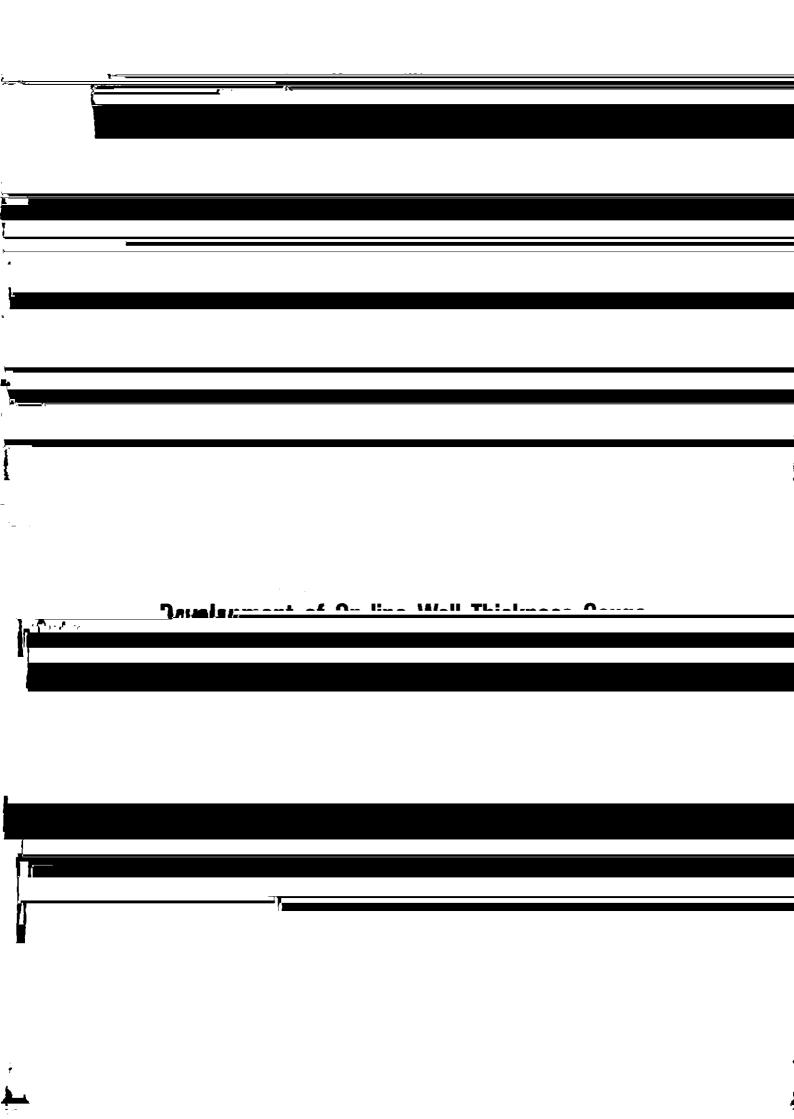
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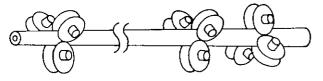
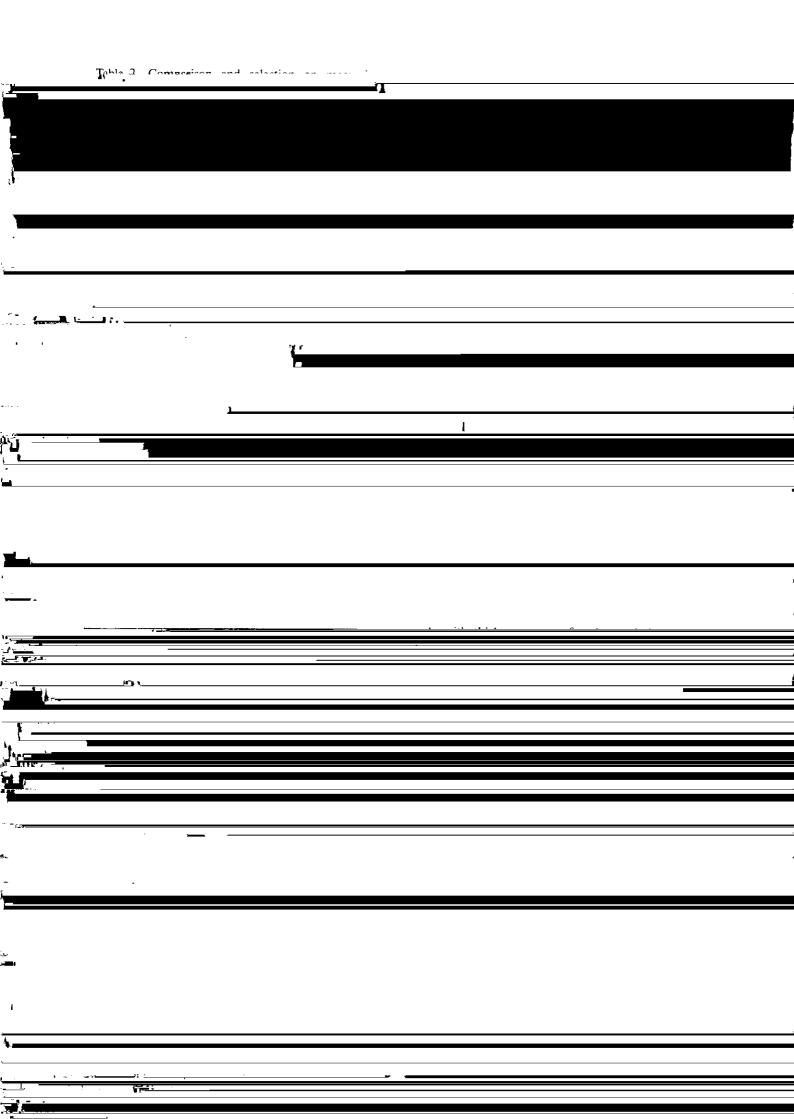


Fig. 1 Schematic illustration of rolling process of stretch reducing mill

)ff-gauge		Off-gat	ıge
		-	
	nventional profile)
\sum_{i}	inventional profile		/ Unnar limitation

Items		Specifications		
Diameter	(mm)	21.0~177.8		
Wall thickness	(mm)	2.0~ 35.0		
Length	(m)	6~ 67		
Tube speed	(m/s)	2~ 8		
Tube temperature	(°C)	600~950		
Tact time	(s)	Min. 15		
Response		0.01 s or 100 mm		
Accuracy		$\pm 0.1 \mathrm{mm} 100 \mathrm{mm} \phi \times 10 \mathrm{mm} t$		
Allowance of swing (mm)		<u>±</u> 10		



	this characteristic function is given by Eq.(2), it is	89	
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