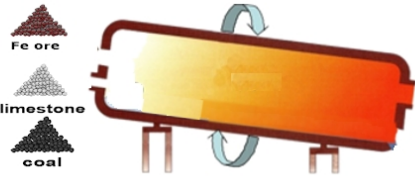


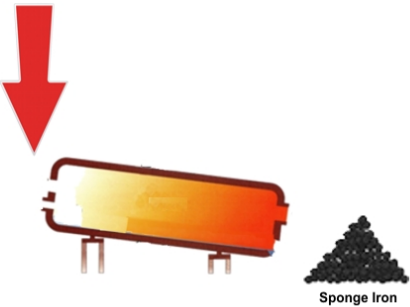
STEEL + DRI + POWER PRODUCTION PROCESS



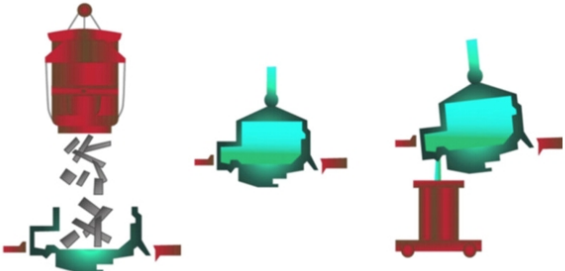
The raw materials - iron ore, coal and lime are fed into the Rotary Kiln where the process of reduction of iron ore takes place



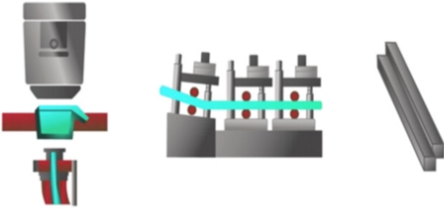
The steam generated from the exit of hot gases from the Rotary kiln is used to heat the boiler. As the boiler gets heated, it is used to run turbines for the cogeneration of power



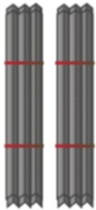
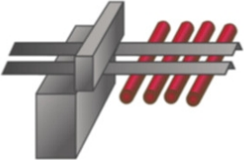
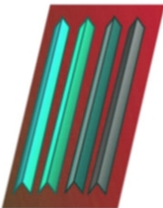
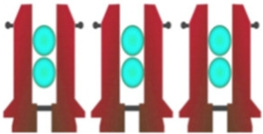
The directly reduced iron is discharged and cooled. DRI/Sponge iron and charcoal are magnetically separated and stacked.



DRI/Sponge iron is loaded into induction furnace & melted. The furnace is not tapped.



The Molten steel is taken to the ladle Metallurgical Station to be refined and stirred. Then it is poured into the continuous caster where molten steel solidifies into strands. The strands are cut into billets.



The billets are reheated and transferred for processing into the rolling mill. A finished product emerges onto the cooling bed.

The Finished product is cut, straightened, and banded for shipping