fastener (Bolt, nut, stud and gasket)
4. Auto parts (drum, ...)
5. Pipe Fittings(malleable iron fittings, threaded stainless steel fittings, ductile iron fittings and others)

Method: Sand Casting, Investment Casting, metal casting, lost wax casting, iron casting.

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