

> **STRUCTURAL
AND BAR
PRODUCTS**

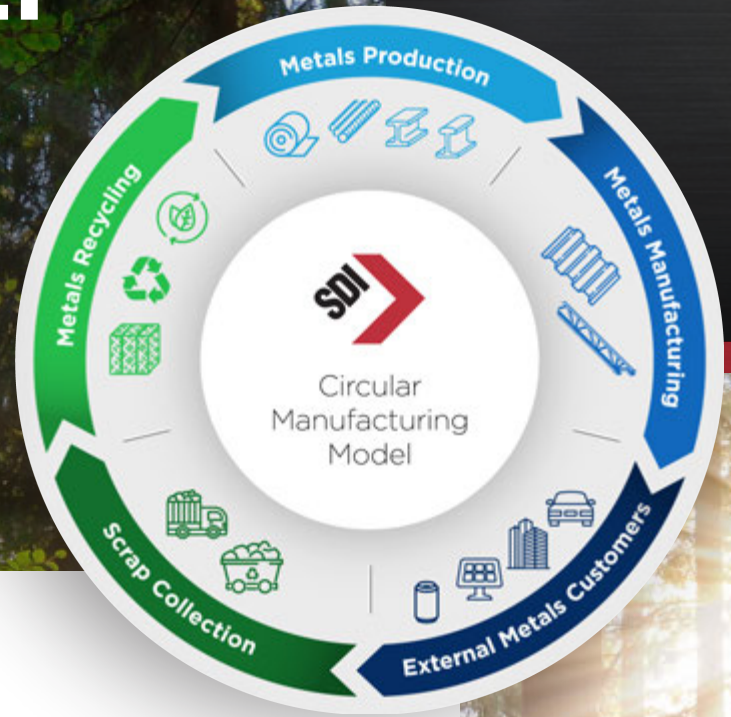
THE
NEXT
GENERATION
OF **LONG**
PRODUCTS

SDI

Steel Dynamics®
Long Products Group

INTENTIONALLY SUSTAINABLE

Sustainability is embedded in our founding principles—valuing our people, our partners, our communities, and our environment. We are intentionally sustainable throughout our operations and business. At Steel Dynamics, we encourage the use of new technologies and processes to reduce our environmental impact, and we remain strategically focused on carbon mitigation.



Environmental Goals and Progress

We are taking action to reduce our environmental footprint through our 2030 and 2050 science-based greenhouse gas (GHG) targets, established using the Global Steel Council's (GSCC) Steel Climate Standard. The standard includes key GHG emissions through hot rolling from Scope 1, Scope 2, and upstream Scope 3 categories. With our EAF steelmaking, North American recycling business, and circular manufacturing model, Steel Dynamics is already a leader in the production of low-carbon steel products within the global industry.

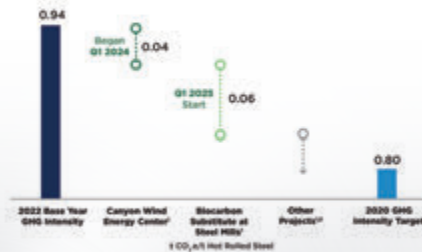
The Roadmap to Carbon Neutral

GHG TARGETS

- 🎯 2050 emissions intensity target for our steel mills of 0.12 metric tons of CO₂e per metric ton of hot rolled steel produced
- 🎯 Interim 2030 emissions intensity target of 0.80 metric tons of CO₂e per metric ton of hot rolled steel produced

- Other Projects²**
- Clean energy
 - Steel Mill decarbonization projects
 - Biocarbon substitute usage at our existing ironmaking operation

Our Steel Mills' 2030 GHG Emissions Intensity Target Strategy



¹ These estimated emissions intensities may vary, as our decarbonization plan is reviewed and adjusted regularly.
² These projects are under various stages of implementation and/or consideration. If all projects were implemented, they would exceed the 2030 target.

