



PRODUCT GUIDE





SUSTAINABLE AT OUR CORE

At Steel Dynamics, we take pride in our intentionally sustainable approach. Our commitment to all aspects of sustainability is embedded in our founding principles—valuing our teams, our partners, our communities, and our environment. Our steelmaking operations have exclusively used electric arc furnace (EAF) technology with recycled ferrous scrap as the primary input, producing lower-carbon-emission quality steel products for our customers and driving returns for our shareholders. Additionally, our company-wide performance-based incentive programs encourage our teams to create innovative solutions to increase efficiencies, reduce raw material usage, reuse secondary materials, and promote material conservation and recycling.

We are taking further action to reduce our environmental footprint through our 2025, 2030, and 2050 goals for greenhouse gas (GHG) emissions and renewable energy usage. With our EAF steelmaking and circular manufacturing model, Steel Dynamics is already a leader in the industry, and with our new goals, we are raising the bar even further for sustainable steelmaking.

WHAT WE HAVE TO OFFER

Included in this brochure is a brief overview of the wide array of high-quality products and services currently available from Steel Dynamics and its subsidiaries in building-component manufacturing and recycling. We also offer a variety of value-added services with many of our steel products. What isn't discussed here is something that goes without saying among our many longtime clients—our top-notch customer service.

Please visit **steeldynamics.com** for direct access to all our divisions' products and services.

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STEEL OPERATIONS

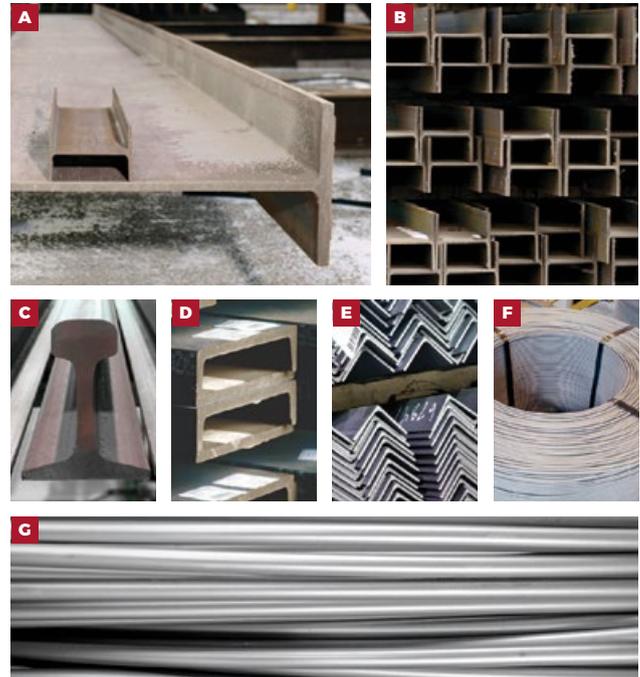
STRUCTURAL AND RAIL

END MARKETS

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

Rail is used in railway track by Class 1 railroads, short lines, commuter lines, and industrial plants.

Rebar is used in various concrete, building, and highway applications.



Products

- A** Wide-Flange, Standard, and M-beams
Web-height from 4 to 36 inches
- B** H-piling
- C** Rail
- D** Structural Shapes (channels shown here)
- E** Angles
- F** Rebar
- G** Smooth Rounds

Detail

We produce wide-flange and standard beams in a wide range of web heights and weights, cut to standard or custom lengths up to 120 feet; H-piling in various sizes and weights up to 120 feet in length; M-beams used primarily in manufactured housing; angles ranging from 5x3 to 8x8 inches; Rail in various sizes up to 320 feet in length and welded rail up to 1,650 feet in length; and Nos. 3 through 8 rebar in industry standard lengths and compact spooled coils up to 5.5 NT in weight.

STRUCTURAL AND RAIL DIVISION

2601 County Road 700 East
Columbia City, Indiana 46725

(260) 625-8100
(866) 740-8700

STEEL OPERATIONS

ENGINEERED BAR PRODUCTS

END MARKETS

Round bars are most frequently used to make parts—such as gears, shafts, axles, and flywheels—for rotating machinery applications. **Round-cornered squares** are mainly used in forging steel parts. Typically, our high-strength carbon and alloy-steel bars are custom-formulated for specific applications in heavy construction equipment, automobiles and trucks, agricultural equipment, mining, and marine drive systems.

