



PRODUCT REFERENCE GUIDE

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OUR MISSION

OUR GOAL IS **TO TAKE CARE**
OF OUR CUSTOMERS. WE ARE ACCOMPLISHING
THIS BY BEING THE **SAFEST, HIGHEST QUALITY,**
LOWEST COST, MOST PRODUCTIVE, AND
MOST PROFITABLE STEEL AND STEEL PRODUCTS
COMPANY IN THE WORLD.

WE ARE COMMITTED TO DOING THIS
WHILE BEING **CULTURAL AND ENVIRONMENTAL**
STEWARDS IN OUR COMMUNITIES WHERE
WE LIVE AND WORK.

WE ARE SUCCEEDING BY WORKING TOGETHER.

It's Our Nature.[®] 



WE LIKE TO THINK WE MAKE AMERICA STRONGER. AFTER ALL, WE ARE A STEEL COMPANY.



OUR PEOPLE ARE OUR BIGGEST ASSET

Nucor has a commitment to take care of its employees. Because of this commitment, there is very little turnover within the company. Many of our team members have been here since we opened our doors. Our dedication to what we do is reflected in the superior products we make, our strong relations with customers and our valued commitment to the communities where we work and live. We are succeeding by working together.

WE'VE ALWAYS BEEN GREEN

We are the world's foremost steel recycler and the largest recycling company in the Western Hemisphere, with a production capacity that nears 29 million tons. Our commitment to the environment goes beyond recycling. Today, environmental stewardship is equal to all other business critical functions, and is the individual obligation of every member of the Nucor Team. Environmental impact is alongside safety, quality and cost in every strategic decision.

WE CHAMPION THE RIGHTS OF THE AMERICAN WORKER

Giving American workers a fair chance to succeed is what we're all about at Nucor. That is why we strive to be the "voice of our industry" on important public policy issues, including:

- Enforcing the rules of free trade
- Restoring American manufacturing
- Achieving energy independence
- Investing in American infrastructure

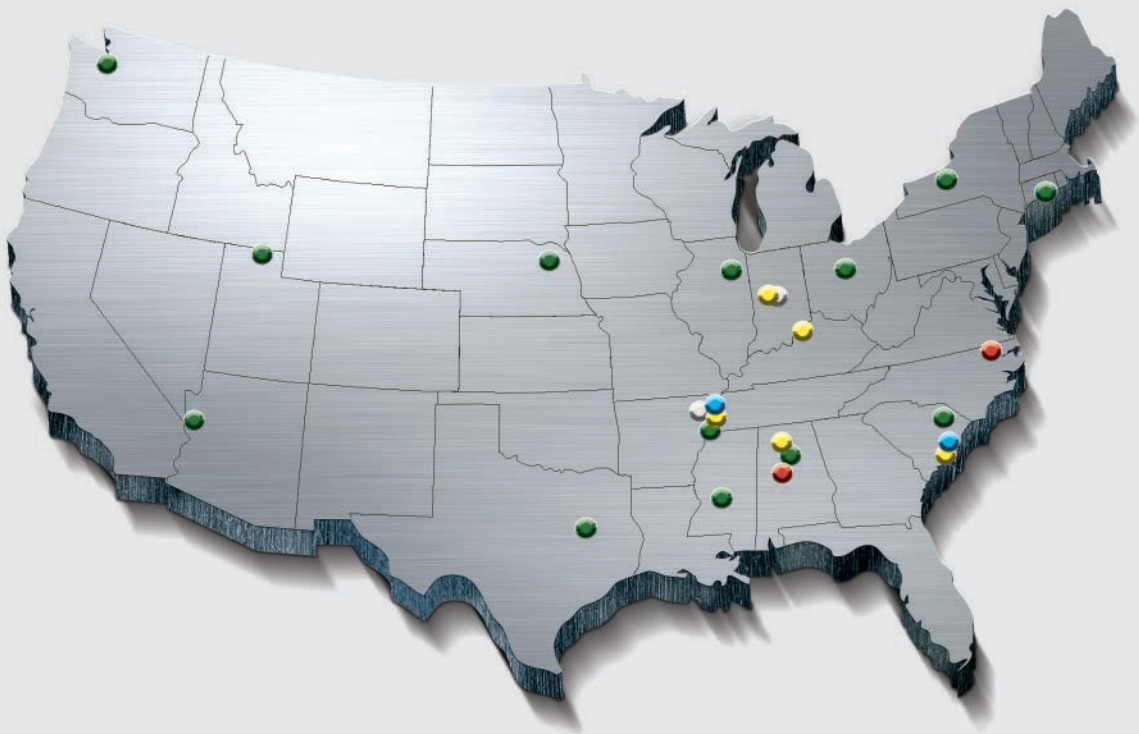
We believe these legislative priorities will create the millions of jobs we need and restore American prosperity for future generations. We'll continue to take these ideas around the country and to our elected officials. We know that when an entire company speaks with a unified voice, you can be heard all the way to Washington, D.C. and around the world.

THERE IS STRENGTH IN OUR NUMBERS

Publicly traded on the New York Stock Exchange (symbol NUE), Nucor has been repeatedly heralded as a leader in the steel industry, and one of the top companies in the world:

- Largest steel producer in the United States
- Largest recycler in the Western Hemisphere
- #150 on the *Fortune* 500, 2014
- #20 on the *Business Week* 50, 2009
- Green for Profit Business Award, *Charlotte Business Journal*, 2008

STEEL MILLS



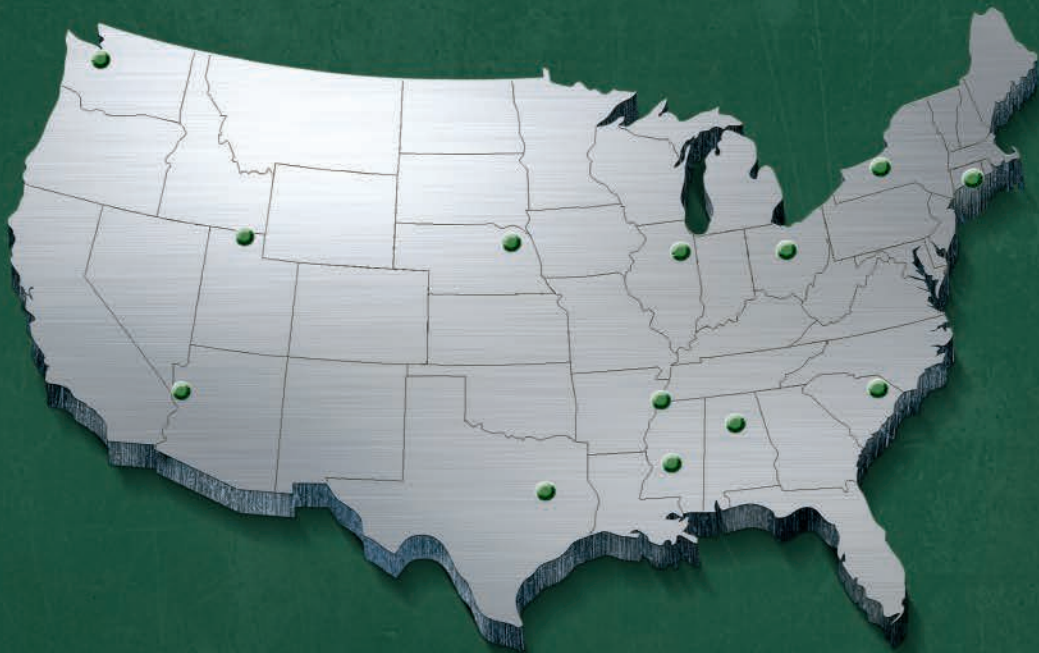
● BAR MILLS

● SHEET MILLS

○ CASTRIP® MILLS

● NUCORBEAM MILLS

● PLATE MILLS





SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL AUBURN

25 Quarry Road
Auburn, NY 13021
Phone: 800-424-1494
Fax: 315-253-5377

NUCOR STEEL JACKSON

3630 Fourth Street
Flowood, MS 39232
Phone: 800-723-1623
Fax: 601-936-6252

NUCOR STEEL MARION

912 Cheney Avenue
Marion, OH 43302
Phone: 800-333-4011
Fax: 740-383-6429

NUCOR STEEL SEATTLE

2424 SW Andover
Seattle, WA 98106
Phone: 800-677-1012
Fax: 206-933-2209

NUCOR STEEL TEXAS

8812 Highway 79 West
Jewett, TX 75846
Phone: 800-527-6445
Fax: 903-626-6262

NUCOR STEEL BIRMINGHAM

2301 F. L. Shuttlesworth Dr.
Birmingham, AL 35234
Phone: 866-862-4796
Fax: 205-250-7479

NUCOR STEEL KANKAKEE

One Nucor Way
Bourbonnais, IL 60914
Phone: 800-866-3131
Fax: 815-939-5598

NUCOR STEEL MEMPHIS

3601 Paul R. Lowry Rd.
Memphis, TN 38109
Phone: 901-786-5900
Fax: 901-786-5348

NUCOR STEEL SOUTH CAROLINA

300 Steel Mill Road
Darlington, SC 29540
Phone: 800-999-7461
Fax: 843-395-8701

NUCOR STEEL UTAH

West Cemetery Road
Plymouth, UT 84330
Phone: 800-453-2886
Fax: 435-458-2309

NUCOR STEEL CONNECTICUT

35 Toelles Road
Wallingford, CT 06492
Phone: 800-221-0323
Fax: 203-265-7676

NUCOR STEEL KINGMAN

3000 West Old Hwy 66
Kingman, AZ 86413
Phone: 800-778-0022
Fax: 928-718-7096

NUCOR STEEL NEBRASKA

2911 East Nucor Road
Norfolk, NE 68701
Phone: 800-228-8174
Fax: 402-644-0359

NUCOR STEEL MEXICO—SALES OFFICE

Batallon de San Patricio #109 Sur of 1730
Col. Valle Oriente CP. 66260
Garza Garcia, NL, Mexico
Phone: 52-81-8133-2788
Fax: 52-81-8133-3799

PRODUCTS BY LOCATION

See **product details** for sizes/grades. Please inquire about non-standard sizes. Mills may be able to produce sizes not listed with a minimum tonnage.

PRODUCTS	Rounds	Squares	Round-Cornered Squares	Hexagons	Flats	Equal Angles	Unequal Angles	Structural Channels	Bar-Size Channels	Rebar	SBQ	Wire Rod
NUCOR STEEL AUBURN	•	•	-	-	•	•	**	•	-	•	•	-
NUCOR STEEL BIRMINGHAM	**	**	-	-	-	-	-	-	-	•	-	-
NUCOR STEEL CONNECTICUT	-	-	-	-	-	-	-	-	-	•	-	•
NUCOR STEEL JACKSON	•	•	-	-	•	•	*	*	*	•	-	-
NUCOR STEEL KANKAKEE	•	-	-	-	•	•	•	•	-	•	-	-
NUCOR STEEL KINGMAN	-	-	-	-	-	-	-	-	-	•	-	•
NUCOR STEEL MARION	•	-	-	-	-	-	-	-	-	•	-	-
NUCOR STEEL MEMPHIS	•	-	•	-	-	-	-	-	-	-	•	-
NUCOR STEEL NEBRASKA	•	•	•	•	•	•	•	•	-	-	•	•
NUCOR STEEL SEATTLE	•	-	-	-	•	•	•	•	-	•	-	-
NUCOR STEEL SOUTH CAROLINA	•	-	•	•	•	•	•	•	-	*	•	•
NUCOR STEEL TEXAS	•	*	-	-	•	•	•	•	•	•	•	-
NUCOR STEEL UTAH	•	•	**	-	•	•	•	•	•	•	•	-

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

LARGE CAPACITY, BEST QUALITY

NUCOR HAS 13 BAR MILLS THAT PRODUCE CONCRETE REINFORCING BARS, HOT-ROLLED BARS, ROD, LIGHT SHAPES, STRUCTURAL ANGLES, STRUCTURAL CHANNELS AND GUARDRAIL IN CARBON AND ALLOY STEEL. THESE PRODUCTS HAVE A WIDE USAGE SERVING PRIMARILY THE AGRICULTURAL, AUTOMOTIVE, CONSTRUCTION, ENERGY, FURNITURE, MACHINERY, METAL BUILDING, RAILROAD, RECREATIONAL EQUIPMENT, SHIPBUILDING, HEAVY TRUCK AND TRAILER MARKET SEGMENTS. THE TOTAL CAPACITY OF THE BAR MILLS IS APPROXIMATELY 8,480,000 TONS PER YEAR.



BAR

OUR STORY



GROWTH

Nucor has 13 bar mills located across the United States. Steel produced at these mills includes concrete reinforcing bars, hot-rolled bars, rounds, light shapes, structural angles, channels, wire rod and highway products in carbon and alloy steels. These products have a wide usage serving primarily the agricultural, automotive, construction, energy, furniture, machinery, metal building, railroad, recreational equipment, shipbuilding, heavy truck and trailer market segments.