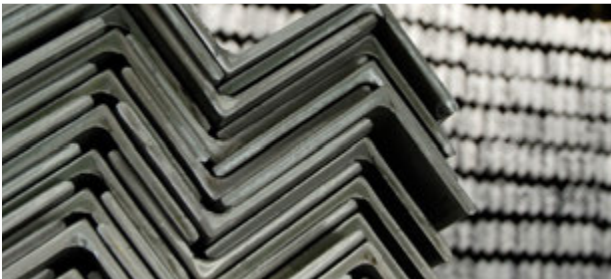
STEEL DYNAMICS

Steel Dynamics is the preeminent source for high-quality steel long products manufactured in the U.S. We are 100% American-owned and operated, and produce our long products from locally sourced recycled steel.

STRUCTURAL AND RAIL DIVISION

SRD

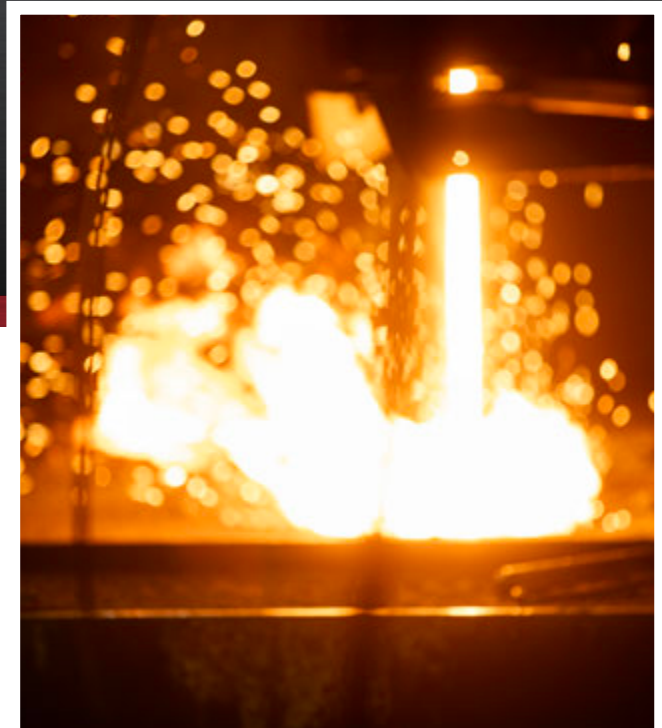
Steel Dynamics Structural and Rail Division (SRD) engages in the manufacturing, scrap processing, and marketing of a variety of products, including standard and premium rail, H-piling, parallel flange beams, channel sections, and angles. SRD, located in Columbia City, Indiana, became a primary source of high-quality steel products in 2002 and has since grown into Steel Dynamics' third-largest operation. Our structural steel products are used in construction applications, including buildings, bridges, and stadiums.



ROANOKE BAR DIVISION

RBD

Steel Dynamics Roanoke Bar Division (RBD) is engaged in the manufacturing, scrap processing, and marketing of merchant steel products and billets. RBD is a state-of-the-art mini steel mill located in Roanoke, Virginia. This facility melts scrap steel in electric furnaces and continuously casts the molten steel into billets. These billets are rolled into merchant steel products consisting of angles, rounds, flats, and channels. RBD markets its products to steel service centers, fabricators, and original equipment manufacturers.



ELECTRIC ARC FURNACE TECHNOLOGY

Our steelmaking operations use electric arc furnace (EAF) technology with recycled ferrous scrap as the primary input, which limits our greenhouse gas emissions. This more sustainable technology lowers our environmental impact by using electrical energy to heat charged material rather than traditional blast furnaces that require coal to generate heat. Electric arc furnaces are also easier to turn on and off, leading to more efficient energy usage. The scrap used to make our steel is 100% melted and manufactured in the United States. Based on the composition of the scrap used, EAF technology allows us to closely control the output quality of our steel.