We also engineer and produce round bars for the manufacture of seamless pipe and tubing used in oil drilling, military, and other applications.



Products

- A** Finished Bar
- B** Rounds
- C** Round-cornered squares

Detail

We produce engineered Special Bar Quality (SBQ) steel in round bars ranging from 7/8-inch to 9-inch diameters and round-cornered SBQ squares in sizes from 2-3/4 to 8 inches.

We provide such bar-finishing services as heat-treating, turning, straightening, polishing, chamfering, and precision saw-cutting, as well as non-destructive testing services. We also occasionally produce No. 7 to No. 18 rebar.

ENGINEERED BAR PRODUCTS DIVISION

8000 North County Road 225 East
Pittsboro, Indiana 46167

(317) 892-7000
(877) 683-BARS

STEEL OPERATIONS

MERCHANT BAR – Roanoke Bar Division

END MARKETS

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



Products	Detail
<ul style="list-style-type: none">A AnglesB ChannelsC Flat barsD Rounds and rebar	<p>We produce a broad range of standard carbon-steel merchant-bar products: angles ranging from 1 to 4 inches, 3- and 4-inch channels, flats from 1 to 6 inches wide, round bars up to 1.5 inches in diameter, and Nos. 4 through 11 rebar. These products are sold in industry-standard lengths. We also market steel billets.</p>

ROANOKE BAR DIVISION
P. O. Box 13948,
Roanoke, Virginia 24038-3948

102 Westside Boulevard, NW
Roanoke, Virginia 24017
(540) 342-1831
(800) 753-3532

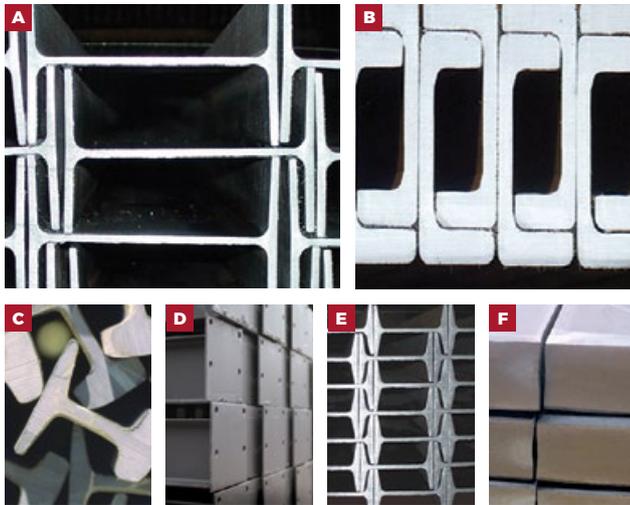
STEEL OPERATIONS

SPECIALTY SHAPES & LIGHT STRUCTURAL

STEEL - Steel of West Virginia/Kentucky Electric

END MARKETS

Specialty shapes serve a wide range of OEM customers, including truck trailer and truck body manufacturers, industrial lift truck manufacturers, and off-highway equipment manufacturers. We also make **rail** and **related rail products** for mining applications, light rail systems, and crane rail systems. **Our standard merchant shapes** are primarily used in the construction industry, by rack manufacturers, and in such applications as manufactured housing and recreational vehicles, highway guardrail posts, and in the solar industry as posts on solar farms. A relatively new product is **bulb flats**, which are used in the shipbuilding industry.



Products

- A** Guardrail posts/Solar beams
- B** Industrial truck components
- C** Mine rail/Crane rail
- D** Truck trailer crossmembers
- E** Merchant sections
- F** Flat bar

Detail

We produce a wide variety of carbon steel specialty shapes, a line of standard merchant bars and light structural shapes, and truck trailer beams that we weld and fabricate for the customer. Our specialty shapes, including distinctive asymmetric shapes only we produce, are often custom-engineered to meet our OEM customers' requirements. Flat bar from 2 to 12 inches in width and various thicknesses from 1/4 up to 3 inches on certain bars.

