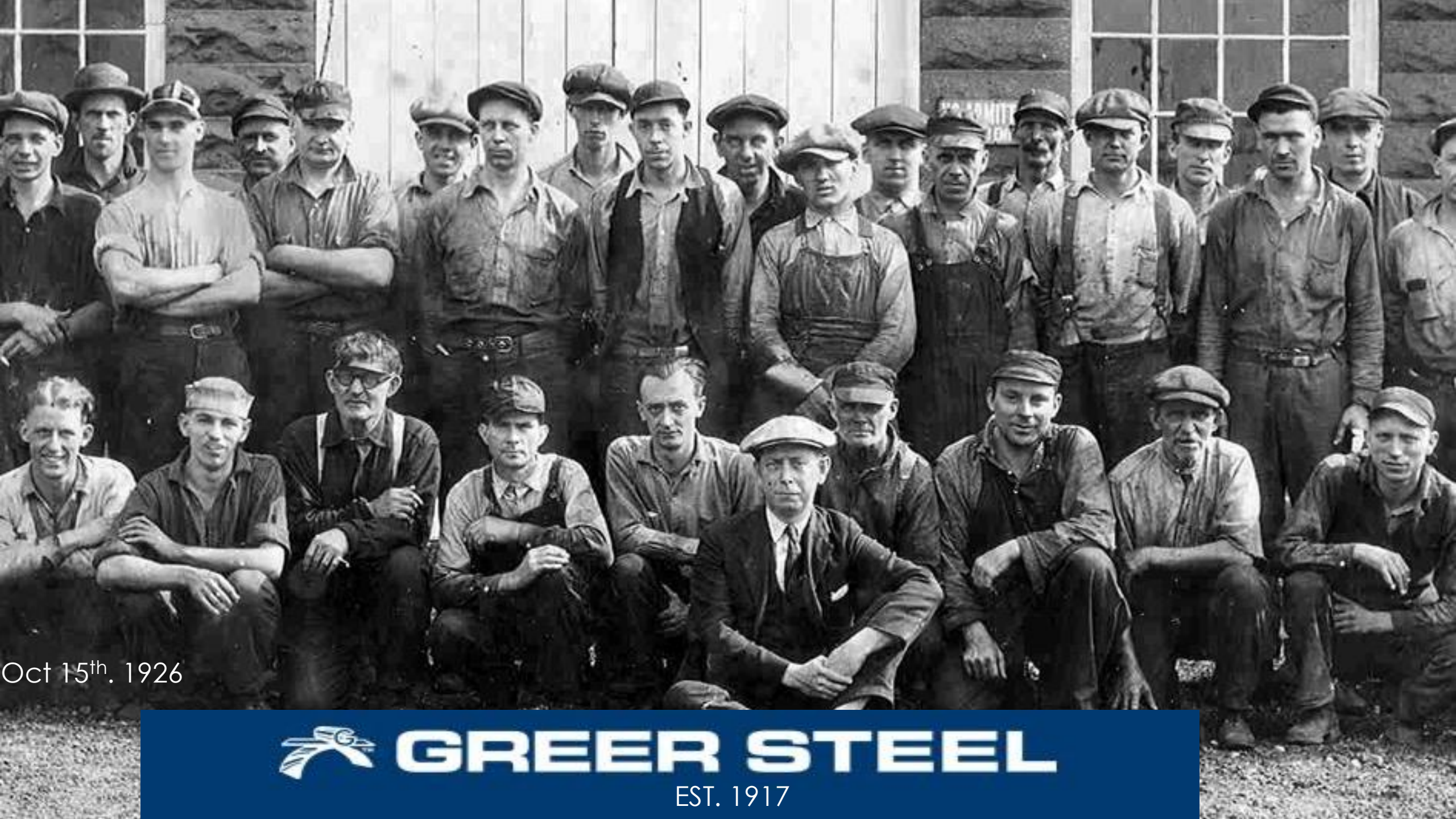


Oct 15th. 1926

GREER STEEL

EST. 1917


ABOUT US
In 1917, Agnes and H.C. Greer recognized a need for high-quality cold rolled strip steel.
Their solution: build a state-of-the-art manufacturing facility and produce the best quality strip available.
We're a Greer Industries Company.