During 2012, Nucor began work on a \$290 million strategic investment to expand our engineered bar and wire rod production capabilities by approximately one million tons. Through 2014, significant progress was made on these investments taking place at the Nebraska, South Carolina and Tennessee bar mills. Nucor has begun production on its new wire rod mill located in South Carolina. The Nebraska mill successfully started up its upgraded rolling mill that includes new shears and straightening equipment. The Tennessee mill has completed the installation and commissioning of a new quality assurance line. The investments concluded in 2015 on this strategic initiative.

These investments will allow Nucor to greatly expand our product offerings and to supply the most demanding engineered bar application markets. With our 13 bar mills strategically located across the United States, we will continue to be able to provide the full range of merchant, structural and rebar products to all of our regional customers.

PROCESS

Nucor's steel mills are among the most modern and efficient in the United States. Recycled steel scrap and other metallics are melted in electric arc furnaces and poured into continuous casting systems. Highly sophisticated rolling mills convert the billets, blooms and slabs into rebar, angles, rounds, channels, beams and other products.

KEY MARKETS

The majority of Nucor's total production is sold to outside customers, and the balance is used internally by the Vulcraft, Cold Finish, Rebar Fabrication, Buildings and Fastener Groups. Our steel mill customers are primarily manufacturers, steel service centers and fabricators.

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

		AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH
MBQ ROUNDS	1/2	●	●	—	—	**	●	*	●	●
	9/16	●	●	—	—	●	**	●	●	●
	19/32	**	**	—	—	●	—	●	**	**
	5/8	●	●	—	—	●	●	●	●	●
	21/32	**	**	—	●	●	—	●	**	—
	11/16	**	**	—	●	●	—	●	**	**
	23/32	**	**	—	●	●	—	●	**	**
	3/4	●	●	●	●	●	●	●	●	●
	25/32	**	**	**	●	●	—	●	**	—
	13/16	**	**	**	●	●	—	●	**	**
	27/32	**	**	**	●	●	—	●	**	—
	7/8	●	●	●	●	●	●	●	●	●
	15/16	**	●	**	●	●	**	●	**	**
	1	●	●	●	●	●	●	●	●	●
	1 1/8	**	●	●	●	●	●	●	●	●
	1 1/4	●	●	●	●	●	●	●	●	●
	1 3/8	**	●	●	●	●	●	●	**	●
	1 1/2	●	●	●	●	●	●	●	●	●
	1 5/8	—	—	—	—	●	●	●	*	—
	1 3/4	—	—	—	—	●	●	●	*	●
	2	—	—	—	—	●	—	●	*	●
	2 1/16	—	—	—	—	●	—	●	—	—
	2 3/16	—	—	—	—	●	—	●	—	—
	2 1/4	—	—	—	—	●	—	●	*	●
	2 5/16	—	—	—	—	●	—	●	—	—
	2 3/8	—	—	—	—	●	—	●	—	—
	2 7/16	—	—	—	—	●	—	●	—	—
	2 1/2	—	—	—	—	●	—	●	*	●
	2 19/32	—	—	—	—	●	—	●	—	—
	2 5/8	—	—	—	—	●	—	●	—	—
	2 11/16	—	—	—	—	●	—	●	—	—
	2 3/4	—	—	—	—	●	—	●	*	●
	2 13/16	—	—	—	—	●	—	●	—	—
	2 7/8	—	—	—	—	●	—	●	—	—
	2 15/16	—	—	—	—	●	—	●	—	—
	3	—	—	—	—	●	—	●	*	●
	3 1/16	—	—	—	—	●	—	●	—	—
	3 5/64	—	—	—	—	●	—	●	—	—
	3 3/32	—	—	—	—	●	—	●	—	—
	3 1/8	—	—	—	—	—	—	●	—	—
3 1/4	—	—	—	—	—	—	—	—	**	
3 1/2	—	—	—	—	—	—	—	—	**	
3 5/8	—	—	—	—	—	—	—	—	**	

MBQ SQUARES		AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH
	1/2	●	●	—	—	●	—	—	—	●
	9/16	**	**	—	—	●	—	—	—	—
	5/8	●	●	—	—	●	—	—	—	●
	11/16	**	**	—	—	●	—	—	—	—
	3/4	●	●	—	—	●	—	—	—	●
	13/16	**	**	—	—	●	—	—	—	—
	7/8	**	**	—	—	●	—	—	—	●
	15/16	**	**	—	—	●	—	—	—	—
	1	●	●	—	—	●	—	—	—	●
	1 1/16	**	—	—	—	●	—	—	—	—
	1 1/8	—	—	—	—	●	—	—	—	—
	1 3/16	—	—	—	—	●	—	—	—	—
	1 1/4	—	—	—	—	●	—	—	—	●
	1 9/32	—	—	—	—	●	—	—	—	—
	1 5/16	—	—	—	—	●	—	—	—	—
	1 3/8	—	—	—	—	●	—	—	—	—
	1 7/16	—	—	—	—	●	—	—	—	—
	1 1/2	—	—	—	—	●	—	—	—	●
	1 9/16	—	—	—	—	●	—	—	—	—
	1 5/8	—	—	—	—	●	—	—	—	—
	1 3/4	—	—	—	—	●	—	—	—	—
	1 13/16	—	—	—	—	●	—	—	—	—
	1 7/8	—	—	—	—	●	—	—	—	—
	2	—	—	—	—	●	—	—	—	●
	2 1/16	—	—	—	—	●	—	—	—	—

MBQ ROUND-CORNERED SQUARES		AUBURN	JACKSON	KANKAKEE	MARION	NEBRASKA ⁺	SEATTLE	SOUTH CAROLINA ⁺	TEXAS	UTAH
	1 through 2	—	—	—	—	—	—	●	—	—
	1 1/4 through 2	—	—	—	—	●	—	—	—	**

* Mill stocks, but does not produce + Mill capable of coiling rounds ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

MBQ FLATS	Mills are capable of producing incremental sizes, please inquire.								
	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH	
1/8 x 1	-	-	-	-	-	-	-	-	●
1/8 x 1 1/4	-	-	-	-	-	-	-	-	●
1/8 x 1 1/2	-	-	-	-	-	-	-	-	●
1/8 x 2	-	-	-	-	-	-	-	-	●
1/8 x 2 1/2	-	-	-	-	-	-	-	-	●
1/8 x 3	-	-	-	-	-	-	-	-	●
1/8 x 4	-	-	-	-	-	-	-	-	●
3/16 x 1	-	●	-	-	-	-	-	-	●
3/16 x 1 1/4	-	●	-	-	-	-	-	-	●
3/16 x 1 1/2	-	●	-	●	-	-	-	**	●
3/16 x 2	-	●	-	●	-	-	-	**	●
3/16 x 2 1/2	-	●	-	●	-	-	-	**	●
3/16 x 3	-	●	-	●	-	-	-	**	●
3/16 x 3 1/2	-	-	-	●	-	-	-	**	**
3/16 x 4	-	-	-	●	-	-	-	**	●
3/16 x 5	-	-	-	-	-	-	-	●	●
3/16 x 6	-	-	-	-	-	-	-	●	●
3/16 x 8	-	-	-	-	-	-	-	**	●
1/4 x 1	●	●	-	●	-	*	-	●	●
1/4 x 1 1/4	●	●	-	●	-	-	-	●	●
1/4 x 1 1/2	●	●	-	●	●	-	-	●	●
1/4 x 1 3/4	**	●	-	●	-	**	-	**	●
1/4 x 2	●	●	●	●	●	●	-	●	●
1/4 x 2 1/2	●	●	●	●	●	●	-	●	●
1/4 x 3	●	●	●	●	●	●	-	●	●
1/4 x 3 1/2	●	**	●	●	●	●	-	●	●
1/4 x 4	●	●	●	●	●	●	-	●	●
1/4 x 4 1/4	**	-	-	-	**	**	-	**	**
1/4 x 4 1/2	●	*	-	●	**	●	-	●	●
1/4 x 5	●	*	-	●	●	●	-	●	●
1/4 x 5 1/2	**	-	-	●	**	**	-	**	●
1/4 x 6	●	-	-	●	●	●	-	●	●
1/4 x 7	-	-	-	-	-	●	-	●	●
1/4 x 8	-	-	-	-	-	●	-	●	●
1/4 x 9	-	-	-	-	-	*	-	●	●
1/4 x 10	-	-	-	-	-	*	-	●	●
1/4 x 11	-	-	-	-	-	*	-	●	**
1/4 x 12	-	-	-	-	-	*	-	●	●
5/16 x 1	**	**	-	●	-	-	-	**	●
5/16 x 1 1/4	**	**	-	●	-	-	-	**	**
5/16 x 1 1/2	**	**	-	●	-	●	-	**	●
5/16 x 1 3/4	**	**	-	●	-	**	-	**	**
5/16 x 2	**	●	-	●	**	●	-	**	●
5/16 x 2 1/2	**	**	-	●	**	●	-	**	●
5/16 x 3	**	**	-	●	**	●	-	**	●
5/16 x 3 1/2	**	**	-	●	**	**	-	**	●
5/16 x 4	**	**	-	●	**	●	-	**	●
5/16 x 4 1/2	**	-	-	●	**	**	-	**	**
5/16 x 5	**	-	-	●	**	●	-	●	**
5/16 x 5 1/2	**	-	-	●	**	●	-	**	**
5/16 x 6	**	-	-	●	**	●	-	●	●
5/16 x 7	-	-	-	-	-	●	-	**	●
5/16 x 8	-	-	-	-	-	●	-	●	●
5/16 x 10	-	-	-	-	-	-	-	●	**
3/8 x 1	**	●	-	●	-	*	-	●	●
3/8 x 1 1/4	**	●	-	●	-	-	-	-	●
3/8 x 1 1/2	●	●	-	●	●	●	-	●	●
3/8 x 1 3/4	**	●	-	●	**	**	-	**	●
3/8 x 2	●	●	●	●	●	●	-	●	●
3/8 x 2 1/2	●	●	●	●	●	●	-	●	●
3/8 x 3	●	●	●	●	●	●	-	●	●
3/8 x 3 1/2	●	*	●	●	●	●	-	●	●
3/8 x 4	●	●	●	●	●	●	-	●	●
3/8 x 4 1/2	●	*	-	●	**	●	-	●	●
3/8 x 5	●	*	-	●	●	●	-	●	●
3/8 x 5 1/2	**	-	-	●	**	●	-	**	**
3/8 x 6	●	-	-	●	●	●	-	●	●
3/8 x 7	-	-	-	-	-	●	-	●	●
3/8 x 8	-	-	-	-	-	●	-	●	●
3/8 x 9	-	-	-	-	-	*	-	●	●
3/8 x 10	-	-	-	-	-	*	-	●	●
3/8 x 11	-	-	-	-	-	*	-	●	**
3/8 x 12	-	-	-	-	-	*	-	●	●
1/2 x 1	●	●	-	●	-	*	-	●	●

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

MBQ FLATS *continued*

	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
1/2 x 1 1/4	**	**	-	●	-	-	**	●
1/2 x 1 1/2	●	●	-	●	●	●	●	●
1/2 x 1 3/4	**	●	-	●	**	**	**	**
1/2 x 2	●	●	●	●	●	●	●	●
1/2 x 2 1/2	●	●	●	●	●	●	●	●
1/2 x 3	●	●	●	●	●	●	●	●
1/2 x 3 1/2	●	*	●	●	●	●	●	●
1/2 x 4	●	●	●	●	●	●	●	●
1/2 x 4 1/2	●	*	-	●	**	●	●	●
1/2 x 5	●	*	-	●	●	●	●	●
1/2 x 5 1/2	**	-	-	●	**	●	**	**
1/2 x 6	●	-	-	●	●	●	●	●
1/2 x 7	-	-	-	-	-	●	●	●
1/2 x 8	-	-	-	-	-	●	●	●
1/2 x 9	-	-	-	-	-	*	●	●
1/2 x 10	-	-	-	-	-	*	●	●
1/2 x 11	-	-	-	-	-	*	●	**
1/2 x 12	-	-	-	-	-	*	●	●
5/8 x 1	**	-	-	-	-	-	**	●
5/8 x 1 1/2	**	-	-	-	-	**	**	●
5/8 x 2	**	-	-	●	**	●	**	●
5/8 x 2 1/2	●	-	-	●	**	●	**	●
5/8 x 3	**	-	-	●	**	●	**	●
5/8 x 3 1/2	**	-	-	●	**	●	**	**
5/8 x 4	●	-	-	●	●	●	**	●
5/8 x 4 1/2	**	-	-	●	**	**	**	**
5/8 x 5	**	-	-	●	**	●	●	●
5/8 x 5 1/2	**	-	-	●	**	●	**	**
5/8 x 6	**	-	-	●	●	●	●	●
5/8 x 7	-	-	-	-	-	●	**	●
5/8 x 8	-	-	-	-	-	●	●	●
5/8 x 9	-	-	-	-	-	-	**	●
5/8 x 10	-	-	-	-	-	-	●	●
5/8 x 12	-	-	-	-	-	-	●	●
3/4 x 1	**	-	-	-	-	-	**	●
3/4 x 1 1/4	-	●	-	-	-	-	-	-
3/4 x 1 1/2	**	-	-	-	-	●	**	●
3/4 x 2	●	●	-	●	●	●	●	●
3/4 x 2 1/2	●	●	-	●	**	●	●	●
3/4 x 3	●	-	-	●	●	●	●	●
3/4 x 3 1/2	**	-	-	●	**	●	**	●
3/4 x 4	●	-	-	●	●	●	●	●
3/4 x 4 1/2	**	-	-	●	**	●	**	**
3/4 x 5	●	-	-	●	●	●	●	●
3/4 x 5 1/2	**	-	-	●	**	**	**	**
3/4 x 6	●	-	-	●	●	●	●	●
3/4 x 7	-	-	-	-	-	-	**	●
3/4 x 8	-	-	-	-	-	●	●	●
3/4 x 9	-	-	-	-	-	-	●	●
3/4 x 10	-	-	-	-	-	*	●	●
3/4 x 12	-	-	-	-	-	*	●	●
7/8 x 1 1/2	-	●	-	-	-	-	-	-
1 x 1 1/2	**	-	-	-	-	-	**	●
1 x 2	●	●	-	●	●	●	●	●
1 x 2 1/2	**	-	-	●	**	●	**	●
1 x 3	●	-	-	●	●	●	●	●
1 x 3 1/2	**	-	-	●	**	●	**	**
1 x 4	●	-	-	●	●	●	●	●
1 x 4 1/2	**	-	-	●	**	●	**	**
1 x 5	●	-	-	●	●	●	●	●
1 x 5 1/2	**	-	-	●	**	**	**	**
1 x 6	●	-	-	●	●	●	●	●
1 x 7	-	-	-	-	-	●	●	●
1 x 8	-	-	-	-	-	●	●	●
1 x 9	-	-	-	-	-	-	●	●
1 x 10	-	-	-	-	-	*	●	●
1 x 12	-	-	-	-	-	*	●	●
1 1/4 x 3	-	-	-	-	-	●	**	**
1 1/4 x 4	-	-	-	-	-	●	**	**
1 1/4 x 5	-	-	-	-	-	●	**	**
1 1/2 x 3	-	-	-	-	-	●	**	**
1 1/2 x 4	-	-	-	-	-	●	**	**
1 1/2 x 5	-	-	-	-	-	●	**	**
9/16 through 1 1/32	-	-	-	-	-	●	-	-
9/16 through 2 3/32	-	-	-	●	-	-	-	-

