KAWASAKI STEEL TECHNICAL REPORT

No.16 (June 1987)

Full Continuation of Descaling and Cold Rolling Mill

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Synopsis:

The existing conventional pickling line (No.2 CPL) and the batch type cold tandem mill (No.1 TM) at Mizushima Works were modified into a fully continuous descaling and cold rolling mill in June 1985. On the other hand, we have been operating new KM-CAL since February 1984. As a result, we can produce cold rolled strip using only two processes, that is, the fully continuous descaling and cold rolling mill and KM-CAL. This paper reports new technology necessary for combining a pickling line with a cold tandem mill for a continuous operation; high efficient descal

Full Continuation of Descaling and Cold Rolling ${\rm Mill}^*$







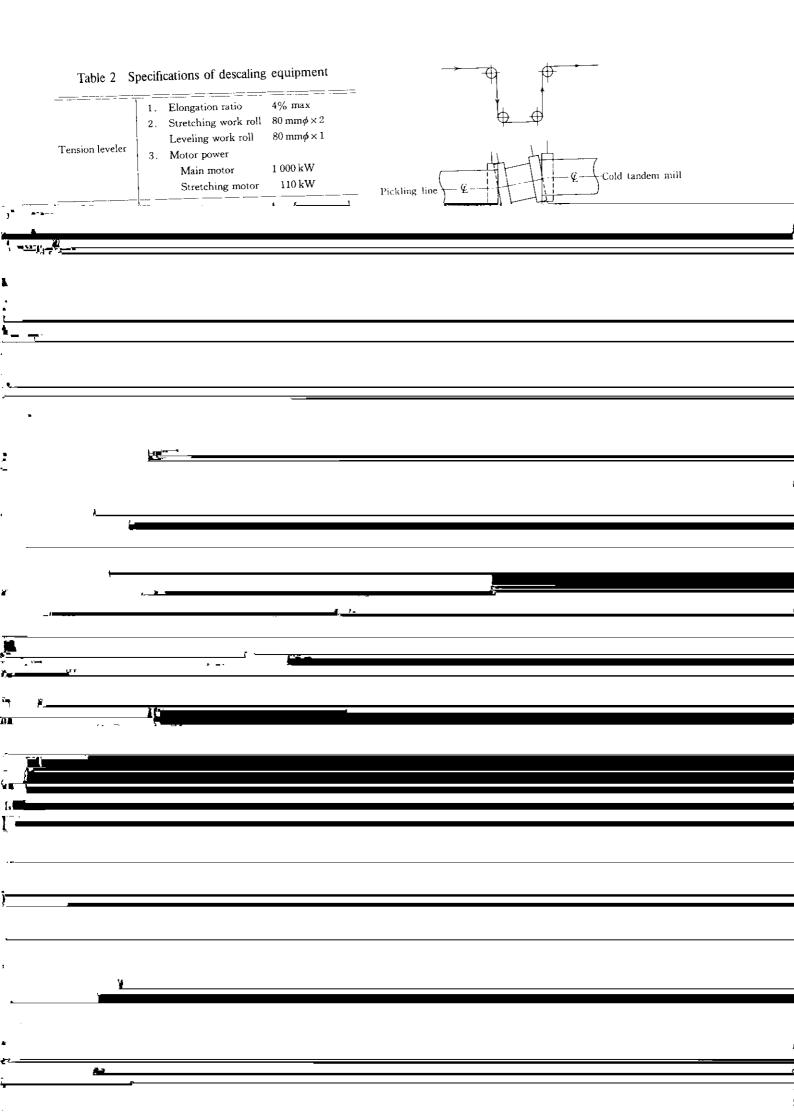
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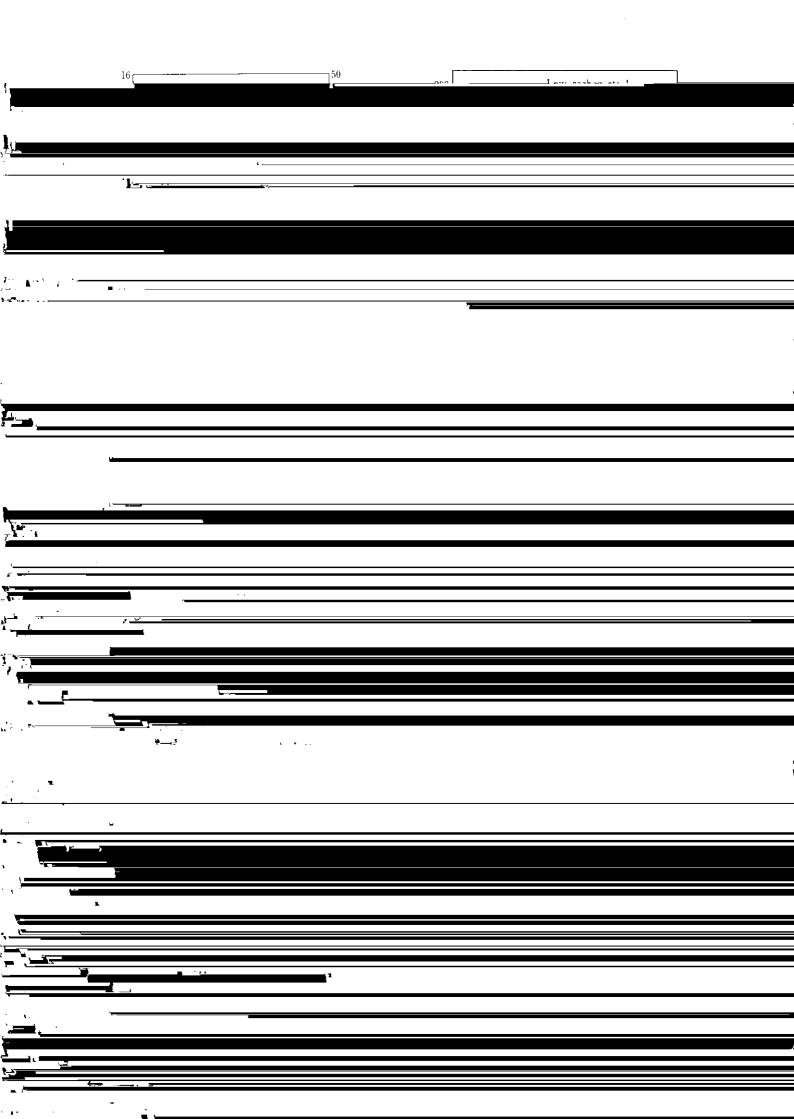
The existing conventional pickling line (No. 2 CPL) and the batch type cold tandem mill (No. 1 TM) at Mizushima