Greer Steel Strengths

- Readily Available Spot Inventory
- Contract Management
- Toll Processing Support
- Tight Gauge Tolerances
- Bright Finishes
- Different Top and Bottom Finish(Duplex)
- 4 Embossing Patterns
- The Highest Quality Requirements
- Onsite A2LA accredited Metlab
- LaserMatte finish – only unit in North America
- Excellent Inside Sales Support
- Technical support from degreed Metallurgists

Dedication to Quality & Environmental Responsibility

IATF 16949:2016
CERTIFIED COMPANY
PRI Certification
PERFORMANCE REVIEW INSTITUTE

ISO 9001:2015
CERTIFIED COMPANY
PRI Certification
PERFORMANCE REVIEW INSTITUTE

ISO 14001:2015
CERTIFIED COMPANY
PRI Certification
PERFORMANCE REVIEW INSTITUTE

A2LA
ACCREDITED
CERT # 1421.01

A2LA Accredited Lab

- I. Mechanical Testing
  - Ductility (Bend and Flatten) ASTM E290
  - Rockwell Hardness ASTM E18 (HRBW, HRC, HR15TW, HR30TW)
  - Tension
    - Tensile (Room Temp, Up to 60klbs) ASTM E8, E517, E646, JIS Z2201
    - Tensile, Yield, Elong, r, n ISO 6892-1
- Surface Finish – Profilometer SAE J911
- Metallographic Evaluation
  - Preparation ASTM E3
  - Grain Size ASTM E112
  - Inclusion Content (Microscopic) ASTM E45 Method A
  - Decarburization (Microscopic) ASTM E1077, SAE J419
  - Structure ASTM A892, E1268
- Magnetic Testing – Coercivity Meter – Greer Lab Procedure 19
- IL Chemical Testing
- Optical Emission Spectroscopy ASTM E415
- Toll Processing Support
- The Laboratory is accredited for the test methods listed above. The accredited test methods are used in determining compliance with the material specifications listed above; however the inclusion of these material specifications on this Scope does not confer laboratory accreditation for every method embedded within the specification. Only the methods listed above on this Scope are accredited.

Low Carbon / HSLA Steel Capabilities

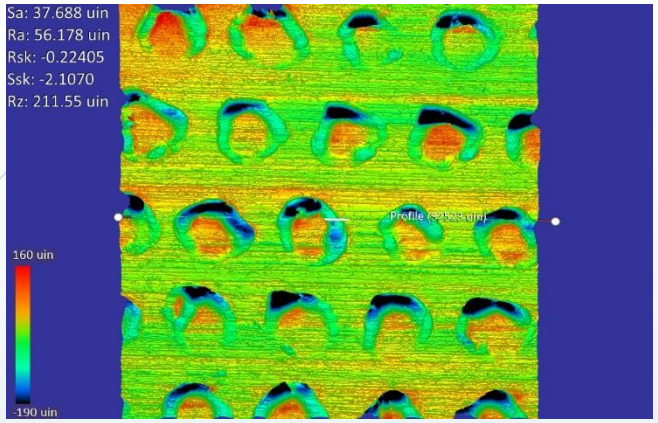
GRADES	1001-1020, 1500 Series, HSLA grades 035XF-080XF(240 X- 550 X), U-HSLA grades 100-160ksi (690-1100MPA)
THICKNESS	.015” to .187” (.380-.475mm) Lighter or heavier upon inquiry
WIDTHS	1” to 26” (25-660mm) Narrower or wider upon inquiry
FINISHES	#1 Matte - LaserMatte and conventional (20 min – 60 max Ra), #2 (20 max Ra), #2R (12-20 Ra) Lite Bright (10 max Ra) #2B Best Bright (5 max Ra) #3 Appliance Finish (3 max Ra) Various brushed, Duplex and Pattern finishes available upon inquiry
EDGES	1, 2, 3, 4, 5, 6 (other edge contours upon inquiry)
TEMPERS	#1 full hard, #2, #3, #4, #5 dead soft