MBQ HEXAGONS

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

MBQ EQUAL ANGLES

	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
3/4 x 3/4 x 1/8	-	-	-	-	-	-	**	●
1 x 1 x 1/8	-	●	-	**	-	-	●	●
1 x 1 x 3/16	-	●	-	**	-	-	●	●
1 x 1 x 1/4	-	●	-	**	-	-	●	●
1 1/4 x 1 1/4 x 1/8	●	●	-	●	●	●	●	●
1 1/4 x 1 1/4 x 3/16	●	●	-	●	●	●	●	●
1 1/4 x 1 1/4 x 1/4	●	●	-	●	●	●	●	●
1 1/2 x 1 1/2 x 1/8	●	●	●	●	●	●	●	●
1 1/2 x 1 1/2 x 3/16	●	●	●	●	●	●	●	●
1 1/2 x 1 1/2 x 1/4	●	●	●	●	●	●	●	●
1 3/4 x 1 3/4 x 1/8	**	●	-	-	●	-	-	-
1 3/4 x 1 3/4 x 3/16	**	●	-	-	●	-	-	-
1 3/4 x 1 3/4 x 1/4	**	●	-	-	●	-	-	-
2 x 2 x 1/8	●	●	●	●	●	●	●	●
2 x 2 x 3/16	●	●	●	●	●	●	●	●
2 x 2 x 1/4	●	●	●	●	●	●	●	●
2 x 2 x 5/16	**	**	**	●	**	**	**	**
2 x 2 x 3/8	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 3/16	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 1/4	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 5/16	**	*	**	●	**	●	**	**
2 1/2 x 2 1/2 x 3/8	●	*	●	●	●	●	●	●
2 1/2 x 2 1/2 x 1/2	**	-	**	-	**	-	●	**
3 x 3 x 3/16	●	*	●	●	●	●	●	●
3 x 3 x 1/4	●	*	●	●	●	●	●	●
3 x 3 x 5/16	●	*	●	●	**	●	●	●
3 x 3 x 3/8	●	*	●	●	●	●	●	●
3 x 3 x 1/2	**	-	**	-	●	●	●	●
3 1/2 x 3 1/2 x 1/4	●	-	-	●	●	●	●	●
3 1/2 x 3 1/2 x 5/16	●	-	-	●	**	●	●	●
3 1/2 x 3 1/2 x 3/8	**	-	-	●	●	●	●	●
3 1/2 x 3 1/2 x 1/2	**	-	-	-	**	-	**	**
4 x 4 x 1/4	●	*	-	●	●	●	●	●
4 x 4 x 5/16	●	-	-	●	**	●	●	●
4 x 4 x 3/8	●	-	-	●	●	●	●	●
4 x 4 x 7/16	**	-	-	**	**	**	**	**
4 x 4 x 1/2	●	-	-	●	●	●	●	●
5 x 5 x 1/4	-	-	-	-	-	-	**	**
5 x 5 x 5/16	-	-	-	-	-	●	●	●
5 x 5 x 3/8	-	-	-	-	-	●	●	●
5 x 5 x 7/16	-	-	-	-	-	●	**	**
5 x 5 x 1/2	-	-	-	-	-	●	●	●
5 x 5 x 5/8	-	-	-	-	-	●	●	●
5 x 5 x 3/4	-	-	-	-	-	**	-	-
5 x 5 x 7/8	-	-	-	-	-	**	-	-
6 x 6 x 1/4	-	-	-	-	-	-	**	**
6 x 6 x 5/16	-	-	-	-	-	-	●	●
6 x 6 x 3/8	-	-	-	-	-	*	●	●
6 x 6 x 7/16	-	-	-	-	-	-	**	**
6 x 6 x 1/2	-	-	-	-	-	*	●	●
6 x 6 x 5/8	-	-	-	-	-	-	●	●
6 x 6 x 3/4	-	-	-	-	-	-	●	●
6 x 6 x 7/8	-	-	-	-	-	-	**	**
6 x 6 x 1	-	-	-	-	-	-	●	●

MBQ UNEQUAL ANGLES

	AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
2 x 1 1/2 x 1/8	-	-	-	-	-	-	-	●
2 x 1 1/2 x 3/16	-	-	-	-	-	-	-	●
2 x 1 1/2 x 1/4	-	-	-	-	-	-	-	●
2 1/2 x 1 1/2 x 3/16	-	-	-	-	-	-	-	●
2 1/2 x 1 1/2 x 5/16	-	-	-	-	-	-	-	**
2 1/2 x 1 1/2 x 1/4	-	-	-	-	-	-	-	●
2 1/2 x 2 x 3/16	-	-	-	-	-	-	**	●
2 1/2 x 2 x 1/4	-	-	-	-	-	-	**	●
2 1/2 x 2 x 3/8	-	-	-	-	-	-	**	●
3 x 2 x 3/16	●	*	●	●	●	●	●	●
3 x 2 x 1/4	●	*	●	●	●	●	●	●
3 x 2 x 5/16	**	-	**	●	**	●	●	**
3 x 2 x 3/8	**	-	**	●	**	●	●	●
3 x 2 x 1/2	**	-	-	●	**	-	**	**
3 x 2 1/2 x 3/16	-	-	-	-	-	-	●	●

* Mill stocks, but does not produce ** Mill has the capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing incremental sizes, please inquire.

		AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
MBQ UNEQUAL ANGLES <i>continued</i>	3 x 2 1/2 x 1/4	-	-	-	-	-	-	●	●
	3 x 2 1/2 x 3/8	-	-	-	-	-	-	●	●
	3 1/2 x 2 1/2 x 1/4	-	-	-	-	-	-	●	●
	3 1/2 x 2 1/2 x 5/16	-	-	-	-	-	-	**	**
	3 1/2 x 2 1/2 x 3/8	-	-	-	-	-	-	●	●
	3 1/2 x 2 1/2 x 1/2	-	-	-	-	-	-	●	**
	3 1/2 x 3 x 1/4	-	-	-	-	-	●	●	-
	3 1/2 x 3 x 5/16	-	-	-	-	-	●	**	-
	3 1/2 x 3 x 3/8	-	-	-	-	-	●	●	-
	4 x 3 x 1/4	*	-	-	●	●	●	●	●
	4 x 3 x 5/16	-	-	-	●	**	●	●	●
	4 x 3 x 3/8	*	-	-	●	●	●	●	●
	4 x 3 x 1/2	*	-	-	-	**	●	**	●
	4 x 3 x 5/8	-	-	-	-	-	●	**	-
	4 x 3 1/2 x 1/4	*	-	-	-	-	●	●	-
	4 x 3 1/2 x 5/16	*	-	-	-	-	●	●	-
	4 x 3 1/2 x 3/8	-	-	-	-	-	●	●	-
	4 x 3 1/2 x 1/2	-	-	-	-	-	●	**	-
	5 x 3 x 1/4	-	-	-	-	-	●	●	●
	5 x 3 x 5/16	-	-	-	-	-	●	●	●
	5 x 3 x 3/8	-	-	-	-	-	●	●	●
	5 x 3 x 1/2	-	-	-	-	-	●	**	●
	5 x 3 1/2 x 1/4	-	-	-	-	-	●	●	●
	5 x 3 1/2 x 5/16	-	-	-	-	-	●	●	●
	5 x 3 1/2 x 3/8	*	-	-	-	-	●	●	●
	5 x 3 1/2 x 1/2	*	-	-	-	-	●	**	**
	6 x 3 1/2 x 5/16	*	-	-	-	-	●	●	●
	6 x 3 1/2 x 3/8	*	-	-	-	-	●	●	●
	6 x 3 1/2 x 1/2	*	-	-	-	-	●	**	**
	6 x 4 x 5/16	*	-	-	-	-	●	●	●
6 x 4 x 3/8	*	-	-	-	-	●	●	●	
6 x 4 x 1/2	-	-	-	-	-	●	●	●	
7 x 4 x 3/8	-	-	-	-	-	-	-	●	
7 x 4 x 1/2	-	-	-	-	-	-	-	●	
7 x 4 x 3/4	-	-	-	-	-	-	-	●	

		AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
STRUCTURAL CHANNELS	3 x 3.5	●	-	-	●	●	●	●	●
	3 x 4.1	●	*	●	●	●	●	●	●
	3 x 5.0	●	-	-	-	-	●	●	●
	4 x 4.5	●	-	-	●	**	●	●	●
	4 x 5.4	●	*	-	●	●	●	●	●
	4 x 6.25	**	-	-	-	-	**	**	●
	4 x 7.25	●	-	-	-	-	●	●	●
	5 x 6.7	*	-	-	-	●	*	●	●
	5 x 9.0	-	-	-	-	-	*	**	●
	6 x 8.2	*	-	-	-	●	*	●	●
	6 x 10.5	-	-	-	-	-	*	●	●
	7 x 9.8	-	-	-	-	-	*	●	*
	8 x 11.5	-	-	-	-	-	*	●	●
	8 x 13.75	-	-	-	-	-	-	●	●
	10 x 15.3	-	-	-	-	-	-	*	●
	10 x 20.0	-	-	-	-	-	-	*	●
12 x 20.7	-	-	-	-	-	-	-	*	

		AUBURN	JACKSON	KANKAKEE	NEBRASKA	SEATTLE	SOUTH CAROLINA	TEXAS	UTAH
BAR SIZE CHANNELS	1 1/2 x 1/2 x 1/8	-	-	-	-	-	-	-	●
	1 1/2 x 9/16 x 3/16	-	-	-	-	-	-	-	**
	1 1/2 x 3/4 x 1/8	-	-	-	-	-	-	-	●
	2 x 1 x 1/8	-	-	-	-	-	-	●	●
	2 x 1 x 3/16	-	-	-	-	-	-	●	●
	2 1/2 x 1 1/4 x 3/16	-	-	-	-	-	-	●	-
	2 1/2 x 1 1/2 x 3/16	-	-	-	-	-	-	**	-

* Mill stocks, but does not produce ** Mill has capability to produce, please inquire

BAR

PRODUCT DETAILS

Mills are capable of producing hard metric sizes, please inquire.

REBAR	Mills are capable of producing hard metric sizes, please inquire.											
	AUBURN†	BIRMINGHAM	CONNECTICUT**†	JACKSON***	KANKAKEE	KINGMAN**†	MARION***†	SEATTLE***	SOUTH CAROLINA*	TEXAS	UTAH	
#3 (10 MM)	●	●	●	●	●	●	●	●	—	●	●	
#4 (13 MM)	●	●	●	●	●	●	●	●	*	●	●	
#5 (16 MM)	●	●	●	●	●	●	●	●	*	●	●	
#6 (19 MM)	●	○	—	●	●	—	●	●	*	●	●	
#7 (22 MM)	●	○	—	●	●	—	●	—	—	●	●	
#8 (25 MM)	●	○	—	●	●	—	●	—	—	●	●	
#9 (29 MM)	●	○	—	●	●	—	●	—	—	●	●	
#10 (32 MM)	●	○	—	●	●	—	●	—	—	●	●	
#11 (36 MM)	●	○	—	●	●	—	●	—	—	●	●	
#14 (43 MM)	●	○	—	—	—	—	—	—	—	●	●	
#14J	—	●	—	—	—	—	—	—	—	—	—	
#18 (57 MM)	—	●	—	—	—	—	—	●	—	●	●	
#18J	—	●	—	—	—	—	—	—	—	—	—	
#20	—	●	—	—	—	—	—	—	—	—	—	

*Mill stocks, but does not produce. **Produces coiled rebar only in sizes 3-6. ***Also produces rebar in 10 mm, 15 mm, 20 mm, 25 mm, 30 mm, 35 mm, 45 mm, and 55 mm. Marion does not produce 45 mm or 55 mm rebar. †Produces metric rebar. ○Special round threaded rebar.

