

Specialty Flat Rolled Steel

Flat Rolled Steel



ISO 9001:2000



Slitting

Thompson Dayton Steel is a world class, value-added supplier of Specialty Steel Products. We are fully equipped to supply close tolerance, precision slit steel coil in a wide variety of types and grades. Our slitting has a maximum coil capacity of 72" coil width, allowing us to provide steel to the widths, tolerances, and grades you require.

Steels That Can Be Slit to Width

- Cold Rolled Steel
- Hot Rolled Pickled and Oiled
- High Carbon
- HSLA
- Coated Steel
- Stainless Steel



Multi-blanking (Cut-to-Length)

Thompson Dayton Steel Service's precision Red Bud 72" multi-blanking line offers capabilities ranging from 6" x 6" blanks to 72" x 192" sheets. Now, companies in the Southeast have a premier flat roll steel supplier that assures fast delivery of quality blanked steel.

72" Precision Multi-blanking

Coil Width	72"
Coil Weight	25 Tons
Coil OD	84"
Coil ID	24"/20"
Material Thickness	.020" - .135"
Smallest Blank Size	6" x 6"
Largest Sheet Size	72" x 192"

Special Features

- Multi-blanking with CNC Head
- 5 High Roller Leveler



Inventory

Working closely with your personnel, we are constantly aware of your critical need to maintain tight control over inventory. By determining future needs, we anticipate all your requests for special delivery, Just-In-Time (JIT), and normally scheduled deliveries. Large inventories and access to additional inventories at other Thompson Dayton facilities assures the highest quality steels for use in your production.

- Cold Rolled Steel
- Hot Rolled Pickled and Oiled Steel (Carbon/HSLA)
- Hot Dipped Galvanized
- Galvannealed Steel
- Electro Galvanized
- Aluminized
- Stainless Steel

Fountain Inn, SC



Steels Available from Thompson Dayton Steel Service Fountain Inn, South Carolina

Cold Rolled

Produced by rolling steel to tighter gauge tolerances. This method ensures a uniform thickness for each slit coil.

Hot Rolled Pickled and Oiled (Carbon/HSLA)

Produced directly off the hot strip mill, this steel is pickled and can be temper rolled. Not as smooth as Cold Rolled, with tolerances not as tight, it is available from .044" to .250" thick.

Hot Dipped Galvanized and Galvanealed

A sheet coil product with a zinc coating applied by a continuous hot dip process, these products are available with pure zinc (galvanized), or a zinc-iron alloy (galvanealed) coating. They provide both galvanic and a barrier coating, and are available in a variety of coating weights and surface finishes.

Electro Galvanized

Available as sheet coil, this product is coated with electrolytically deposited zinc or zinc-nickel coating. Available in a variety of coating weights depending on the protection desired, it is generally more acceptable for critically exposed applications than Hot Dipped.

Equipment Specifications

72" Red Bud Multi-blanking Line

Blanking Ranges and Capacities

Maximum Width	72"
Minimum Width	6"
Maximum Gauge	0.135" @ 72" wide
Minimum Gauge	Inquire Below 0.020"
Maximum Length	192"
Minimum Length	6"

Aluminized

Available as sheet coil, this steel is coated with an aluminum or aluminum-silicon alloy coating. The coating combats the destructive effects of exposure to combinations of heat and corrosion. Available in various grades to accommodate specific applications.

Stainless Steel

This product is produced to meet a wide variety of customer specific applications. It is available in all standard industrial, aircraft, and military grades.



72" Red Bud Slitter

Slitter Capabilities

	Max	Min
Coil Width	72"	0.750"
Coil OD	84"	
Coil ID	24"	20"/24"
Thickness	0.250"	0.0150"

Special Features: Roll Tensioning, Dual Slitter Heads, Continuous Electronic Gauging With Digital Read out Charts, Shimless Tooling

Commonly Used Metric Conversions

	To Convert From	To	Multiply By
Length	inches (in)	millimeters (mm)	25.4
	foot (ft)	meter (m)	0.3048
Weight	ounces (oz)	gram (g)	28.3495
	pound (lb)	gram (g)	453.592
	pound (lb)	kilogram (kg)	0.4536
	ton	metric ton	0.9072
	metric ton	kilogram (kg)	1000
	metric ton	pound (lb)	2204.62
Coating Weight	ounce/square foot (oz/ft ²)	grams/square meter (g/m ²)	305.15
Density	pound/cubic inch (lb/in ³)	grams/cubic centimeter (g/cm ³)	27.68
Strength	pound/square inch (psi)	ksi (1000 psi)	0.001
	kilograms/square inch (kg/in ²)	megapascal (Mpa)	6.895
	pound/square inch (psi)	megapascal (Mpa)	0.00689
	newton/square millimeter (n/mm ²)	megapascal (Mpa)	1
	pound/square inch (psi)	newton/square millimeter (n/mm ²)	0.00689
	kilograms/square inch (kg/in ²)	newton/square millimeter (n/mm ²)	6.895
	kilograms/square inch (kg/in ²)	kilogram/square millimeter (kg/mm ²)	0.704

Service

Expertly servicing the steel needs of the southeastern United States using our own trucks and committed carriers to assure the fastest deliveries at all times.



**THOMPSON
DAYTON
STEEL SERVICE**

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