High Carbon / Alloy Steel Capabilities

High Carbon & Alloy Steel Specifications

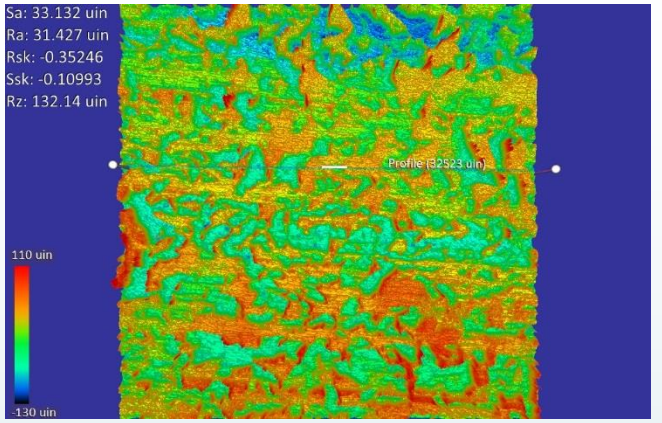
GRADES	1035 through 1095, 4100 Series,5100 Series,6100 Series, 8600 Series and D6A
THICKNESS	.015" to .187" (.381-.475mm) Lighter or heavier upon inquiry
WIDTHS	1" to 26" (25-660mm) Narrower or wider upon inquiry
FINISHES	#1 Matte - LaserMatte and conventional (20min and 60 max Ra) #2 (20 max Ra) #2R(12-20 Ra) #2B Best Bright (10max Ra) Brushed, Duplex and Alternate finishes available upon inquiry
EDGES	2, 3, 4, 5, 6 (for grades 1070 and higher, the edge is not fully healed)
TEMPERS	Hard rolled, intermediate tempers, spheroidized annealed

LaserMatte



LaserMatte Finish

-VS-



Blast Finish

- REDUCED FRICTION & GALLING IN DIES
- LONGER DIE LIFE
- LESS DOWN TIME
- IMPROVED MATERIAL FLOW
- IMPROVED PROCESS YIELD
- HIGHER RATES OF PRODUCTION
- AVOIDANCE OF COSTLY TOOL & DIE COATINGS