ENGINEERED BAR (SBQ)

NUCOR STEEL AUBURN	<p>Round SBQ cut length: 1/2" to 1 1/2"</p> <p>Flat sizes: 1/4" to 1" thick, 1" to 6" wide</p> <p>Square SBQ cut length: 1/2" to 1"</p> <p>Billet sizes: 5" and 6 1/4" Square</p>
NUCOR STEEL MEMPHIS	<p>Round SBQ cut length: 2 1/4" to 10"</p> <p>Round-cornered square cut length bars: 2 3/4" to 10"</p> <p>As cast round billets: 20 1/8", 16 1/4", 13 1/2", 12 1/4", 11 3/8", 10 1/2", 8 7/8", 6 3/16" and 6"</p> <p>As cast square billets: 6 5/8"</p>
NUCOR STEEL NEBRASKA	<p>Round SBQ cut length: 33/64" to 3 3/32"</p> <p>Rod/Bar in coil: 7/32" to 1 9/16"</p> <p>Hex sizes in coil: 5/8" to 1 11/32", cut length: 9/16" to 2 3/32"</p> <p>Round-cornered squares: 1" to 2 1/16" on request</p> <p>Flat sizes: 3/16" to 1 1/2" thick, 1" to 6" wide</p> <p>Billet sizes: 6 5/8" Square and 6", 6 3/16" and 7" Round</p>
NUCOR STEEL SOUTH CAROLINA	<p>Round SBQ cut length: 9/16" to 3 1/8"</p> <p>Rod/Bar in coil: 7/32" to 1 13/16"</p> <p>Cut length bars: 9/16" to 3 1/8"</p> <p>Round-cornered squares: 1" to 2"</p> <p>Flat sizes: 1/4" to 1 1/2" thick, 1 1/2" to 8" wide</p> <p>Billet sizes: 5 1/8", 6 1/4", 7" Square</p> <p>Hex sizes cut length: 9/16" to 1 1/32" (please inquire about larger sizes)</p>
NUCOR STEEL TEXAS	<p>Flat sizes: 3/16" to 1 1/2" thick, 1" to 12" wide</p> <p>Cutting Blades: 3/16" to 1 3/8" thick, 2" to 10" wide</p> <p>Billet sizes: 5 1/4", 6 1/4", 6.3" x 9" and 5" x 12"</p> <p>Round: 6 3/16" and 8 1/4"</p>

WIRE ROD

	SIZES	GRADES
NUCOR STEEL CONNECTICUT	7/32" – 11/16"	1005B – 1075, 1541
NUCOR STEEL KINGMAN	7/32" – 13/16"	1541, F1554-36, A36, A615/40, 1005B – 1070
NUCOR STEEL NEBRASKA*	7/32" – 45/64"	1006 – 1090
NUCOR STEEL SOUTH CAROLINA*	7/32" – 57/64"	1006 – 1085, 11XX, 12XX, 15XX, 40XX, 41XX, 50XX, 51XX, 86XX, 87XX, ASTM A242

*See engineered bar (SBQ) table for bar in coil capabilities



SHEET



SUMMARY

LOCATIONS

www.nucor.com

NUCOR CASTRIP ARKANSAS

5929 East State Highway 18
Blytheville, AR 72315
Phone: 870-762-5500
Fax: 870-762-9268

NUCOR STEEL ARKANSAS

7301 East County Road 142
Blytheville, AR 72315
Phone: 870-762-2100
Fax: 870-762-2108

NUCOR STEEL BERKELEY

1455 Hagan Avenue
Huger, SC 29450
Phone: 843-336-6000
Fax: 843-336-6108

NUCOR STEEL DECATUR

4301 Iverson Boulevard
Trinity, AL 35673
Phone: 866-825-3239
Fax: 256-560-4990

NUCOR STEEL GALLATIN

4831 US Highway 42 West
Ghent, KY 41045
Phone: 859-567-3100
Fax: 800-272-2452

NUCOR STEEL INDIANA & NUCOR CASTRIP INDIANA

4537 South Nucor Road
Crawfordsville, IN 47933
Phone: 765-364-1323
Fax: 765-364-1695

NUCOR STEEL TUSCALOOSA

1700 Holt Road
Tuscaloosa, AL 35404
Phone: 800-800-8204
Fax: 205-556-1476

PRODUCTS

HOT ROLLED

Steel sheet is processed to its final thickness by rolling at high temperatures on a hot rolling mill. Can further process by pickling and oiling, which is a method of removing the surface oxides and applying an oil to improve lubricity and provide a more rust-resistant product.

FLOOR PLATE

Surestride™ floor plate is hot rolled with a raised lug pattern that provides safe walking and working surfaces anywhere dusty, oily, or wet environments create hazardous conditions. Also available as pickled and oiled.

CASTRIP®

An Ultra-thin Cast Steel (UCS) product exclusively offered by Nucor that can be used in many applications, substituting for both hot-rolled and cold-rolled sheet. Offered as hot-rolled, pickled and oiled, or as a galvanized product.

COLD ROLLED

Hot-rolled steel that has been cold rolled to its specified final thickness at room temperature. May be supplied as fully processed (annealed) or full hard.

GALVANIZED

Steel sheet coated with a thin layer of zinc to increase its corrosion resistance. Our galvanizing is done through a hot-dip operation.

GALVANNEALED

An extra tight coating of galvanizing metal (zinc) applied to a soft steel sheet, after which the sheet is passed through an oven. The coating is dull gray without spangle.

AN EVOLUTION IN STEEL

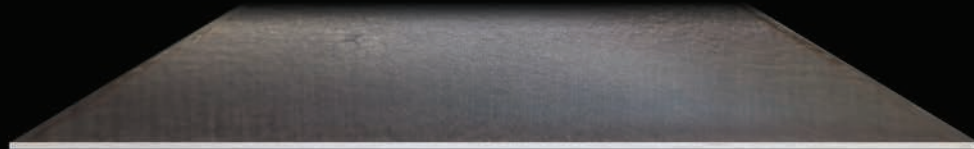
THE MOMENT OUR FIRST MINI-MILL BEGAN OPERATIONS MORE THAN 40 YEARS AGO, IT IGNITED A NEW WAY OF THINKING IN THE AMERICAN STEEL INDUSTRY. AND WE'VE BEEN CHANGING THE INDUSTRY EVER SINCE. USING A REVOLUTIONARY THIN-SLAB PROCESS, NUCOR MINI-MILLS ARE NOW CAPABLE OF PRODUCING HOT-ROLLED, SURESTRIDE™ FLOOR PLATE, CASTRIP® ULTRA-THIN CAST STEEL, COLD-ROLLED, AND GALVANIZED/GALVANNEALED SHEET AT QUALITY LEVELS NEVER BEFORE IMAGINED. THE TOTAL CAPACITY OF OUR FLAT-ROLLED MILLS IS APPROXIMATELY 11,300,000 TONS PER YEAR.



Traditional Thick-Slab



Nucor Thin-Slab



Nucor Castrip® Ultra-Thin Cast Steel



SHEET

SUMMARY

CAPABILITIES (Refer to www.nucor-sheetmills.com for most current capabilities.)

		DIMENSION RANGE (inches)				GRADES	NOTES
		THICKNESS		WIDTH			
		min	max	min	max		
NUCOR STEEL ARKANSAS	HOT ROLLED	0.055	0.625	36	64	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 45-80), API Grades, Rephos, Copper Added, AR200, Conversion to 871 Grade 65, A606, JIS and EN grades.	Pickled & Oiled available up to .250". Temper passing available.
	SURESTRIDE™ FLOOR PLATE	0.059	0.500	36	64	Commercial Steel (CS), Conversion to A36, Structural Grade 36, High Strength Low Alloy (HSLA) Grade 50. Other specialty grades may be available.	Produced as ASTM A786, pattern #4. Pickled & Oiled available up to .185".
	COLD ROLLED	0.012	0.130	35	62.5	Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Structural Steel (SS 25-80), High Strength Low Alloy (HSLA 45-80), Quarter, Half, and Full Hard, Motor Lamination, Commercial Bright, Rephos, A606 Type 2 & 4, JIS and EN grades.	Commercial Bright available.
	GALVANIZED	0.012	0.101	35	62.5	Commercial Steel (CS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Forming Steel (FS), Structural Steel (SS 33-80), High Strength Low Alloy (HSLA 50-80), FH 109 ksi, JIS and EN grades.	Hot Dipped Galvanized. Produced as Minimum Spangle. G30-G235 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, UL Certification. Texturized Finish (Super Seville Pattern).
NUCOR CASTRIP ARKANSAS	UCS*	0.040	0.065	46	60.0	Commercial Steel (CS), Drawing Steel (DS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 60-100), Copper Added, A606, JIS, SAE and EN grades. HSLA 100 now available.	Pickled & Oiled available. All material sold cut edge and shape corrected.
	UCS GALVANIZED	0.040	0.065	46	60.0	Commercial Steel (CS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 50-80), Copper Added, JIS and EN grades.	Hot Dipped Galvanized. Produced as Minimum Spangle, G30-G210 Coating.
NUCOR STEEL BERKELEY	HOT ROLLED	0.050	0.625	36	74	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel (SS 30-55), High Strength Low Alloy (HSLA 45-80), Dual Phase, API Line Pipe, Rephos, Pressure Vessel Quality, 10B38, A606 Type 2 & 4, Copper Added, JIS and EN grades, High Carbon 1035-1055.	Pickled & Oiled available up to .500" thickness x 72", Temper Passing and Tension Leveling available on Pickled product.
	SURESTRIDE™ FLOOR PLATE	0.087	0.500	36	72	Commercial Steel (CS), Conversion to A36, Structural Grade 36, HSLA Grade 45-50. Other specialty grades may be available.	Produced as ASTM A786, pattern #4. Pickled & Oiled available.
	COLD ROLLED	0.012	0.125	36	72	Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Structural Steel (SS 25-40), High Strength Low Alloy (HSLA 45-70), 1/4 Hard, 1/2 Hard, Full Hard, Motor Lamination Types 1-6, Rephos, Enameling, A606 Type 2 & 4, Copper Added, JIS and EN grades, High Carbon 1035-1055.	Tension Leveling, Texturized Finish (Super Seville), and Commercial Bright are available.
	GALVANIZED & GALVANNEALED	0.012	0.123	36	65	Commercial Steel (CS), Forming Steel (FS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), Structural Steel (SS 33-80), FH 109 ksi, High Strength Low Alloy (HSLA 40-80), Dual Phase, AHSS, UHSS (NuPhase), Bake Hard & Dent Resistant, JIS and EN grades.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G180 coating. Galvannealed A30-A60 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, Texturized Finish (Super Seville).

*UCS is Ultra-thin Cast Steel produced by our Castrip® facilities.

SHEET

SUMMARY

CAPABILITIES (cont.)