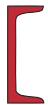
- Sawing and CNC Machining
- Metallographic Grinding
- Polishing and Etching
- Optical Microscopy
- Scanning Electron Microscopy
- Hardness Testing
- Tensile Testing
- Fatigue Testing
- Charpy V-Notch (CVN) Impact Testing
- Fracture Toughness Testing
- Thermomechanical Simulation



STRUCTURAL AND RAIL DIVISION

WIDE-FLANGE BEAMS AND STRUCTURAL SHAPES

Wide-flange beams and structural shapes are used primarily in construction, including commercial and industrial buildings, bridges, skyscrapers, hospitals, airport terminals, stadiums, parking garages, office buildings, and distribution centers. They are also used in energy projects, such as refineries, biodiesel and ethanol plants, and other processing facilities, as well as in the manufacture of truck, trailer, and RV frames, and H-piling support structures such as oil and natural gas pipelines, bridges, and roads.

WHAT WE MAKE	Product Groups	Size Range
	Wide-Flange Beams Made of rolled steel, our sturdy wide-flange beams are the preferred choice for large and heavy buildings	Available in sizes W4 through W36
	Manufactured Housing Beams Primarily used to frame manufactured homes, M-beams are also common in truck, trailer, and RV frames	Available with web heights from M6 to M12
	H-Pile Sections Used extensively in deep foundations to stiffen and support sheet pile walls and foundations	Available with web heights from HP8 to HP16
	Equal Angles The 90-degree "L" shape of an angle adds strength and rigidity to structures with the same leg length	Available in sizes from L5 to L8
	Unequal Angles The 90-degree "L" shape of an angle adds strength and rigidity to structures with legs of different leg lengths	Available in sizes L5 x 3 to L8 x 6
	Channels Also known as parallel flange channels (PFC) or C-channels, structural channels have a distinctive "C" shape	Available in sizes ranging from C6 to C15
	Miscellaneous Channels Miscellaneous channels (MC-channels), or junior channels, often serve as structural support in tractor-trailer manufacturing	Available in sizes MC10 through MC12



CONSISTENT ROLLING SCHEDULE

Our reliability and dedication to maintaining a consistent rolling schedule allow for greater peace of mind to help you meet ever-changing customer and project timelines.

ON-TIME DELIVERY

SDI has a dedicated fleet of rail cars to ensure consistent delivery to your location. We are serviced by the Chicago Fort Wayne & Eastern Railroad (CF&E) and the Norfolk Southern Railroad. Additionally, our extensive network of truck carriers ensures reliable delivery to your location.