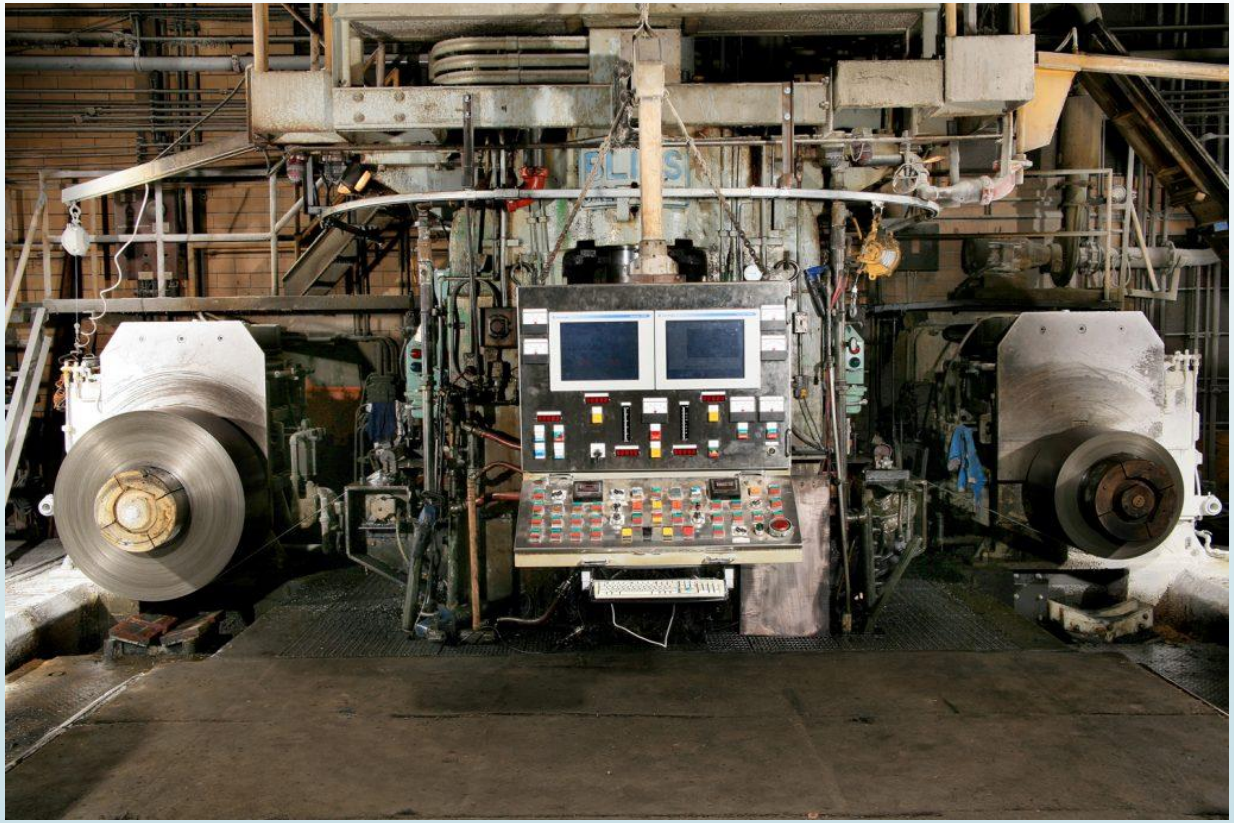
ANNEALING

Ebner Annealing Facility – Hicon/H2® bell annealing facility with gas firing is equipped to anneal steel strip coils in a straight 100% hydrogen atmosphere.

MAXIMUM COIL DIAMETER	**72” MAX (1828 mm)**
Maximum stack height: 156” max (3962 mm) for large bases, 108”Max (2743 mm) for small bases	
14 Total Bases	
6 - 72” Max OD Bases (152 mm-1828 mm)	
8 – 63” Max OD Bases (203 mm – 1600 mm)	