		DIMENSION RANGE (inches)				GRADES	NOTES
		THICKNESS		WIDTH			
		min	max	min	max		
NUCOR STEEL INDIANA	HOT ROLLED	0.055	0.625	35	55	Deep Drawing Steel (DDS), Commercial Steel (CS), Drawing Steel (DS), Conv to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 45-80), API Grades, Sour Service, A606, JIS (440-590), Stretch flangeable (SF), High carbon 1035-1095, Alloy grades, H-grades, Aerospace, AHSS, Boron grades and EN grades.	Pickled & Oiled available. Temper passing available.
	COLD ROLLED	0.016	0.097	34	52.5	Commercial Steel (CS), Drawing Steel (DS), 1/4 Hard, 1/2 Hard, Full Hard, Conv to A36, Structural Steel Grades (SS 30-50), High Strength Low Alloy (HSLA 45-70), JIS (270-440), Stretch flangeable (SF), High carbon 1035-1074, Motor Lam Type 1-8, High Perm CRML, Type 9 Spheroidized, Normalized, H-grades, Aerospace, Boron grades and EN grades.	Commercial Bright available.
	GALVANIZED	0.016	0.130	34	52.5	Extra Deep Drawing Steel (EDDS), Deep Drawing Steel (DDS), Commercial Steel (CS), Forming Steel (FS), Conversion to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 40-70), JIS (270-440), Stretch flangeable (SF), Full Hard and EN grades, AAHS and Boron grades.	Hot Dipped Galvanized, Produced as Full Spangle, Minimum Spangle, G30-G210 Coating Extra Smooth, Chem. Treat.
NUCOR CASTRIP INDIANA	UCS*	0.035	0.060	42	52	Commercial Steel (CS), Drawing Steel (DS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 60-100), Copper Added, A606, JIS and EN grades. HSLA 100 now available.	Pickled & Oiled available. All material sold cut edge and shape corrected.
	UCS GALVANIZED	0.035	0.060	42	52	Commercial Steel (CS), Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 60-80), Copper Added, JIS and EN grades.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G185, G30-G210 Coating.
NUCOR STEEL DECATUR	HOT ROLLED	0.052	0.750	36	64.5	Commercial Steel (CS), Drawing Steel (DS), Conversion to A36, Structural Steel (SS) Grades 30-55, High Strength Low Alloy (HSLA) Grades 45-100 (NuStrength 100), API Thru X70, Copper Added, Armor Plate, AR Grades, Weathering Steels, JIS and EN grades, PVQ - SA414 Grades A, C & G, Rephos.	Pickled & Oiled available. Temper passing available. CE mark Certification S235JR.
	COLD ROLLED	0.012	0.135	36	64	Commercial Steel (CS), Drawing Steel (DS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), 1/4 Hard, 1/2 Hard Full Hard, Structural Steel (SS) Grades 25-50, 70 & 80, High Strength Low Alloy (HSLA) Grades 45-80, Rephos, JIS and EN grades, A606.	Commercial Bright available.
	GALVANIZED & GALVANNEALED	0.015	0.096	36	72	Commercial Steel (CS), Forming Steel (FS), Deep Drawing Steel (DDS), Extra Deep Drawing Steel (EDDS), High Strength Low Alloy (HSLA), Bake Hardenable (BH) 180-250, Dual Phase (DP) 590 - 980, JIS and EN grades FH 109ksi.	Hot Dipped Galvanized, Produced as Minimum Spangle, G30-G165 Coating. Galvannealed A25-A60 Coating, Extra Smooth, Chem. Treat & RoHS Compliant Chem. Treat, Acrylic Coated, Phosphate. UL Certified, MAL HC1 Prelube.
NUCOR STEEL GALLATIN	HOT ROLLED	0.055	0.625	39	64	Commercial Steel (CS), Drawing Steels, Conv to A36, Structural Steel Grades (SS 30-55), High Strength Low Alloy (HSLA 45-80), API Grades, Pressure Vessel Quality, 10B38, A606 Type 2 & 4, JIS Grades, High Carbon 1026-1074.	Pickled & Oiled available, Slit edge available.
NUCOR STEEL TUSCALOOSA	HOT ROLLED	0.187	1.000	48	96	Coils for conversion to A36, A283, A285, A455, A500, A572, A516, A588, A871, AR200, ABS, Lloyds, API Grades, EN 10025, S275, S355, A139, A252, SA414-G, GL-DNV, A709, A606, A1011 and A1018 1045, CSA Specs.	Can cut to temper passed plate. CE mark, PED Approved.

*UCS is Ultra-thin Cast Steel produced by our Castrip® facilities.

SHEET

OUR STORY

THE SMALL BANG THEORY

SMALL THINKING AND BIG IDEAS

At Nucor, we're as proud of our technical innovations as we are of the philosophy that made them possible. A philosophy of small thinking and big ideas. A philosophy that says the best way to meet the needs of an industry is to focus on the needs of the individual customer. Through continuous innovation, technological aggressiveness and dedication to the customer, Nucor's position as a dominant presence is set on a course far into the future. Proving once again that big things really do come in small packages.

It's no accident that our family of flat-rolled steel plants is redefining what being a mini-mill means. Nucor has an R&D portfolio that few can match and a proud history of technological firsts to show for it.

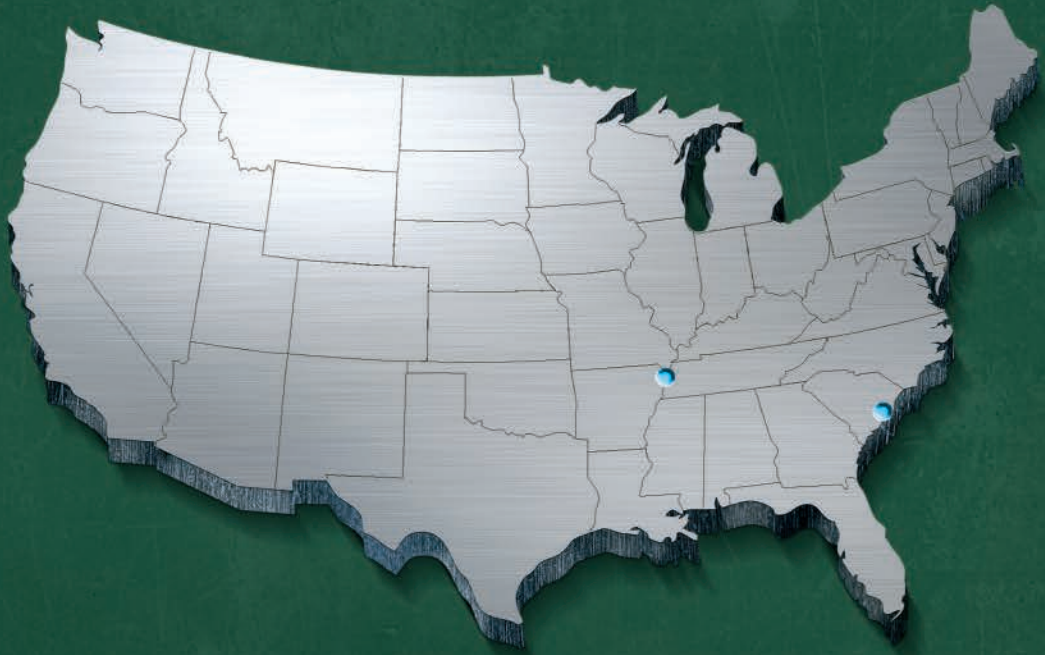
It begins with the advent of the mini-mill itself, which our competitors dismissed as folly. Then quickly copied. And it includes the industry's first thin-slab casting sheet mill, which our competitors mocked. Then immediately copied. Today our record of leading the pack has never been stronger. We constructed the world's first "micro-mill," which transforms molten metal directly into steel sheet in just one remarkable step. We also installed the industry's first vacuum degasser for thin-slab casting, which allows us to produce grades of steel beyond anyone's expectations. All of which proves we just can't leave well enough alone.

PRODUCT APPLICATIONS

Today you will find Nucor sheet steel used in a variety of markets.

- Agriculture
- Appliance
- Armor Plate
- Automotive
- Construction Products
- Culvert
- Entry Systems
- Furniture
- Heavy Equipment
- High Carbon/Alloy
- HVAC
- Lawn & Garden
- Lighting Fixture
- Metal Buildings
- Motor Lamination
- Packaging/Container
- Pipe & Tube
- Steel Sheet Piling
- Transportation
- Water Heater







SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL BERKELEY

1455 Hagan Avenue
 Huger, SC 29450
 Phone: 877-722-3261
 Fax: 843-336-6539

NUCOR-YAMATO STEEL

5929 East State Highway 18
 Armorel, AR 72310
 Phone: 870-762-5500
 Fax: 870-762-9268

PRODUCTS

HOT ROLLED (Main Product Specs)

		MANUFACTURED HOUSING BEAMS	WIDE FLANGE BEAMS	STANDARD BEAMS	CHANNELS	MC CHANNELS	ANGLES	SHEET PILE SECTIONS	H-PILE SECTIONS	WIDE SHEET PILING
NUCOR STEEL BERKELEY	SIZES	From M6 to M12, N12.5	From W4 x 4 to W16 x 5.5 From 7# to 50#	S3, S4, S5, S6, S8 and S10	C5, C6, C8, C10, C12 and C15	MC10 x 8.4, MC10 x 22-41.1, MC12 x 10.6, MC12 x 14.3	L6 x 6*	NA	NA	NA
	GRADES	Standard Structural grades of: ASTM A992, A572-50, A588, A36 and A529 (with some exceptions) Equivalent grades of: ASTM A709 and AASHTO M270								
	LENGTHS	Standard Lengths: 20' – 60', in 5' increments								
NUCOR-YAMATO STEEL COMPANY	SIZES	From W6 x 6 to W44 x 16 From 15# to 730#	S12, S15, S18, S20 and S24	C12 and C15	MC12, MC13 and MC18	L8 x 4, L8 x 6 and L8 x 8	NA	PZ22, PZ27, PZ35 and PZ40 PS27.5 and PS31	HP8 x 8, HP10 x 10, HP12 x 12, HP14 x 14.5, HP16 x 16 and HP18 x 18	NZ19, NZ20, NZ21, NZ26 and NZ28
	GRADES	NA	Standard Structural grades of: ASTM A992, A572-50, A588 and A36 (with some exceptions) A913 Grades 65 and 70 are available for most of the Mill 2 product range Equivalent grades of: ASTM A709 and AASHTO M270							
	LENGTHS	Standard Lengths: 30' – 80', in 5' increments								

Further NZ section will be coming on line. Currently in trials on A913 grades 50, 65 and 70. *Mill has capability to produce, please inquire.

PARTNERSHIP LEADS TO INNOVATION

NUCORBEAM IS A PARTNERSHIP BETWEEN OUR STRUCTURAL MILLS, NUCOR-YAMATO STEEL AND NUCOR STEEL BERKELEY, WHICH OFFERS OUR CUSTOMERS A DIVERSE RANGE OF WIDE-FLANGE STEEL BEAMS, PILINGS AND STRUCTURAL STEEL PRODUCTS. THE FOUNDATION FOR THIS TEAM WAS CONSTRUCTED IN 1987, WHEN NUCOR CORPORATION AND YAMATO KOGYO, CO. ESTABLISHED NUCOR-YAMATO STEEL IN BLYTHEVILLE, ARKANSAS. ROOTED IN A COMMITMENT TO REVOLUTIONIZE THE PRODUCTION OF STRUCTURAL STEEL SECTIONS, THIS PARTNERSHIP BROUGHT TOGETHER TWO TECHNOLOGIES THAT HAD PREVIOUSLY BEEN SUCCESSFUL, YET INDEPENDENT, IN THE STEEL-MAKING INDUSTRY: THE MINI-MILL AND BEAM-BLANK CASTING. THE COMBINATION INTRODUCED UNTAPPED EFFICIENCIES TO THE MANUFACTURE OF STRUCTURAL STEEL SHAPES AND WAS SO SUCCESSFUL THAT WHEN NUCOR EXPANDED TO BERKELEY, SOUTH CAROLINA ELEVEN YEARS LATER, IT OPENED A STRUCTURAL MILL EQUIPPED WITH THE SAME REVOLUTIONARY PROCESSES. TODAY, NUCORBEAM HAS A TOTAL CAPACITY OF MORE THAN 3,250,000 TONS AND SUPPLIES MATERIAL TO A RANGE OF PARTNERS, INCLUDING FABRICATORS, STEEL SERVICE CENTERS, MANUFACTURERS AND CONSTRUCTION COMPANIES.





INVESTING IN THE FUTURE AND ASTM A913/A913M STEEL

In 2016, Nucor-Yamato Steel installed an in-line Quenching and Self-Tempering (QST) apparatus, enabling us to become the first North American producer of ASTM A913/A913M (ASTM A913) sections. Our investment includes not only the QST apparatus, but also various enabling works, including enhancing several existing pieces of equipment, improving material handling, and upgrading site utilities, which will improve our efficiency in production for years to come.

The most progressive specification for structural shapes in the market, ASTM A913 steel simultaneously combines high-strength with superior weldability, toughness and ductility characteristics. Available in yield strengths of 50 ksi (345 MPa), 65 ksi (450 MPa), and 70 ksi (485 MPa), ASTM A913 steel is compliant with structural design and fabrication codes throughout the world, including the International Building Code, AISC's Steel Construction Manual (AISC 360) and Seismic Design Manual (AISC 341), CISC's Handbook of Steel Construction, and AWS's Structural Welding Codes (AWS D1.1 and D1.5), among others.

The QST apparatus at Nucor-Yamato Steel is installed at the end of our rolling line and is composed of several bays of water nozzles used to perform an in-line heat treatment and cooling rate control process to our structural shapes. The method includes a regulated cooling (quench) of the section, followed by a reheat by energy retained within the core of the section (self-tempering). The procedure leads to a refinement of the steel microstructure, which gives the section high yield and tensile strengths while also maintaining good ductility and toughness of the material.

PRODUCT APPLICATIONS

Our structural steel affects everyday lives by serving as the structural system — large and small — in our homes, schools, stadiums and the buildings that form our skylines, to the bridges, tunnels and highway systems that connect our cities, suburbs and non-urban reaches. It is also a key component of construction equipment, farm machinery, truck trailers, railcars and shipping elements, thereby helping to sustain our industries and deliver the items necessary for our populations to thrive. The versatility and adaptability demonstrated by NucorBeam has contributed to our recognition as a leader in the structural steel business, and has also enabled us to succeed in our efforts to always take care of our customers while being cultural and environmental stewards in the communities where we live and work.

