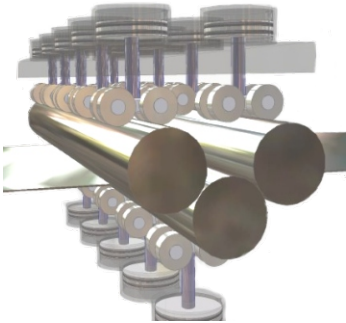


# Sendzimir Wiping Systems

INNOVATION BY DESIGN

Design, Fabrication, Installation, Maintenance

There is rarely one single system that fits all mill applications. With this thought in mind, T. Sendzimir, Inc. has designed some standard features that usually require some customization to fit each application.



In general, we always believe in a “system” of wiping. That is, several incremental wipes of the strip. We use specialized systems for emulsion systems vs. mineral oil systems. We use different designs for narrow mills vs. wider mills. We use different philosophies of design for jobbing mills compared to high production mills and we use different designs for very thin gauge compared to heavy or intermediate gauge mills.

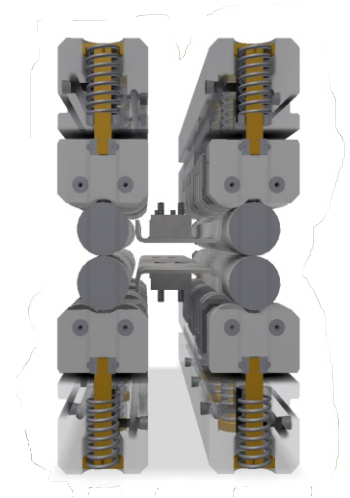
We like to use mill coolant on the exit side at high pressure to “push” the coolant back into the mill followed by coolant dams and often a damming set of rolls of larger diameter. Depending upon room availability, we often design for 3-roll or 4-roll Pollastrelli wipers based on the application.

What may not be readily apparent is the difference in design application between a 3-roll and a 4-roll wiper -they have distinctly different principles of operation.

Not all applications can use the Pollastrelli wiper concept and we can substitute additional damming rolls, air knives as the system dictates, or other unique design solutions.

Many of our designs are also sized so that they can easily be retrofitted to an existing mill. New mills allow a clean sheet of paper and far more options. In either event, we have a multitude of existing applications to give as a reference.

With the cost of oil today as well as the requirement for higher efficiency, it is imperative to remove as much oil as possible at reasonable mill speeds. Few other parts of the rolling mill have so much design time spent on them as wiping systems.



Let us show you a customized design solution for your mill today!