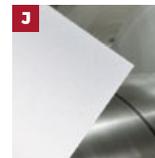
STEEL OF WEST VIRGINIA
P.O. Box 2547
Huntington, West Virginia 25726

17th Street and 2nd Avenue
Huntington, West Virginia 25703
(304) 696-8200
(800) 624-3492

STEEL OPERATIONS

FLAT ROLL GROUP

Products		Thickness (in)	Width (in)	Coating Weights	Specifications	Butler	J'ville	Columbus	Heartland	The Techs	Sinton
Hot-Rolled	A Hot-rolled bands	.042 - 1.00	36 - 84	N/A	CS, DS, SS, HSLA, UHSS, A36, A414, A606, JIS, SAE, API	•		•			•
	B Floor plate	.075 - .500	36 - 84	N/A	CS, HSLA, SS, A36	•		•			•
	C Pickled hot-rolled steel sheet	.039 - .500	36 - 78	N/A	CS, DS, SS, HSLA, UHSS, A36, A414, A606, JIS, SAE	•		•	•		•
Plate	D Coiled plate	.187 - 1.00	48 - 84	N/A	A36, A414, A455, A516, A572, A588, A656, A709, A786, A871						•
	Cut-to-length plate	.187 - 1.00	48 - 84	N/A							•
Cold-Rolled	E Cold-rolled fully-processed	.012 - .100	36 - 78	N/A	CS, DS, DDS, EDDS, SS, HSLA, A606, JIS, SAE, BH, A109	•		•	•		•
	Cold-rolled FH/HH and QH	.008 - .100	36 - 78	N/A		•		•	•		•
Metallic Coated	F Hot-rolled, galvanized steel sheet	.042 - .160	36 - 76	G30 - G235	CS, FS, SS, HSLA, SAE, A929	•		•		•	•
	Hot-rolled, galvanized steel sheet	.042 - .160	36 - 72	A40 - A60	CS, FS, SS, HSLA, SAE	•		•			
	G Cold-rolled galvanized steel sheet	.0073 - .160	36 - 76	G30 - G235	CS, FS, DDS, EDDS, SS, HSLA, SAE, DP	•	•	•	•	•	•
	Cold-rolled, galvanized steel sheet	.023 - .081	36 - 72.5	A30 - A60	CS, FS, DDS, EDDS, SS, HSLA, SAE, DP	•		•			
	H GALVALUME® steel sheet	.012 - .080	36 - 76	AZ35 - AZ60	CS, FS, SS		•	•			•
	I Galfan® steel sheet	.012 - .187	24 - 61	GF15 - GF115	CS, FS, DDS, EDDS, SS, HSLA					•	
	J Aluminized Type 1 steel sheet	.012 - .096	36 - 72.5	T1-13 - T1-60	CS, FS, DDS, EDDS, SS & HSLAS 50			•			
Painted Steel	K Painted steel sheet <small>Available on HR, CR, HDG, and GALVALUME®</small>	.012 - .080	36 - 72	Various	Various Substrates Available - Inquire	•	•	•			•
Printed Steel	L TruSteel™ printed steel sheet <small>Available on CR, HDG, and GALVALUME®</small>	.013 - .030	36 - 60	Various	Various Substrates Available - Inquire	•					



HR = Hot-rolled, CR = Cold-rolled, HDG = Hot-dipped galvanized. Some thickness, width, and grade limitations apply — not all products are available from all facilities.

SDI offers in-line acrylic-coated products (resin coat) on hot-rolled galvanized, cold-rolled galvanized, and GALVALUME®. Single-invoice processing (heavy-gauge pickling, temper passing, edge trimming, etc.) may be available. Contact your SDI representative for further information and pricing.



STEEL OPERATIONS

FLAT ROLL GROUP

END MARKETS

With a combined capacity of approximately 11.4 million tons per year, Steel Dynamics' Flat Roll Group offers one of the broadest lines of carbon flat-rolled products available in the industry. We produce hot-rolled, cold-rolled, metallic-coated, painted steel and printed steel at world-class facilities in Butler, Jeffersonville, and Terre Haute, Indiana; Columbus, Mississippi; Pittsburgh, Pennsylvania; and Sinton, Texas. Our steel is used in the manufacture of a wide variety of products, including agricultural machinery, automobiles, appliances, construction products, consumer electronics, culverts, grain

bins, office furniture, pipe and tube and racking as examples. Given the extremely high content of recycled steel used in electric-arc furnace steelmaking, SDI-produced steel is particularly well-suited to applications where conformance to LEED and Green Building guidelines is a consideration. With our circular manufacturing model, Steel Dynamics is raising the bar for sustainable steelmaking with the goal for our EAF steel mill operations to be carbon neutral by 2050 while also increasing their use of renewable electrical energy.