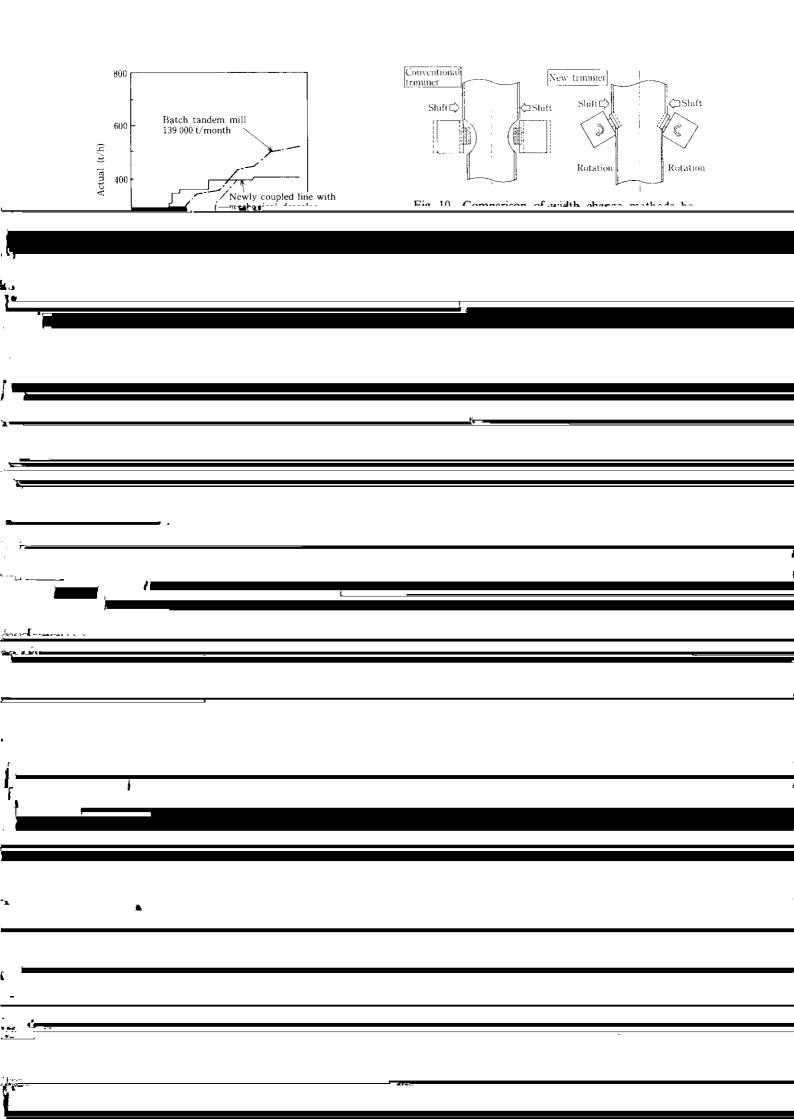
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Table 1 Main specifications

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Entry section		Desc	caling section	Trimr	ner section	M	fill section			
	Line speed		620 m/min	Line speed	320 m/min	Line speed	380 m/min	Mill speed	1 930 m/min	
	Loop car capacity		480 m	Loop car capacity	200 m	Loop car capacity	350 m	Cutting speed	400 m/min max	
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If the following	notations,		1.0	<u> </u>	= 2.3 mm	
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