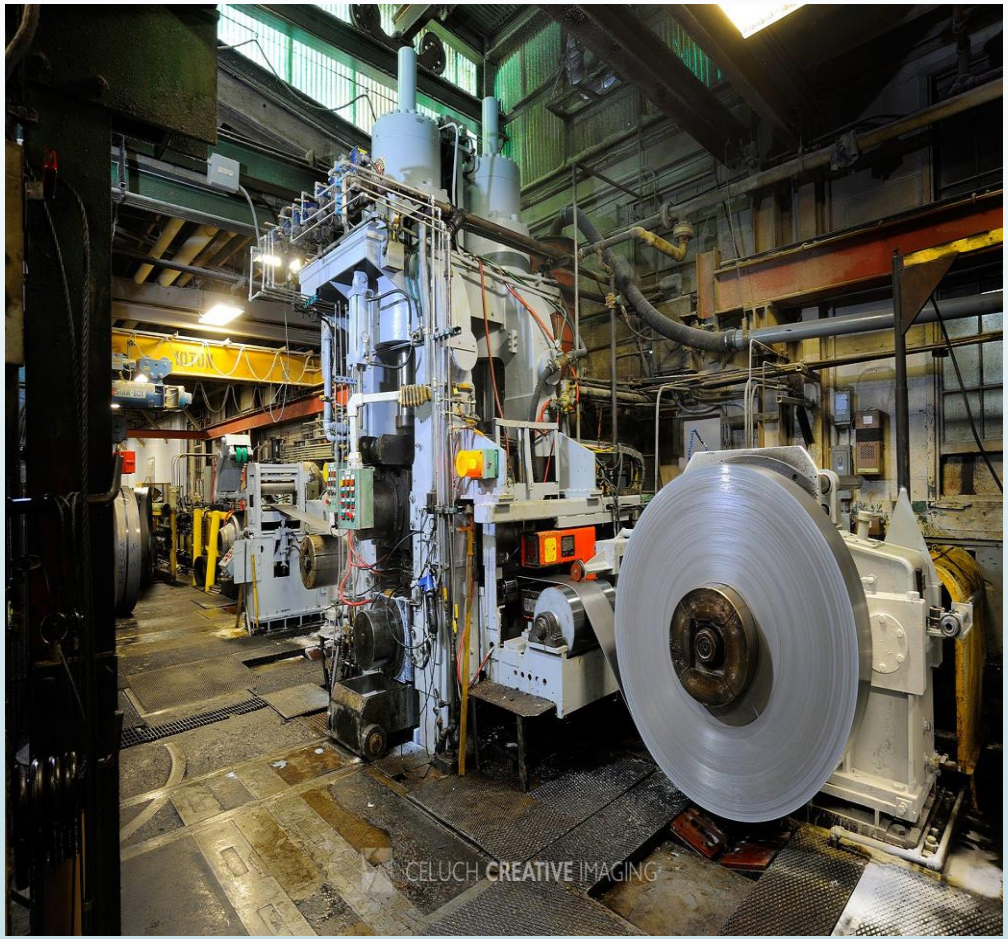
30” Reversing Mill

Minimum width	10.000” 254mm
Maximum width	28.000” 711mm
Maximum starting gauge	.300” 7.620mm
Finish gauges	.015/.240” .381/6.096mm
Maximum coil weight	30,000 lbs 13,608 kgs
Maximum OD (entry)	72” 1829mm
Maximum OD (exit)	72” 1829mm
ID	20” 508mm



18” Reversing Mill

Minimum width	8.000” 203mm
Maximum width	18.750” 476mm
Maximum starting gauge	.300” 7.62mm
Finish gauges	.015”/.240” .381/6.096mm
Maximum coil weight	14,000 lbs 6,350 kgs
Maximum OD (entry)	72” 1828mm
Maximum OD (exit)	72” 1828mm
ID	20” 508mm



Tight Gauge Tolerances

THICKNESS	TOLERANCE (+/-) (CENTER LINE ONLY) – SUBJECT TO CONFIRMATION BY GRADE
.015” through .025” (.038 mm through .635 mm)	.00025” (.00064 mm)
.0251” through .040” (.638 mm through 1.016 mm)	.0003” (.00076 mm)
0401” through .060” (1.018 mm through 1.524 mm)	.00035”(.00889 mm)
.0601” through .090” (1.527 mm through 2.286 mm)	.0004” (.0102 mm)
.0901” through .110” (2.289 mm through 2.794 mm)	.0005” (.0127 mm)
.1101” through .130” (2.797 mm through 3.302 mm)	.00075” (.0191 mm)
.1301” through .160” (3.305 mm through 4.064 mm)	.001” (.0254 mm)
.1601” through .175” (4.067 mm through 4.445 mm)	.0015” (.0381 mm)
.1751” through .200” (4.448 mm though 5.080 mm)	.002” (.0508 mm)
.2001” through .235” (5.083 mm through 5.969 mm)	.003” (.0762 mm)

Temper Mills

20" Temper Mill

22" Temper Mill

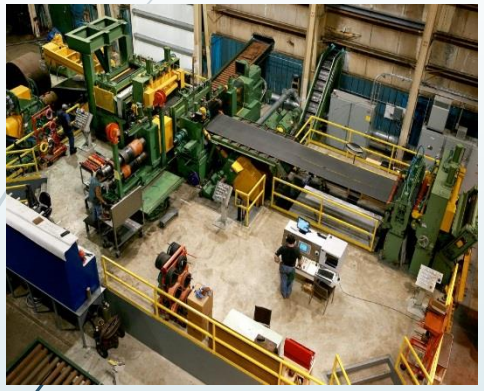
Material	1001-1095 , alloys and HSLA
Finishes	All including Best Bright No. 3
Widths	7.5-28" (191–711mm)
Max Starting Gauge	.300" (7.62mm)
Finish Gauges	.015"/.240" (.381/6.096mm)
Max OD (entry)	72" (1828mm)
Max OD (exit)	72" (1828mm)
ID	20" (508 mm)