INDIANA

Butler Division

4500 County Road 59
Butler, Indiana 46721
(260) 868-8000

Jeffersonville Plant

5134 Loop Road
Jeffersonville, Indiana 47130
(260) 868-8000

Heartland Division

455 West Industrial Drive
Terre Haute, Indiana 47802
(812) 299-4157

PENNSYLVANIA

The Techs

(412) 368-4800

MetalTech

2400 Second Avenue
Pittsburgh, Pennsylvania 15219

GalvTech

300 Mifflin Road
Pittsburgh, Pennsylvania 15207

NexTech

300 Braddock Avenue
Turtle Creek, Pennsylvania 15145

MISSISSIPPI

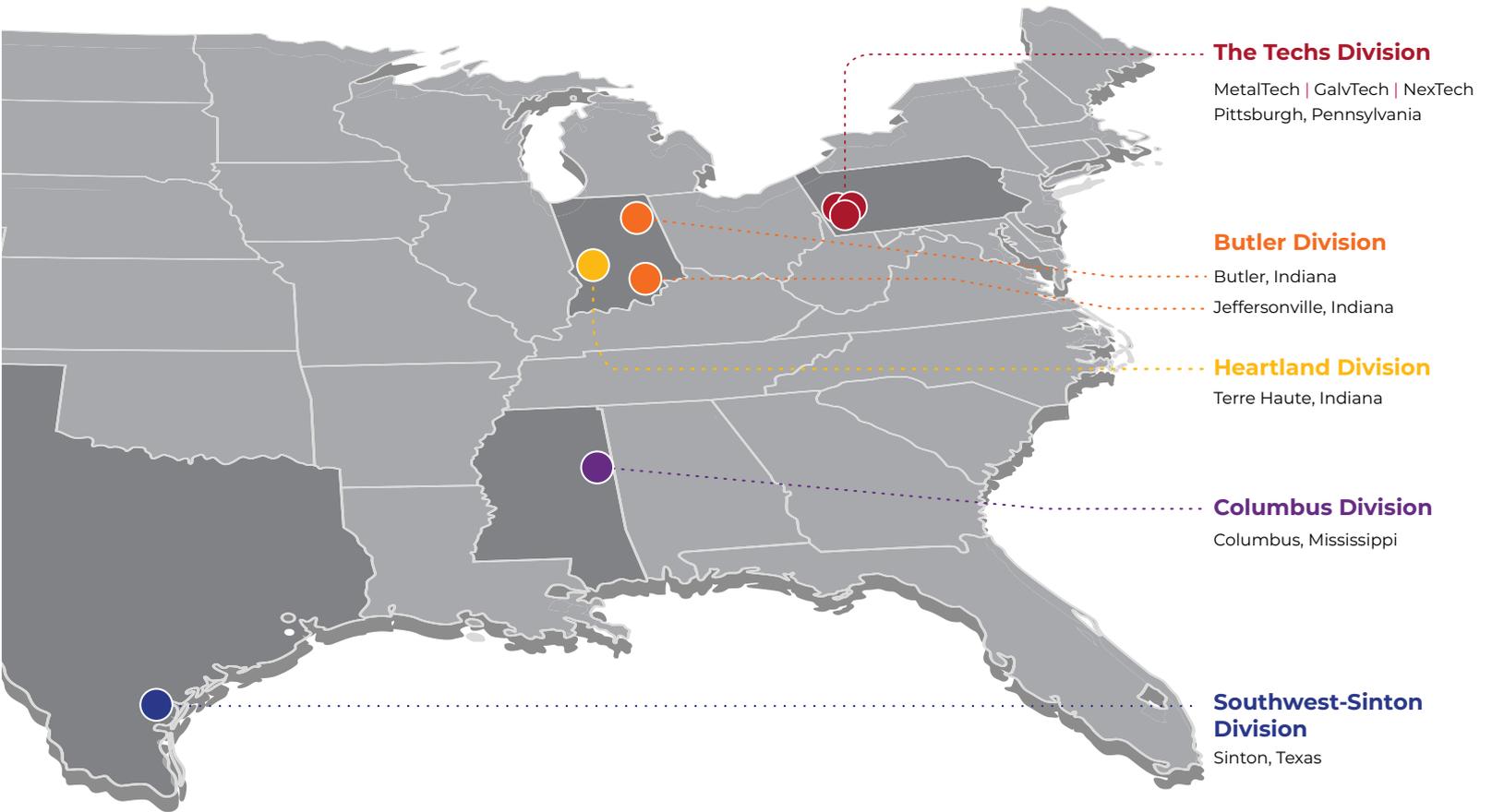
Columbus Division

1945 Airport Road
P.O. Box 1467
Columbus, Mississippi 39701
(662) 245-4200

TEXAS

Southwest-Sinton Division

8534 TX-89
Sinton, Texas 78387
(361) 424-6200



STEEL FABRICATIONS

JOISTS AND DECKING – New Millennium Building Systems

END MARKETS

Our joists, joist girders, and decking products are used primarily in the construction of non-residential buildings. **Joist products** provide support for roofs and floors. **Decking** is used to bear flooring material, such as concrete, or to cover roofs. Buildings include commercial, industrial, institutional, and governmental projects, such as shopping centers, big-box stores, fast-food restaurants, drug stores, motels, factories, distribution centers, office buildings, schools, churches, hospitals, and libraries.



Products	Detail
<p>A Joists</p> <p>B Decking</p>	<p>We produce steel building components: joists and joist girders in a variety of standard designs, as well as special configurations to satisfy unique architectural and structural requirements, including bowstring, arched, scissor, double-pitched, and single-pitched joists. Steel decking includes architectural deck, cellular deck, bridge deck, roof, form and composite floor decking.</p>

NEW MILLENNIUM BUILDING SYSTEMS (www.newmill.com)

INDIANA

6115 County Road 42
Butler, Indiana 46721
(260) 868-6000

ARKANSAS

3565 Highway 32 North
Hope, Arkansas 71801
(870) 722-4100

FLORIDA

1992 NW
Bascom Norris Drive
Lake City, Florida 32055
(386) 466-1300

NEVADA

8200 Woolery Way
Fallon, Nevada 89406
(775) 428-0600

TENNESSEE

4900 Hungerford Road
Memphis, Tennessee 38118
(901) 969-3033

VIRGINIA

P.O. Box 3400,
100 Diuguuids Lane
(deliveries only)
Salem, Virginia 24153
(540) 389-0211
(800) 336-5773

TEXAS (mailing address)