NUCORBEAM

PRODUCT DETAILS

BEAMS						
	BERKELEY	NYS1	NYS2	BERKELEY	NYS1	NYS2
M6 X 4.4	●	–	–			●
M8 X 6.5	●	–	–			●
M10 X 8	●	–	–			●
M10 X 9	●	–	–			●
NP 12.5 X 10.8	●	–	–			●
NP 12.5 X 11.6	●	–	–			●
NP 12.5 X 12.4	●	–	–			●
M12 X 10.8	●	–	–			●
M12 X 11.8	●	–	–			●
W4 x 4 x 13	●	–	–			●
W5 x 5 x 16	●	–	–			●
W5 x 5 x 19	●	–	–			●
W6 X 4 X 7	●	–	–			●
W6 x 4 x 8.5	●	–	–			●
W6 x 4 x 9	●	–	–			●
W6 x 4 x 12	●	–	–			●
W6 x 4 x 16	●	–	–			●
W6 x 6 x 15	●	●	–			●
W6 x 6 x 20	●	●	–			●
W6 x 6 x 25	●	●	–			●
W8 x 4 x 10	●	–	–			●
W8 x 4 x 13	●	–	–			●
W8 x 4 x 15	●	–	–			●
W8 x 5-1/4 x 18	●	●	–			●
W8 x 5-1/4 x 21	●	●	–			●
W8 x 6-1/2 x 24	●	●	–			●
W8 x 6-1/2 x 28	●	●	–			●
W8 x 8 x 31	●	●	–			●
W8 x 8 x 35	●	●	–			●
W8 x 8 x 40	●	●	–			●
W8 x 8 x 48	●	●	–			●
W8 x 8 x 58	–	●	–			●
W8 x 8 x 67	–	●	–			●
W10 x 4 x 12	●	–	–			●
W10 x 4 x 15	●	–	–			●
W10 x 4 x 17	●	–	–			●
W10 x 4 x 19	●	–	–			●
W10 x 5-3/4 x 22	●	●	–			●
W10 x 5-3/4 x 26	●	●	–			●
W10 x 5-3/4 x 30	●	●	–			●
W10 x 8 x 33	●	●	–			●
W10 x 8 x 39	●	●	–			●
W10 x 8 x 45	●	●	–			●
W10 x 10 x 49	–	●	–			●
W10 x 10 x 54	–	●	–			●
W10 x 10 x 60	–	●	–			●
W10 x 10 x 68	–	●	–			●
W10 x 10 x 77	–	●	–			●
W10 x 10 x 88	–	●	–			●
W10 x 10 x 100	–	●	–			●
W10 x 10 x 112	–	●	–			●
W12 x 4 x 14	●	–	–			●
W12 x 4 x 16	●	●	–			●
W12 x 4 x 19	●	●	–			●
W12 x 4 x 22	●	●	–			●
W12 x 6-1/2 x 26	●	●	–			●
W12 x 6-1/2 x 30	●	●	–			●
W12 x 6-1/2 x 35	●	●	–			●
W12 x 8 x 40	●	●	–			●
W12 x 8 x 45	●	●	–			●
W12 x 8 x 50	●	●	–			●
W12 x 10 x 53	–	●	–			●
W12 x 10 x 58	–	●	–			●
W12 x 12 x 65	–	●	–			●
W12 x 12 x 72	–	●	–			●
W12 x 12 x 79	–	●	–			●
W12 x 12 x 87	–	●	–			●
W12 x 12 x 96	–	●	–			●
W12 x 12 x 106	–	●	–			●
W12 x 12 x 120	–	●	–			●
W12 x 12 x 136	–	–	●			●
W12 x 12 x 152	–	–	●			●
W12 x 12 x 170	–	–	●			●
W12 x 12 x 190	–	–	–			●
W12 x 12 x 210	–	–	–			●
W12 x 12 x 230	–	–	–			●
W12 x 12 x 252	–	–	–			●
W12 x 12 x 279	–	–	–			●
W12 x 12 x 305	–	–	–			●
W12 x 12 x 336	–	–	–			●
W14 x 5 x 22	●	●	–			●
W14 x 5 x 26	●	●	–			●
W14 x 6-3/4 x 30	●	●	–			●
W14 x 6-3/4 x 34	●	●	–			●
W14 x 6-3/4 x 38	●	●	–			●
W14 x 8 x 43	–	●	–			●
W14 x 8 x 48	–	●	–			●
W14 x 8 x 53	–	●	–			●
W14 x 10 x 61	–	●	–			●
W14 x 10 x 68	–	●	–			●
W14 x 10 x 74	–	●	–			●
W14 x 10 x 82	–	–	–			●
W14 x 14-1/2 x 90	–	–	–			●
W14 x 14-1/2 x 99	–	–	–			●
W14 x 14-1/2 x 109	–	–	–			●
W14 x 14-1/2 x 120	–	–	–			●
W14 x 14-1/2 x 132	–	–	–			●
W14 x 16 x 145	–	–	–			●
W14 x 16 x 159	–	–	–			●
W14 x 16 x 176	–	–	–			●
W14 x 16 x 193	–	–	–			●
W14 x 16 x 211	–	–	–			●
W14 x 16 x 233	–	–	–			●
W14 x 16 x 257	–	–	–			●
W14 x 16 x 283	–	–	–			●
W14 x 16 x 311	–	–	–			●
W14 x 16 x 342	–	–	–			●
W14 x 16 x 370	–	–	–			●
W14 x 16 x 398	–	–	–			●
W14 x 16 x 426	–	–	–			●
W14 x 16 x 455	–	–	–			●
W14 x 16 x 500	–	–	–			●
W14 x 16 x 550	–	–	–			●
W14 x 16 x 605	–	–	–			●
W14 x 16 x 665	–	–	–			●
W14 x 16 x 730	–	–	–			●
W16 x 5-1/2 x 26	●	●	–			●
W16 x 5-1/2 x 31	●	●	–			●
W16 x 7 x 36	–	●	–			●
W16 x 7 x 40	–	●	–			●
W16 x 7 x 45	–	●	–			●
W16 x 7 x 50	–	●	–			●
W16 x 7 x 57	–	–	–			●
W16 x 10-1/4 x 67	–	●	–			●
W16 x 10-1/4 x 77	–	●	–			●
W16 x 10-1/4 x 89	–	●	–			●
W16 x 10-1/4 x 100	–	●	–			●
W18 x 6 x 35	–	●	–			●
W18 x 6 x 40	–	●	–			●
W18 x 6 x 46	–	●	–			●
W18 x 7-1/2 x 41	–	●	–			●
W18 x 7-1/2 x 45	–	●	–			●
W18 x 7-1/2 x 50	–	●	–			●
W18 x 7-1/2 x 55	–	●	–			●
W18 x 7-1/2 x 60	–	●	–			●
W18 x 7-1/2 x 65	–	●	–			●
W18 x 7-1/2 x 71	–	–	–			●
W18 x 11 x 76	–	–	–			●
W18 x 11 x 86	–	–	–			●
W18 x 11 x 97	–	–	–			●
W18 x 11 x 106	–	–	–			●
W18 x 11 x 119	–	–	–			●
W18 x 11 x 130	–	–	–			●
W18 x 11 x 143	–	–	–			●
W18 x 11 x 158	–	–	–			●
W18 x 11 x 175	–	–	–			●

NUCORBEAM

PRODUCT DETAILS

BEAMS							
	BERKELEY	NYS1	NYS2	BERKELEY	NYS1	NYS2	
W18 x 11 x 192	-	-	●	W30 x 15 x 173	-	-	●
W18 x 11 x 211	-	-	●	W30 x 15 x 191	-	-	●
W18 x 11 x 234	-	-	●	W30 x 15 x 211	-	-	●
W18 x 11 x 258	-	-	●	W30 x 15 x 235	-	-	●
W18 x 11 x 283	-	-	●	W30 x 15 x 261	-	-	●
W18 x 11 x 311	-	-	●	W30 x 15 x 292	-	-	●
W21 x 6-1/2 x 44	-	●	-	W30 x 15 x 326	-	-	●
W21 x 6-1/2 x 50	-	●	-	W30 x 15 x 357	-	-	●
W21 x 6-1/2 x 57	-	●	-	W30 x 15 x 391	-	-	●
W21 x 8-1/4 x 48	-	●	-	W33 x 11-1/2 x 118	-	-	●
W21 x 8-1/4 x 55	-	●	-	W33 x 11-1/2 x 130	-	-	●
W21 x 8-1/4 x 62	-	●	-	W33 x 11-1/2 x 141	-	-	●
W21 x 8-1/4 x 68	-	●	-	W33 x 11-1/2 x 152	-	-	●
W21 x 8-1/4 x 73	-	●	-	W33 x 11-1/2 x 169	-	-	●
W21 x 8-1/4 x 83	-	●	-	W33 x 15-3/4 x 201	-	-	●
W21 x 8-1/4 x 93	-	-	●	W33 x 15-3/4 x 221	-	-	●
W21 x 12-1/4 x 101	-	-	●	W33 x 15-3/4 x 241	-	-	●
W21 x 12-1/4 x 111	-	-	●	W33 x 15-3/4 x 263	-	-	●
W21 x 12-1/4 x 122	-	-	●	W33 x 15-3/4 x 291	-	-	●
W21 x 12-1/4 x 132	-	-	●	W33 x 15-3/4 x 318	-	-	●
W21 x 12-1/4 x 147	-	-	●	W33 x 15-3/4 x 354	-	-	●
W21 x 12-1/4 x 166	-	-	●	W33 x 15-3/4 x 387	-	-	●
W21 x 12-1/4 x 182	-	-	●	W36 x 12 x 135	-	-	●
W21 x 12-1/4 x 201	-	-	●	W36 x 12 x 150	-	-	●
W21 x 12-1/4 x 223	-	-	●	W36 x 12 x 160	-	-	●
W21 x 12-1/4 x 248	-	-	●	W36 x 12 x 170	-	-	●
W21 x 12-1/4 x 275	-	●	-	W36 x 12 x 182	-	-	●
W24 x 7 x 55	-	●	-	W36 x 12 x 194	-	-	●
W24 x 7 x 62	-	●	-	W36 x 12 x 210	-	-	●
W24 x 9 x 56	-	-	●	W36 x 12 x 232	-	-	●
W24 x 9 x 61	-	-	●	W36 x 12 x 256	-	-	●
W24 x 9 x 68	-	-	●	W36 x 16-1/2 x 231	-	-	●
W24 x 9 x 76	-	-	●	W36 x 16-1/2 x 247	-	-	●
W24 x 9 x 84	-	-	●	W36 x 16-1/2 x 262	-	-	●
W24 x 9 x 94	-	-	●	W36 x 16-1/2 x 282	-	-	●
W24 x 9 x 103	-	-	●	W36 x 16-1/2 x 302	-	-	●
W24 x 12-3/4 x 104	-	-	●	W36 x 16-1/2 x 330	-	-	●
W24 x 12-3/4 x 117	-	-	●	W36 x 16-1/2 x 361	-	-	●
W24 x 12-3/4 x 131	-	-	●	W36 x 16-1/2 x 395	-	-	●
W24 x 12-3/4 x 146	-	-	●	W36 x 16-1/2 x 441	-	-	●
W24 x 12-3/4 x 162	-	-	●	W36 x 16-1/2 x 487	-	-	●
W24 x 12-3/4 x 176	-	-	●	W36 x 16-1/2 x 529	-	-	●
W24 x 12-3/4 x 192	-	-	●	W40 x 11-3/4 x 149	-	-	●
W24 x 12-3/4 x 207	-	-	●	W40 x 11-3/4 x 167	-	-	●
W24 x 12-3/4 x 229	-	-	●	W40 x 11-3/4 x 183	-	-	●
W24 x 12-3/4 x 250	-	-	●	W40 x 11-3/4 x 211	-	-	●
W24 x 12-3/4 x 279	-	-	●	W40 x 11-3/4 x 235	-	-	●
W24 x 12-3/4 x 306	-	-	●	W40 x 11-3/4 x 264	-	-	●
W24 x 12-3/4 x 335	-	-	●	W40 x 11-3/4 x 278	-	-	●
W24 x 12-3/4 x 370	-	-	●	W40 x 11-3/4 x 294	-	-	●
W27 x 10 x 84	-	-	●	W40 x 11-3/4 x 327	-	-	●
W27 x 10 x 94	-	-	●	W40 x 16 x 199	-	-	●
W27 x 10 x 102	-	-	●	W40 x 16 x 215	-	-	●
W27 x 10 x 114	-	-	●	W40 x 16 x 249	-	-	●
W27 x 10 x 129	-	-	●	W40 x 16 x 277	-	-	●
W27 x 14 x 146	-	-	●	W40 x 16 x 297	-	-	●
W27 x 14 x 161	-	-	●	W40 x 16 x 324	-	-	●
W27 x 14 x 178	-	-	●	W40 x 16 x 362	-	-	●
W27 x 14 x 194	-	-	●	W40 x 16 x 372	-	-	●
W27 x 14 x 217	-	-	●	W40 x 16 x 397	-	-	●
W27 x 14 x 235	-	-	●	W40 x 16 x 431	-	-	●
W27 x 14 x 258	-	-	●	W44 x 16 x 230	-	-	●
W27 x 14 x 281	-	-	●	W44 x 16 x 262	-	-	●
W27 x 14 x 307	-	-	●	W44 x 16 x 290	-	-	●
W27 x 14 x 336	-	-	●	W44 x 16 x 335	-	-	●
W27 x 14 x 368	-	-	●	S3 X 5.7	●	-	-
W30 x 10-1/2 x 90	-	-	●	S3 X 7.5	●	-	-
W30 x 10-1/2 x 99	-	-	●	S4 x 7.7	●	-	-
W30 x 10-1/2 x 108	-	-	●	S4 x 9.5	●	-	-
W30 x 10-1/2 x 116	-	-	●	S5 x 10	●	-	-
W30 x 10-1/2 x 124	-	-	●	S6 x 12.5	●	-	-
W30 x 10-1/2 x 132	-	-	●	S6 x 17.25	●	-	-
W30 x 10-1/2 x 148	-	-	●	S8 x 18.4	●	-	-