Material	1001-1095 , alloys and HSLA
Finishes	All including Best Bright No. 3
Widths	7.5-21.500" (191–546mm)
Max Starting Gauge	.210" (5.334mm)
Finish Gauges	.015/.198" (.381/5.03mm)
Max OD (entry)	72" (1828 mm)
Max OD (exit)	72" (1828 mm)
ID	20" (508 mm)

ALL QUALITY FINISHES

NO. 1 MATTE AND NO. 1 DULL (LASERMATTE/CONVENTIONAL)	NO. 2 REGULAR BRIGHT	NO. 2 R	NO. 2 LITE BRIGHT	NO. 2B/3	PATTERN / DUPLEX
No. 1 Dull or Matte = 20 min Ra (Higher Ra available upon request)	No. 2 Regular Bright Finish = 20 max Ra	No. 2 Regular = 12-20 max Ra	No. 2 Lite Brite is suitable for plating applications less demanding than those requiring No. 3 or No. 2 Best Brite Finish.	No. 3 is only available on low carbon for plating applications.2B is a 5 max Ra on low carbon (10 max on high) and #3 finish is 3 max Ra	Duplex is a combination of 2B and either matte or brush to enhance drawability, pattern finishes available include leatherette, pebble, etc
*Primarily utilized for deep draw, bonding, coating and painting.		*This finish is ideal for light forming operations. It allows die lube retention, but the finish is still smooth and tight after forming.	*This finish requires a minimum of polishing and buffing where a consistent satin surface is required.		

SLITTING CAPABILITIES



Pro Eco
This .300" x 60" 7.62 mm x 1524 mm) line is capable of processing material at speeds up to 900 feet (274 M) per minute with yield strength up to 160 ksi and shear strength up to 120 ksi

Chicago
This .187" x 60" (4.750 mm x 1524 mm) Chicago Slitter is capable of a 60,000 lb maximum coil capacity

Stamco #1 Slitter
This Stamco 30" (762 mm) slitting line with 9.5" (241 mm) arbors.. Greer Steel can precision slit .225 (5.715 mm) gauge down to .015 gauge (.381 mm).

Dual head Ruesch
18" (457 mm) slitting line capable of processing .015 - .225" (.381 mm – 5.715 mm