6248 Edgemere Blvd.
PMB #107
El Paso, Texas 79925

MEXICO (physical address)

Carr. Panamericana 9920
Col. Puente Alto C.P. 32695
Ciudad Juarez, Chihuahua,
Mexico (915) 298-5050

STEEL FABRICATIONS



THREADED ROD / COLD FINISH / HEAT TREAT - Vulcan Steel Products

END MARKETS

Cold drawn rounds and shapes are used to make various parts in a multitude of industries, such as automotive, farm implement, fasteners, and machine parts. Quench and tempered rounds and threaded rods are used anywhere high-strength ductile material is required. End-use markets are oil and gas, bridge and infrastructure projects, alternative energy, and projects such as wind turbines and solar-power installations.

Low-carbon and stainless-steel rods are used in commercial, residential, and industrial construction in the installation of the HVAC, electrical, and plumbing systems. Threaded rod is also used extensively in the CLP Hold-down system in the multi-family construction industry.

Products

- A** Cold-finished bars and shapes
- B** Quench and tempered bar and threaded rod
- C** Low-carbon and stainless threaded rod

VULCAN STEEL PRODUCTS

10 Crosscreek Trail
Pelham, Alabama 35124
(800) 768-8522

www.vulc.com

Detail

Vulcan Steel Products manufactures and stocks cold-finished bars

from .1875 to 6 inches in diameter in both carbon and alloy grades. Vulcan produces and stocks flats from 1/8 to 1 inch through 2 by 6 inches and squares and hexes from 3/8 to 3 inches. We stock up to 2 by 6 inch flats.

Our Heat Treat Division is a state-of-the-art facility that uses induction heating to manufacture quench and tempered bars. Our five induction lines can heat-treat diameters from .331 to 4-5/8 inches. Our length capability ranges from 12 to 61 feet. We stock product from 3/8 to 6 inches in 12 to 24 foot lengths in hot-roll, cold-finish, and cold-drawn conditions. We also manufacture and stock threaded rod from 3/8 to 4 inches in diameter with the capability to thread up to 6 inches in diameter and up to 60 foot lengths for special jobs. Standard specifications stocked in both bar and threaded rod are A193 B7/B16, A320 L7/L43, A449, A354, A434, A722, and F1554-105. Vulcan also has the capability to run to customer designed specifications. Vulcan has stress-relieving, tempering and tolling capabilities.