NUCORBEAM

PRODUCT DETAILS

BEAMS				CHANNELS			
	BERKELEY	NYS1	NYS2		BERKELEY	NYS1	NYS2
S8 x 23	●	–	–	C5 x 6.7	●	–	–
S10 x 25.4	●	–	–	C5 x 9	●	–	–
S12 x 5 x 31.8	–	●	–	C6 x 8.2	●	–	–
S12 x 5 x 35	–	●	–	C6 x 10.5	●	–	–
S12 x 5.5 x 40.8	–	●	–	C6 x 13	●	–	–
S12 x 5.5 x 50	–	●	–	C8 x 11.5	●	–	–
S15 x 5.5 x 42.9	–	●	–	C8 x 13.75	●	–	–
S15 x 5.5 x 50	–	●	–	C8 x 18.75	●	–	–
S18 x 6 x 54.7	–	●	–	C10 x 15.3	●	–	–
S18 x 6 x 70	–	●	–	C10 x 20	●	–	–
S20 x 6 x 66	–	●	–	C10 x 25	●	–	–
S20 x 6 x 75	–	●	–	C10 x 30	●	–	–
S20 x 7 x 86	–	●	–	C12 x 20.7	●	●	–
S20 x 7 x 96	–	●	–	C12 x 25	●	●	–
S24 x 7 x 80	–	●	–	C12 x 30	●	●	–
S24 x 7 x 90	–	●	–	C15 x 33.9	●	●	–
S24 x 7 x 100	–	●	–	C15 x 40	●	●	–
S24 x 8 x 106	–	●	–	C15 x 50	●	●	–
S24 x 8 x 121	–	●	–	MC10 x 22	●	–	–
WB10 x 10 x 72	–	●	–	MC10 x 25	●	–	–
WB10 x 10 x 89	–	●	–	MC10 x 28.5	●	–	–
WB12 x 4 x 16.5	–	●	–	MC10 x 33.6	●	–	–
WB12 x 12 x 92	–	–	●	MC10 x 41.1	●	–	–
WB12 x 12 x 133	–	–	●	MC10 x 8.4	●	–	–
WB12 x 12 x 161	–	–	●	MC12 x 10.6	●	–	–
HPB12 X 12 X 102	–	–	●	MC12 x 14.3	●	–	–
HPB12 X 12 X 117	–	–	●	MC12 x 4 x 31	–	●	–
HPB12 X 12 X 121	–	–	●	MC12 x 4 x 35	–	●	–
HPB12 X 12 X 150	–	–	●	MC12 x 4 x 40	–	●	–
WB14 x 14-1/2 x 87	–	–	●	MC12 x 4 x 45	–	●	–
WB14 x 14-1/2 x 103	–	–	●	MC12 x 4 x 50	–	●	–
WB14 x 14-1/2 x 119	–	–	●	MC13 x 4 x 31.8	–	●	–
WB14 x 14-1/2 x 136	–	–	●	MC13 x 4 x 35	–	●	–
WB14 x 16 x 158	–	–	●	MC13 x 4 x 40	–	●	–
WB14 x 16 x 228	–	–	●	MC13 x 4 x 50	–	●	–
WB14 x 16 x 264	–	–	●	MC18 x 4 x 42.7	–	●	–
WB14 x 16 x 314	–	●	–	MC18 x 4 x 45.8	–	●	–
WB18 x 6 x 45	–	●	–	MC18 x 4 x 51.9	–	●	–
WB18 x 6 x 50	–	●	–	MC18 x 4 x 58	–	●	–
WB18 x 6 x 55	–	●	–	CZ 13 X 41.2	–	●	–
WB18 x 7.5 x 66	–	●	–	CZ 13 X 51.2	–	●	–
WB21 x 8.25 x 82	–	–	●				
WB24 x 12 x 100	–	–	●				
WB24 x 12 x 120	–	–	●				
WB24 x 12 x 160	–	–	●				
HEA/HEB/WB41 X 183	–	–	●				
HEA/HEB/WB41 X 211	–	–	●				
HEA/HEB/WB31 X 150.5	–	–	●				
HEA/HEB/WB31 X 176.1	–	–	●				
HEA/HEB/WB28 X 137.1	–	–	●				
HEA/HEB/WB28 X 162	–	–	●				
HEA/HEB/WB25 X 127.7	–	–	●				
HEA/HEB/WB25 X 151.2	–	●	–				

NUCORBEAM

PRODUCT DETAILS

ANGLES	BERKELEY	NYS1	NYS2
L6 x 6 x 5/16	●	—	—
L6 x 6 x 3/8	●	—	—
L6 x 6 x 7/16	●	—	—
L6 x 6 x 1/2	●	—	—
L6 x 6 x 9/16	●	—	—
L6 x 6 x 5/8	●	—	—
L6 x 6 x 3/4	●	—	—
L6 x 6 x 7/8	●	—	—
L6 x 6 x 1	●	—	—
L8 x 4 x 1/2	—	●	—
L8 x 4 x 9/16	—	●	—
L8 x 4 x 5/8	—	●	—
L8 x 4 x 3/4	—	●	—
L8 x 4 x 7/8	—	●	—
L8 x 4 x 1	—	●	—
L8 x 6 x 1/2	—	●	—
L8 x 6 x 9/16	—	●	—
L8 x 6 x 5/8	—	●	—
L8 x 6 x 3/4	—	●	—
L8 x 6 x 7/8	—	●	—
L8 x 6 x 1	—	●	—
L8 x 8 x 1/2	—	●	—
L8 x 8 x 9/16	—	●	—
L8 x 8 x 5/8	—	●	—
L8 x 8 x 3/4	—	●	—
L8 x 8 x 7/8	—	●	—
L8 x 8 x 1	—	●	—
L8 x 8 x 1-1/8	—	●	—

PILING	BERKELEY	NYS1	NYS2
PZ 22	—	●	—
PZ 27	—	●	—
PZ 35	—	●	—
PZ 40	—	●	—
NZ 14	—	●	—
NZ 19	—	●	—
NZ 20	—	●	—
NZ 21	—	●	—
NZ 26	—	●	—
NZ 28	—	●	—
PS 27.5	—	●	—
PS 31	—	●	—
HP8 x 8 x 36	—	●	—
HP10 x 10 x 42	—	●	—
HP10 x 10 x 57	—	●	—
HP12 x 12 x 53	—	●	—
HP12 x 12 x 63	—	●	—
HP12 x 12 x 74	—	●	—
HP12 x 12 x 84	—	●	—
HP12 x 12 x 89	—	●	—
HP14 x 14-1/2 x 73	—	—	●
HP14 x 14-1/2 x 89	—	—	●
HP14 x 14-1/2 x 102	—	—	●
HP14 x 14-1/2 x 117	—	—	●
HP16 x 16 x 88	—	—	●
HP16 x 16 x 101	—	—	●
HP16 x 16 x 121	—	—	●
HP16 x 16 x 141	—	—	●
HP16 x 16 x 162	—	—	●
HP16 x 16 x 183	—	—	●
HP18 x 18 x 135	—	—	●
HP18 x 18 x 157	—	—	●
HP18 x 18 x 181	—	—	●
HP18 x 18 x 204	—	—	●
AT8 x 7-3/4 x 58.4	—	●	—



PLATE



SUMMARY

LOCATIONS

www.nucor.com

NUCOR STEEL HERTFORD, INC. 1505 River Road Cofield, NC 27922 Phone: 252-356-3728 Fax: 252-356-3762	NUCOR STEEL LONGVIEW, LLC 5400 West Loop 281 Building 52 Longview, TX 75603 Phone: 1-800-256-5757 Fax: 903-236-6533	NUCOR STEEL TUSCALOOSA, INC. 1700 Holt Road Tuscaloosa, AL 35404 Phone: 1-800-800-8204 Fax: 205-556-1476
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PRODUCTS

HOT ROLLED (Main Product Specs)		SURFACE CONDITIONS		DIMENSIONS RANGE (INCHES)					
		Temper Passed		Gauge/Thickness		Width		Length	
				Min	Max	Min	Max	Min	Max
NUCOR STEEL HERTFORD	DISCRETE PLATES	NA		5/16"	3"	72"	124"	120"	1,035"
NUCOR STEEL LONGVIEW	DISCRETE PLATES	NA		3/4"	12"	48"	136"	120"	600"
NUCOR STEEL TUSCALOOSA	COILS	NA		3/16"	1"	48"	96"	NA	NA
	CUT-TO-LENGTH PLATES	Yes		3/16"	1"	60"	96"	120"	720"
	DISCRETE PLATES	NA		1"	2.5"	60"	96"	120"	480"
GRADES									
NUCOR STEEL HERTFORD	3/8"-2" PLATES	A36/44W, Laser Quality A36 **Up to 1 1/4", A572-50, A709-50, A572-55, 60, 65, A588, CSA 350AT, A871-65, A709-50W, CSA350WT, A516-60, 65, 70, 537 Class 1 & 2 *3/16 - 2", ABS A, B, D, AH, DH, ABS EH, LLOYDS GRADE A, AH36, and DH36, LLOYDS GRADE B & D, DNV-GL GRADE A, DNV-GL GRADE B & D, API X GRADES, API 2H50, S275 & S235, S355, 4130, 4140, 8620, 1020-1045, AISI 4340 & 6150, A514/A517 B, S, E, H, 387 GRADE 11 CLASS 1 & 2, NUHEAT 400F, 450F, 500F, 550F, 600 *3/16 - 2", A283, A285 GRADE C, A573, HPS 50W, HPS 70W & 100W, SA414-G, SA455, MILS 46100, 12560 *3/16 - 2", NUHEAT 130 & 140 KSI * 3/16 - 2", 738 B, A710, 204 GRADE B & C, NUARMOR 500, 550 & 600 *3/16 - 2"							
	>2"-3" PLATES	A36/44W, A572-50, A709-50, A588, CSA 350AT, A709-50W, CSA350WT, S355, 4130, 4140, 8620, 1020-1045, HPS 50W							
NUCOR STEEL LONGVIEW	3/4"-3" PLATES	A36/44W, A139/A500/A252, A572-50, A709-50, A572-55, 60, 65, A588, CSA 350AT, A709-50W, CSA350WT, A516-60, 65, 70, 537 Class 1 & 2 *3/16 - 2", ABS A, B, D, AH, DH, ABS EH, 4130, 4140, 8620, 1020-1045, AISI 4340 & 6150, A514/A517 B, S, E, H, 387 GRADE 11 CLASS 1 & 2, NUHEAT 400F, 450F, 500F, 550F, 600 *3/16 - 2", A283, A285 GRADE C, A573, HPS 50W, HPS 70W & 100W, AR Medium *Chemistry only BHN of 180-235, 738 B, A710, 204 GRADE B & C							
	>3"-6" PLATES	A36/44W, A572-50, A709-50, A588, CSA 350AT, A709-50W, CSA350WT, A516-60, 65, 70, 537 Class 1 & 2 *3/16 - 2", ABS A, B, D, AH, DH, ABS EH, 4130, 4140, 8620, 1020-1045, AISI 4340 & 6150, A514/A517 B, S, E, H, 387 GRADE 11 CLASS 1 & 2, NUHEAT 400F, 450F, 500F, 550F, 600 *3/16 - 2", A283, A285 GRADE C, A573, HPS 50W, HPS 70W & 100W, AR Medium *Chemistry only BHN of 180-235, 738 B, A710, 204 GRADE B & C							
	>6"-12" PLATES	A36/44W, A572-50, A709-50, A588, CSA 350AT, A516-60, 65, 70, 4130, 4140, 8620, 1020-1045, A283, A285 GRADE C, A573							
NUCOR STEEL TUSCALOOSA*	COILS	A36/44W, A139/A500/A252, A572-50, A709-50, A572-55, 60, 65, A588, CSA 350AT, A871-65, A709-50W, CSA350WT, A516-60, 65, 70, ABS A, B, D, AH, DH, LLOYDS GRADE A, AH36, and DH36, DNV-GL GRADE A, DNV-GL GRADE AH/DH 36, API X GRADES, S275 & S235, S355, 4130, 4140, 8620, 1020-1045, SA414-G, SA455, AR Medium *Chemistry only BHN of 180-235							
	CUT-TO-LENGTH PLATES	A36/44W, A572-50, A709-50, A572-55, 60, 65, A588, CSA 350AT, A871-65, A709-50W, CSA350WT, A516-60, 65, 70, ABS A, B, D, AH, DH, LLOYDS GRADE A, AH36, and DH36, DNV-GL GRADE A, DNV-GL GRADE AH/DH 36, API X GRADES, S275 & S235, S355, 4130, 4140, 8620, 1020-1045, A283, A285 GRADE C, A573, SA414-G, SA455, AR Medium *Chemistry only BHN of 180-235							
	DISCRETE PLATES	A36/44W, Laser Quality A36 **3/4" & 1" Only, A572-50, A709-50, A572-55, 60, 65, A588, CSA 350AT, A871-65, A709-50W, CSA350WT, A516-60, 65, 70, ABS A, B, D, AH, DH, API X GRADES, S275 & S235, S355, 1020-1045, A283, A285 GRADE C, A573							

*Tuscaloosa can produce ABS-D in both Cut-to-Length and Discrete Plates.

