

# Pickling Services

## Processing Specifications:

Pickling Range: .060" gauge to .500" gauge  
In-Line Slitting: Multi cuts minimum width 7"  
Coil Weight: Up to 80,000 lbs. (a minimum coil length of 380 ft.)  
Outside Diameter: Entry: min. 32", max. 96" Exit: max. 80"  
Inside Diameter: Entry: 18" to 30" Exit: 20" or 24"  
Coatings: Application of specialty oils available  
Roller Leveler: .060" to .260" gauge (various yield strengths)

In-Line Roller Leveler, Repickling of Hotroll and Coldroll,  
Stop-Stain reduction and In-Line Oscillating Thickness Gauger with email report capability.

# Slitting

## Processing Specifications:

Materials: HRPO, HRPDry, CR, Galv  
Max. Y 70,000 psi., inquire if greater  
Min. Yield Strength: 30,000 psi.  
Max. Coil Weight: Entry: 80,000 lbs. Exit: 80,000 lbs.  
Max. Coil Width: Entry: 72" Norm. (74" max.) Exit: 72"  
Min. Coil Width: Entry: 12" Exit: 2"  
Max. Coil O.D.: Entry: 80" Exit: 80"  
Min. Coil O.D.: Entry: 36" Exit: 36"  
Coil I.D.: Entry: 20" to 24" Exit: 20" to 24"  
Max. Strip Thickness: 0.375" Min. Strip Thickness: 0.040"  
Side Scrap: Min: 0.1875" per side Max. 2.5" per side

# Packaging

Max. Slit Weight: 17,000 lbs.  
Min./Max. Width: 2" to 27"  
Coil I.D. 20" or 24"  
Coil O.D. 30" to 80"  
Max. Package Weight: 17,000 lbs.  
Max. Package Height: 38" (includes the material, spacers and skid height)  
Plastic Wrap: Available

\*Please refer to individual line capacities for more detailed processing information.



# Nelson Steel

a division of **SAMUEL**

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# Pickling Services

Nelson Steel has provided steel pickling services for over 40 years in the Canadian Steel Industry. We are strategically located in Southern Ontario to service your pickling needs.

Our in-line roller leveler is designed to remove flat rolled strip defects such as coil set, cross bow, edgewave and center buckle.

Available during pickling, our custom in-line slitting process provides an additional service to save time and minimize costs of further processing.

# Slitting Services

Our stand alone slitter and Packaging Line compliment the pickling process. The off-line slitting and packaging services provide value-added processing in one convenient location, providing a freight advantage.



# Pickling Services

At Nelson Steel, we offer the highest level of quality in the industry backed by a wealth of knowledge and experience in steel pickling technology. Our team is dedicated to exceeding the needs of our customers. We are ISO 9001 and 14001 registered and pride ourselves in maintaining a safe and healthy work environment for our employees.

Our pickling line operation offers in-line slitting, various coatings, side trimming and in-line roller levelling. Additional services include in-line thickness gauging which is available upon request. Gauging capability includes single point or profile mode which scans across the strip width. Reports are generated immediately and sent electronically.



Our processing is supported by the Nelson Steel Technology Group which has designed and installed patented systems worldwide to ensure optimal pickling for your product.



# Slitting/Packaging Services

Nelson Steel provides custom coil slitting and packaging as a natural extension of our pickling service. Quality, on-time delivery and customer satisfaction are our main objectives in providing these additional services.

Our slitting line is a state-of-the-art .375" gauge slitter, 72" wide with in-line shape improvement capability.

Our packaging line is capable of custom packaging a 17,000 lb slit coil. This line supports both our slitting and pickling line operations. Your product can be packaged in a stand-up position, up-ended onto skids or runners, and plastic wrapped if required.

We also offer EDI capabilities, AIAG Bar Coding and Rockwell testing.