*All Slitters utilize shimless tooling for improved width and edge quality

Embossing Patterns

Camo

Leather Grain

Grid

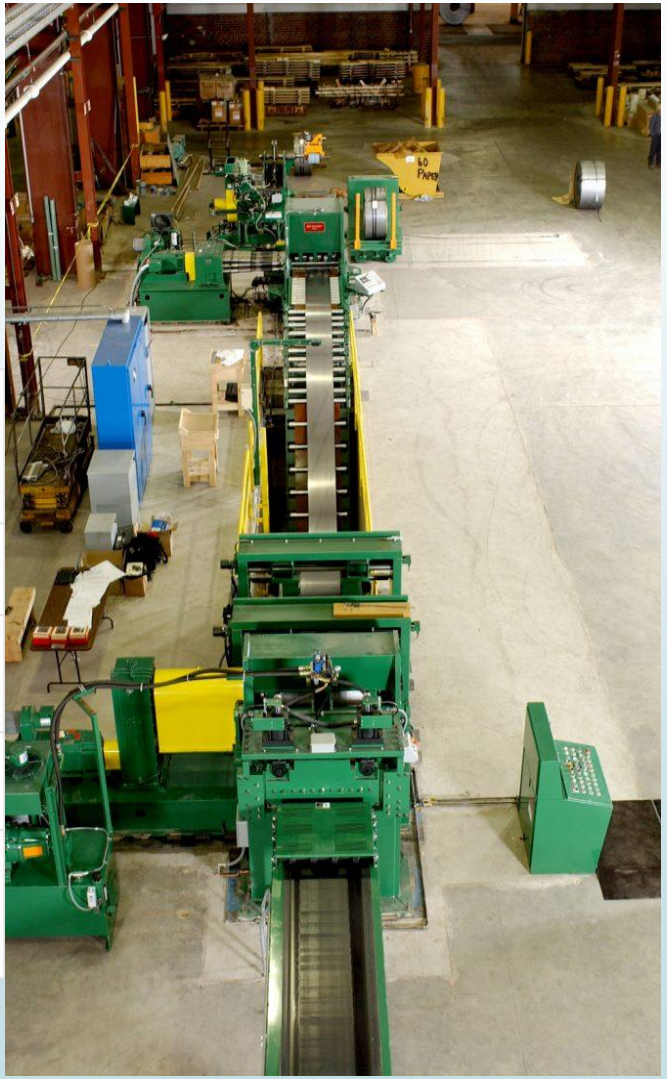
Pebble Grain

Skiving

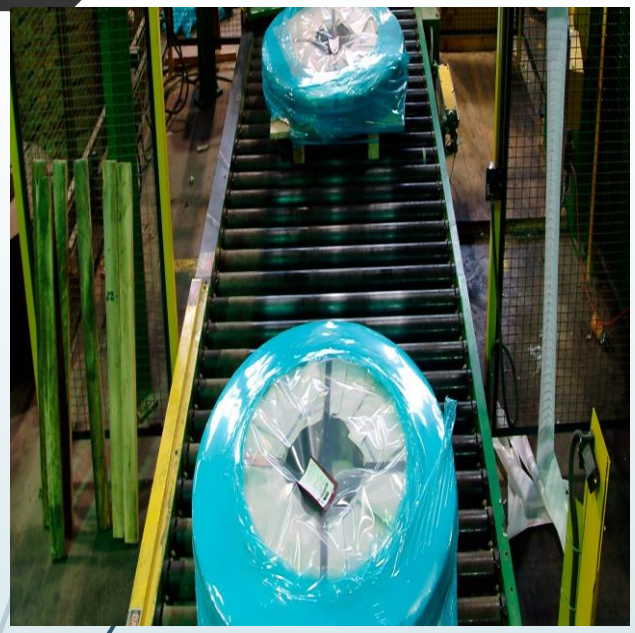
- 0.5" - 3.25" Widths
- Up to .098" Max
- 16" Exit OD
- Pancake and Oscillate Wound Exit Coils
- Machined Edges for the tightest tolerances and further processing

BRANER CTL

THICKNESS	SHEAR STRENGTH	TENSILE STRENGTH
.025-.188 (.635 mm – 4.775 mm)	120k psi	140 ksi
.189-.200 (4.800 mm – 5.080 mm)	105k psi	140 ksi
.201-.220 (5.105 mm – 5.588 mm)	90k psi	120 ksi
Coil width	6” min (152 mm); 1” min (25 mm) w/special handling	
Coil OD	28” min (711 mm)	
Coil ID	16-20” (406 mm - 508 mm)	
Feed length	6” min (152 mm) w/special handling	
Repetitive length	+/- .125” (3.175 mm); +/-.015” (.381 mm) with special handling	



Packaging



Greer Steel offers stretch wrapping of coils to provide a better sealed package for less exposure to moisture and air. We take pride in the specifications and performance of our steel products. Stretch wrapping prevents the steel from getting wet during transit, which can cause rust on the surface of the steel. Our stretch wrapping service is in keeping with our mission of providing better-than-expected service.

Customization is our specialty. If your product requires stretch wrapping or any other special treatment during our production process, simply ask.

Product Preservation

In addition to packaging Greer Steel maintains product preservation in our climate controlled hot rooms.

The Beginning of our partnership!

We can help you improve parts with:

Tight ga tolerance

Bright surface requirements

High and Low Carbon CR

High Alloy requirements like Chrome / MN / NI for strength

Surface pattern/texturing

Improved forming and plating with the most consistent surface in N. America!

Metallurgical resources

PPAP

What can we work on together?