

Sendzimir ZR 21

INNOVATION BY DESIGN

Design, Fabrication, Installation, Maintenance

The ZR 21 Sendzimir Cold Rolling Mill is principally used for the rolling of stainless steel and silicon steel.

The ZR 21 mill is the most powerful Sendzimir mill yet built. The four drive rolls transmit very high torque and therefore permit heavy reductions at high speeds. This arrangement will permit economical production of thin gauge stainless steels

One of these mills with a total of 30,000 H.P. is amongst the most powerful reversing cold mills in the world.

The ZR 21 mill also has different diameter work rolls, depending upon the requirements of each particular unit, which are designated by ZR 21B, ZR 21BB, ZR 21MB, ZR 21A, ZR 21AA.

The ZR 21 mill is used in conjunction with a tandem mill, which produces heavy and light sheet gauges.

The advantages of this arrangement are:

- Ability to use heavier hot rolled gauge
- Increased capacity of hot tandem mill
- Increased capacity of cold tandem mill
- Ability to produce light gauge stainless steel more economically
- Low investment for realization for above advantages



There are many other applications for which this extra heavy mill can be used, such as; stainless breakdown, production of wide, low carbon sheets, and rolling of extra wide material for the aircraft industry. The unique design of the Sendzimir mill allows building the ZR 21 mill section for rolling strip in widths of approximately 74”.

ZR 21B	Inches	MM
Normal Work Roll Diameter	3.5	90
Back Bearing Diameter	16.000	406.4
Minimum Strip thickness	0.0035	0.09
Max width of strip: Narrow Mill	33	840
Max width of strip: Widest Mill	74	1880

Contact Sendzimir to order your ZR 21B Mill Today!
Phone: 203-756-4617 or Email sales@sendzimir.com