

1. Record Nr.	UNINA9910913791903321
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Titolo	New Generation TMCP Technology for Hot Strip / / by Guo Yuan, Zhenlei Li, Jian Kang
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819752577 9819752574
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (494 pages)
Collana	Key Steel Manufacturing Technologies by Collaborative Innovation, , 2731-9741
Altri autori (Persone)	LiZhenlei KangJian
Disciplina	620.16
Soggetti	Metals Building materials Metals and Alloys Steel, Light Metal
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Core Mechanism of New Generation TMCP and UFC Technology -- Complete Set of Equipment and Key Process Technologies of NG-TMCP -- Development of Process Model System and Key Technologies -- Production Line Layout and Product Process Design of Hot tandem rolling Based on the NG-TMCP -- Development and Application of Low Cost Plain Carbon Steel (TMCP-F) -- Development of Economical High Performance Thick-gauge Pipeline Steel (TMCP-B) -- Development of High-grade Pipeline Steel with Low Internal Stress (TMCP-B) -- Development of Low-cost Hot rolled Dual Phase Steel (TMCP M) -- Development of Hot rolled Q&P Steel with High Product of Strength and Elongation (TMCP-M).
Sommario/riassunto	This book introduces the process principle of the new generation of controlled rolling and controlled cooling with ultra fast cooling technology as the core, the latest research progress of ultra fast cooling technology and its industrial application. This book covers the process principle, complete sets of equipment and key technologies, automatic control system, product process technology and industrial

application practice of typical products of the new generation of controlled rolling and cooling technology for hot strip mill. This book can be used as a reference for scientific researchers and engineering technicians engaged in the research of material processing engineering and the development of hot strip varieties.
