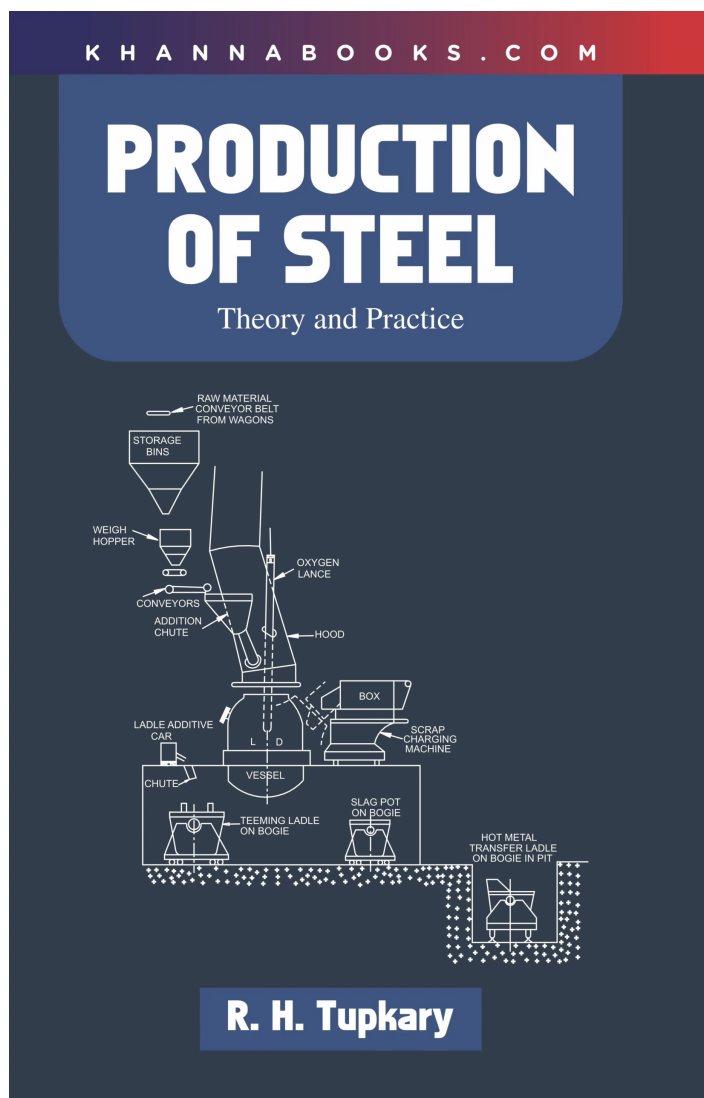




Production of steel (Theory and Practice)

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Product Description

Production of steel (Theory and Practice) "A good slag maker is a good steel producer" "In engineering and technology what can not be measured can not be controlled to improve the quality"

Table of Contents

Chapter 1: Steels. **Chapter 2:** Basic Principles. **Chapter 3:** Refining Slags. **Chapter 4:** Modern Systemic Approach. **Chapter 5:** Thermodynamic And Kinetic Aspects. **Chapter 6:** Historical Perspective. **Chapter 7:** Modified Processes. **Chapter 8:** Raw Materials. **Chapter 9:** Efficiency. **Chapter 10:** SMS Lay-outs. **Chapter 11:** Electric Arc Furnace. **Chapter 12:** Induction Furnace. **Chapter 13:** Conventional Alloy Steelmaking. **Chapter 14:** Designing. **Chapter 15:** Modern Electric Arc Furnace Processes. **Chapter 16:** BOF Process- Plant and Equipments. **Chapter 17:** BOF Process- Design and Practice. **Chapter 18:** Further Developments in BOF Process. **Chapter 19:** Oxygen Bottom Blowing Processes (OBM). **Chapter 20:** Hybrid BOF Processes. **Chapter 21:** EAF with Oxygen Lancing. **Chapter 22:** Secondary Steelmaking Process. **Chapter 23:** Solidification of Steel. **Chapter 24:** Vacuum Treatment of Liquid Steels. **Chapter 25:** Continuous Casting of Steel . **Chapter 26:** Commentary on Practical Steelmaking. **Chapter 27:** Values from SMS-wastes. **Chapter 28:** Dynamic Material balancing. **Chapter 29:** Steel plant Management Practices. **REFERENCES INDEX**

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