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Hot Rolling Technology for Producing High Quality Stainless Steel at No. 3 Hot Strip Mill in Chiba Works

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Synopsis :

No. 3 hot strip mill in Chiba Works of Kawasaki Steel started its operation in May 1995. The mill meets the strict quality requirements of customers in recent years and expands the product size of stainless steel. The dimensional and surface quality of stainless steel at No. 3 hot strip mill further advanced by introducing highly accurate and high-response thickness gauge control, set-up and dynamic control for optimizing crown and flatness at pair cross mill, equipped with on-line roll grinder, and edge-seam control.

(1) Product size of hard steel strips su

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at No. 3 Hot Strip Mill in Chiba Works

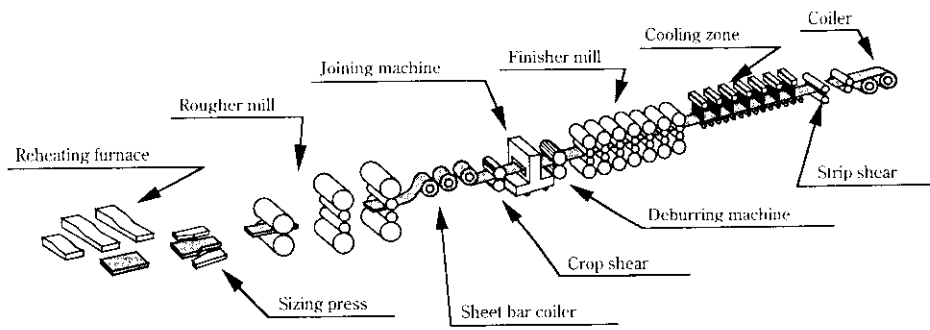
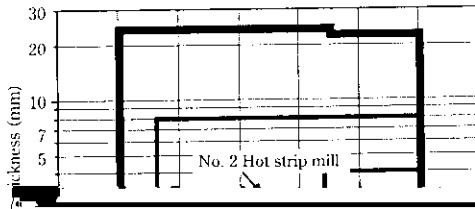


Fig. 2 Layout of No. 3 hot strip mill



予測してロール圧下位置を決めるセットアップ制御、(2) 最先端の板厚精度を出すための絶対値ゲージメータ方式による自動板厚制御 (AG-AGC) と中間スタンドのX線厚み計の実績をもとに圧下位置を決定するダイナミックセットアップ (DSU)、(3) バー内の板厚変動に対応するためのミリ間隔可変制御 (MMC)、X線厚み計を用

Process computer