Our threaded rod facility produces low carbon threaded rod from 1/4 to 3 inches in diameter in stock lengths of 3, 6, 10 feet and 12 feet. They're stocked in both plain, zinc, yellow zinc, and HDG finishes. We also produce stainless steel threaded rod from 1/4 to 3 inches in diameter. Various grades are produced: B8, B8M, 304ss, and 316ss (L), and are stocked in 6 and 12 foot lengths.

METALS RECYCLING

FERROUS SCRAP – OmniSource Corporation

OmniSource purchases metals, (*examples shown to the right*) to be processed for sale. Processing at our facilities includes shredding, compacting, baling, shearing, and bundling—yielding various types and grades of ferrous scrap (*shown below*). All recycled steel is sold to steel mills and foundries.

PRODUCTS WE SELL



E No. 1 bundles



F No. 1 busheling



G No. 2 shredded



H Plate and structural



I No. 1 heavy melt



J Turnings

PRODUCTS WE BUY



A Crushed automobiles



B Industrial scrap



C Clean cast parts



D White goods/Sheet iron

CONTACT INFORMATION ON THE FACING PAGE.

METALS RECYCLING

NON-FERROUS SCRAP - OmniSource Corporation

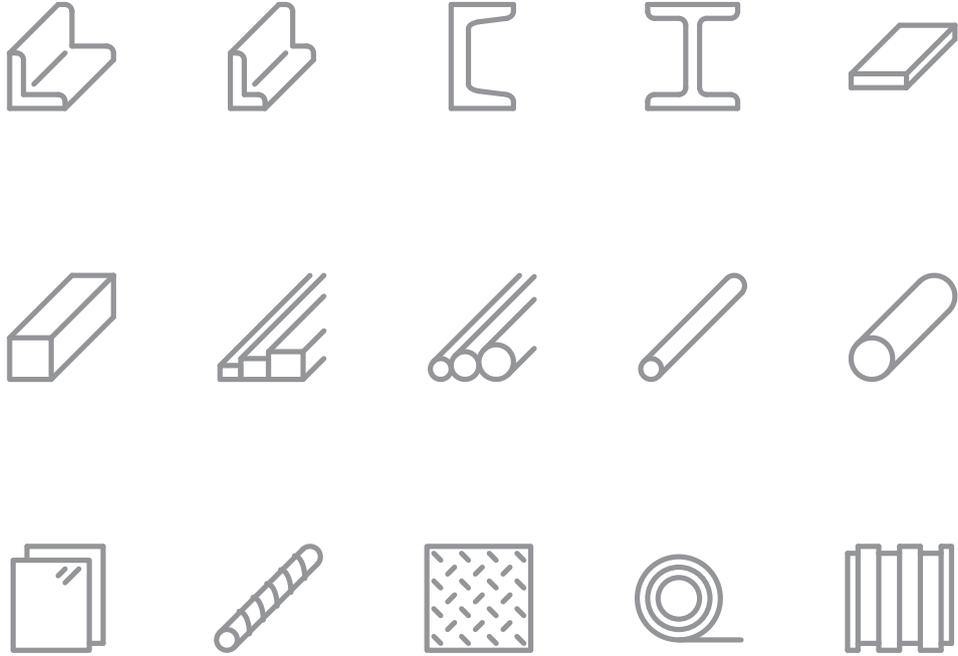
We buy and sell non-ferrous scrap, which includes precious metals, aluminum, copper, electronic scrap (e-scrap), stainless, alloys, and tool metals, as well as recover non-ferrous metals from our shredding operations. We also operate facilities converting non-ferrous scrap into forms useful to industry, such as secondary aluminum alloys and copper, bronze, and stainless steel in a variety of forms.



The above photos are representative of the wide variety of recycled metals that OmniSource buys and sells.

OMNISOURCE CORPORATION
7575 West Jefferson Boulevard
Fort Wayne, Indiana 46804

(260) 422-5541
(800) OMNI-789



steeldynamics.com