LOCATION

**Steel Dynamics Structural
and Rail Division**
2601 S County Road 700 E
Columbia City, Indiana 46725










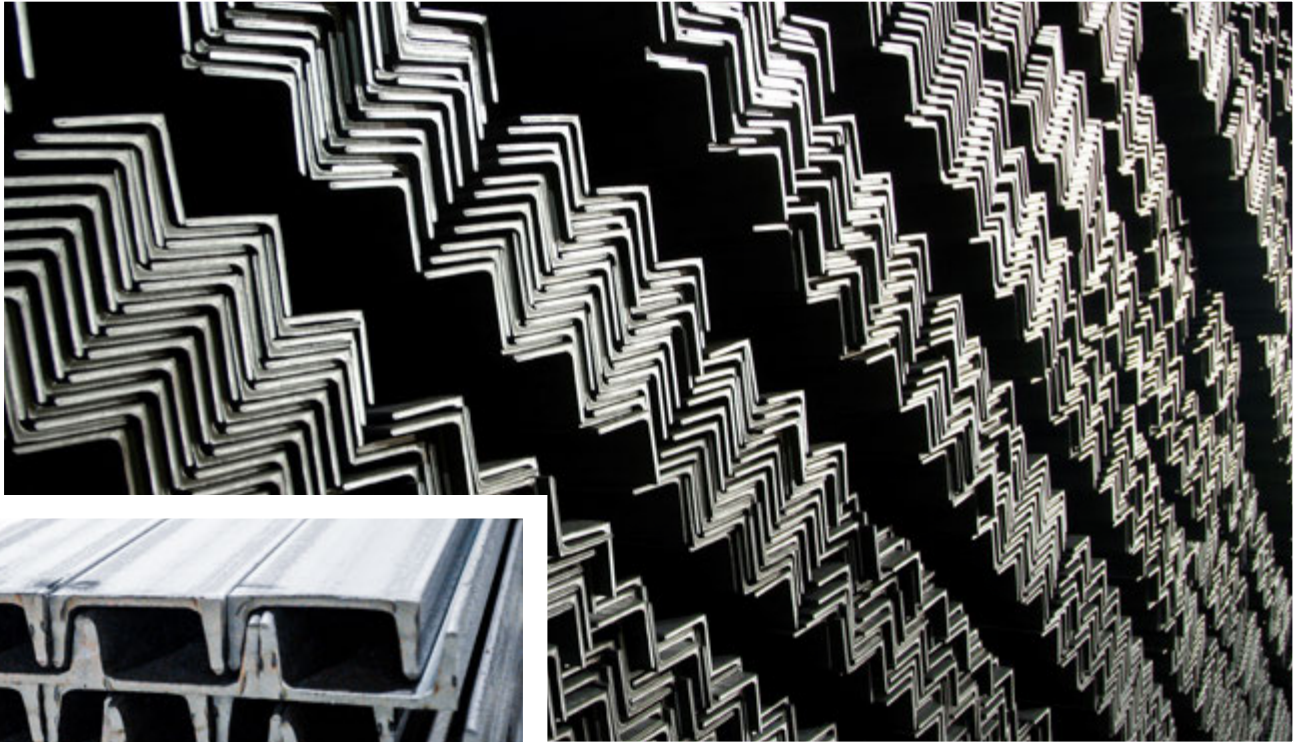
ROANOKE BAR DIVISION

MERCHANT BARS

Merchant bars are used primarily in light commercial construction and joist manufacturing. They are also used in the fabrication of industrial and commercial equipment and by OEM customers in manufacturing a wide variety of products, including utility trailers, agricultural equipment and implements, material-handling equipment, and specialized transportation and manufacturing equipment.



WHAT WE MAKE	Product Groups	Size Range
	Equal Angles The 90-degree "L" shape of an angle adds strength and rigidity to structures with the same leg length	Available in sizes L1 to L4
	Unequal Angles The 90-degree "L" shape of an angle adds strength and rigidity to structures with legs of different leg lengths	Available in sizes L2 x 1 1/2 to L4 x 3 1/2
	Channels Also known as parallel flange channels (PFC) or C-channels, structural channels have a distinctive "C" shape	Available in sizes C3 to C4
	Flat Bars Easy to cut, drill, and weld, flats are versatile components in construction, infrastructure, agriculture, transportation, and storage	Available in sizes from 1" to 6" widths
	Rounds Round bar is used to produce parts for specific end uses	Available in sizes ranging from 5/8" to 1 1/2"



CONSISTENT ROLLING SCHEDULE

Our reliability and dedication to maintaining a consistent rolling schedule allow for greater peace of mind to help you meet ever-changing customer and project timelines.

ON-TIME DELIVERY

SDI has a dedicated fleet of rail cars to ensure consistent delivery to your location. We are serviced by Norfolk Southern Railroad. Additionally, our extensive network of truck carriers ensures reliable delivery to your location.

LOCATION

Steel Dynamics
Roanoke Bar Division
102 Westside Blvd, NW
Roanoke, Virginia 24017



OUR COMMITMENT

Steel Dynamics is committed to providing the best steel products and services to our customers in the construction, manufacturing, transportation, energy, and various other end markets.



For more information, visit us at lpg.steeldynamics.com.

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