The Process of Steel Making

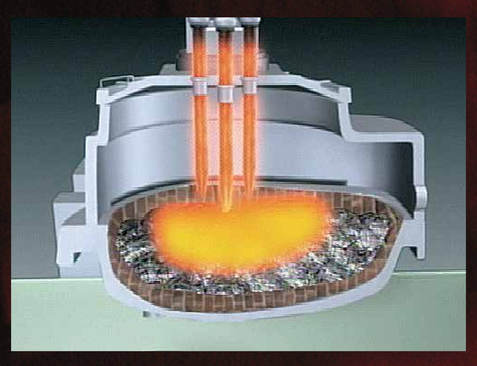
Process4 **鋳造** ◀ Process3 **脱ガス** ◀ Process2 **精錬** ◀ Process1 **一次溶解**

【一次溶解】

Electric Arc Furnace

―アーク炉―

先駆者のノウハウ、結集。



最適配合のスクラップに、電弧の火花が放たれる。
煮えたぎるマグマのような溶鋼が炉内を満たし、高品質を極める大同製品の原料が生まれ来る。
それはまさに、スクラップに再び命が灯され、鋼へと生まれ変わる、再生の刻。
日本初の電気製鋼を実現させ、鉄屑に命を与える、いわばリサイクル工場として
業界の頂点を走り続けてきた大同特殊鋼 知多工場。
そのノウハウの原点が、ここにはある。

The electric arc spark is emitted over the optimally-mixed scrap.
The molten steel fills the pot as if it were boiling magma
and turns into the material to make the highest-quality Daido products.
It is just the moment of reincarnation,
when the scrap is given life again to be reborn as steel.
The Chita Plant of Daido Steel initiated electric steel making for the first time in Japan
has revived scrap into steel, and thus led the industry as a sort of a recycling factory.
You see here the origin of its know-how.

The pioneer and its origins