SPECIALTY PLATE

Please contact a Nucor Plate representative for specific grade or dimensional range inquiries that are not listed. We offer a large product range and are constantly testing new grades and capabilities to offer the best product to our customers.

PLATE

OUR STORY

FLAT OUT COMMITMENT

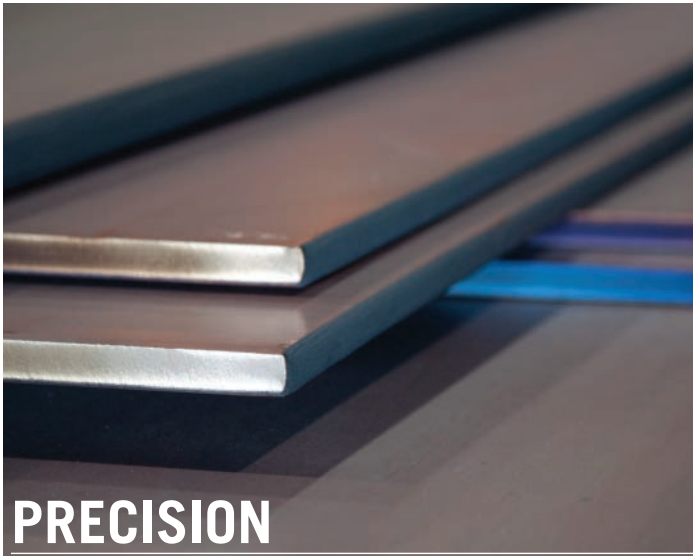
NUCOR STEEL PLATE MILL GROUP MANUFACTURES A WIDE RANGE OF CARBON, HSLA, ALLOY AND PRESSURE VESSEL-QUALITY STEEL PRODUCTS IN COILS, CUT-TO-LENGTH AND DISCRETE PLATES. OUR MILLS OFFER A WIDE RANGE OF GAUGES, WIDTHS, LENGTHS AND GRADES THAT ARE CUSTOMIZED TO MEET EACH INDIVIDUAL CUSTOMER'S PRECISE SPECIFICATIONS. THE PLATE GROUP HAS CONSISTENTLY DEMONSTRATED PRODUCT VERSATILITY, QUALITY AND COST ADVANTAGES OVER TRADITIONAL PLATE MILLS, MAKING US ONE OF THE INDUSTRY'S LEADING DOMESTIC PRODUCERS.



PLATE

OUR STORY

FLAT OUT:



CAPACITY

Comprised of three production facilities located in Hertford County, NC; Longview, TX; and Tuscaloosa, AL, Nucor Plate has the annual capacity to produce approximately 2,825,000 tons of hot-rolled coils, cut-to-length plate and discrete plate. Our three mini-mills extensively monitor the history of each product through the entire production process, from the entry of raw material scrap through the cut line and shipping, to ensure superior quality and customer satisfaction. And as part of the largest recycler in North America, the majority of steel produced at Nucor Plate is made from recycled scrap.

Nucor Steel Hertford County is a domestic leader in the production of discrete plate. In order to better serve customers with an expanded product mix, Nucor Hertford County added a heat treat line in 2012 and a second normalizing line in 2013. These investments increased Nucor's capability to produce 72" to 120" wide normalized plates.

Nucor Steel Longview, LLC is a well-established specialty plate mill that supplies a wide variety of value-added carbon and alloy grades in thicknesses through 12". Smaller heat sizes and a broad range of widths and thicknesses create ideal synergy with the Hertford County and Tuscaloosa plate mills.

Nucor Steel Tuscaloosa was the first to put the advantages of an efficient, cost-effective technology to work for industry. Recognizing the continued advances in product dimensional control, Tuscaloosa installed a temper mill facility that produces superior-quality plate. Following this investment, we are now proud to offer the flattest plate available for sale.

Nucor continues to strive to be the industry leader, offering its customers the best-quality products and service on the market.

PRODUCT APPLICATIONS

Nucor Plate Group products are used in a wide range of applications including rail, marine, wind turbines, high mast utility poles and transmission towers, bridges, pipe/tube, construction and mining equipment, infrastructure and storage tanks.

DISTRIBUTION

Nucor Plate Group operates within six major markets: Distribution Centers, Energy, Fabricators, Transportation, Exports and Pipe/Tube. Our mills' efficient material handling facilities and access to interstate rail and highway systems ensure on-time deliveries to our customers. Located on major tributaries, we have direct access to all international waterways for economical transportation of raw materials and finished goods.





ACCESS MADE EASY

www.nucor.com

THE NUCOR E-COMMERCE TEAM HAS DEVELOPED EFFICIENT WAYS FOR CUSTOMERS TO ACCESS THEIR ACCOUNT INFORMATION. THOSE INCLUDE AN ELECTRONIC BUSINESS-TO-BUSINESS COMMUNICATION SYSTEM, AND WEBSITES SO CUSTOMERS CAN STAY INFORMED ON THE STATUS OF THEIR ACCOUNTS.

CONTACT

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THE BENEFITS OF E-COMMERCE

Nucor currently offers an electronic business-to-business communication system for customers who source bar, sheet, structural, cold finish and plate products. Our objective is to build and improve trading partner relationships. By providing easy access points to customer information and sending electronic documents, we foster relationships and simultaneously impact everyone's bottom line.

Customer Website

- Enter orders and build loads
- Check inventory and rollings
- View open orders
- Retrieve copies of bills of lading, mill test reports and invoices
- View and download SDS, price sheets, pricing announcements, LEED statements, and various certifications such as ISO and ABS

www.nucoraccount.com

(Bar & Cold Finish combined site)

www.nucorbeam.com

www.nucor-sheetmills.com

Business-to-Business Electronic Transactions

- EDI, XML and custom file formats
- Electronically send POs
- Electronically receive advanced shipping notices
- Electronically receive available inventory
- Electronically receive mill test reports
- Electronically receive invoices
- Customer electronic reporting
- Vendor Managed Inventory (VMI)

Other Benefits We Offer

- Customer portal offers high-level view of order and shipment information across product groups.
Tablet version is available!
- Online credit application
- Dedicated E-Commerce team

STEEL PRODUCTS



Nucor Cold Finish facility in Monterrey, Mexico is not shown.

- | | | | | | |
|--|--|--|---|--|---|
| ● COLD FINISH | ● REBAR FABRICATION | ● REBAR DISTRIBUTION | ● WIRE PRODUCTS | ● GRATING | ● FASTENER |
| ● VULCRAFT/VERCO | ● BUILDINGS GROUP | ● STEEL FRAMING | ○ HIGHWAY | ● TUBING | |



COLD FINISH



SUMMARY

LOCATIONS

www.nucor.com

NUCOR COLD FINISH NEBRASKA
2301 W. Omaha Avenue
Norfolk, NE 68701
Phone: 800-228-8107
Fax: 402-644-8559

NUCOR COLD FINISH UTAH
1875 West Hwy. 13 South
Brigham City, UT 84302
Phone: 800-276-1688
Fax: 435-734-4581

LAUREL STEEL
5400 Harvester Road
Burlington, ON, Canada L7R 3Y8
Phone: 800-265-6811
Fax: 905-634-7888

NUCOR BRIGHT BAR OHIO
555 Collins Boulevard
Orrville, OH 44667
Phone: 330-682-5555
Fax: 330-682-5560

ST. LOUIS COLD DRAWN
1060 Pershall Road
St. Louis, MO 63137
Phone: 800-421-9320
Fax: 314-867-4304

NUCOR COLD FINISH SOUTH CAROLINA
2800 N. Gov. William's Hwy.
Darlington, SC 29540
Phone: 800-333-0590
Fax: 843-395-8759

NUCOR COLD FINISH WISCONSIN
7200 South 6th Street
Oak Creek, WI 53154
Phone: 800-236-8835
Fax: 414-764-2073

NUCOR-LMP, INC.
2000 East 1st Street
Maryville, MO 64468
Phone: 800-888-7046
Fax: 660-582-7730

ACEROS TREFILADOS DE PRECISION
Carretera Apodaca Santa Rosa
#502
Monterrey, Mexico
Phone: 011-52-818-385-2727
Fax: 011-52-818-385-2771

PRODUCTS BY LOCATION

SIZE RANGE		NCF-NE	NCF-SC	NCF-UT	NCF-WI	LAUREL STEEL	NUCOR-LMP	BRIGHT BAR OHIO	ST. LOUIS COLD DRAWN	ATP MEXICO
ROUNDS	1/8"	-	-	-	-	●	-	-	-	-
	3/16"	●	-	●	-	●	●	-	-	-
	1/4" - 5/16"	●	●	●	-	●	●	-	●	●
	5/16" - 1"	●	●	●	-	●	●	-	●	●
	1" - 3"	●	●	●	●	●	●	-	●	●
	3" - 3-1/2"	●	●	●	●	-	●	-	-	-
SQUARES	3-1/2" - 4"	-	●	●	●	-	-	-	-	-
	4" - 6-1/2"	-	-	-	●	-	-	-	-	-
	5/32" - 7/16"	-	-	-	-	●	-	-	-	-
	7/16" - 1/2"	-	●	●	●	●	-	-	-	-
	1/2" - 3/4"	●	●	●	●	●	-	-	●	●
	3/4" - 2"	●	●	●	●	●	●	●	●	●
HEXES	2" - 2-1/2"	-	●	●	●	●	-	●	●	●
	2-1/2" - 3"	-	●	●	●	-	-	●	-	-
	3" - 5"	-	-	●	●	-	-	-	-	-
	5/32" - 5/16"	-	-	-	-	●	-	-	-	-
	5/16" - 7/16"	●	●	●	-	●	-	-	-	-
	7/16" - 1/2"	●	●	●	-	●	●	-	-	-
T&P/TGP BARS	1/2" - 3/4"	●	●	●	-	●	●	-	●	●
	3/4" - 1-1/2"	●	●	●	●	●	●	-	●	●
	1-1/2" - 2"	●	●	●	●	●	●	-	●	●
	2" - 2-1/2"	-	●	-	●	●	●	-	●	●
	2-1/2" - 4"	-	-	-	●	-	-	-	-	-
	1/2" - 5/8" DG&P	-	-	●	-	-	●	-	-	-
5/8" - 3/4" DG&P	●	-	●	-	-	●	-	-	-	
3/4" - 1" TG&P	●	-	-	-	-	-	-	-	●	
1" - 2-3/4" TG&P	●	●	-	-	-	●	-	-	●	
2-3/4" - 3-1/2" TG&P	●	●	-	-	-	●	-	-	-	
3-1/2" - 4" TG&P	●	●	-	-	-	-	-	-	-	

Utah has centerless grinding — size 1" max. Norfolk offers TGP and T&P in Q&T 4140 grade.

FLATS	THICKNESS	3/8" - 1-1/4"	3/8" - 4"	1/4" - 3"	3/8" - 4"	-	-	3/8" - 4"	-	-
	WIDTH	1-1/4" - 4-1/2"	1" - 6"	1" - 6"	1" - 8"	-	-	1-1/4" - 6"	-	-

OTHER CAPABILITIES	NCF-NE	NCF-SC	NCF-UT	NCF-WI	LAUREL STEEL	NUCOR-LMP	BRIGHT BAR OHIO	ST. LOUIS COLD DRAWN	ATP MEXICO
Stress relieve annealing to ASTM A311-B	●	●	-	●	-	●	-	●	-
Wire processing	-	-	-	-	●	●	-	-	-
Cold roll wire	-	-	●	-	●	-	-	-	-
Keyway 1"	●	●	●	-	-	-	-	●	●
Keyway 1-1/4"	●	-	-	-	-	-	-	●	●
D-sections	●	●	-	-	-	●	-	●	●
Sawcutting/chamfering	●	●	●	●	●	●	-	●	●
Precision sawcutting	●	●	-	●	●	●	-	●	●
UT testing	●	-	-	●	-	-	-	-	-

NCF Group also provides Quench and Temper, Annealing, Off-Line Encircling Coil Testing, and HR Machine Straightening.

COLD FINISH

SUMMARY

GRADES & SIZES

ROUNDS

GRADES	SIZE/RANGES
1018, 1045, 1117, 1215, 8620 1141/44, 4140 annealed, 11L17, 11L41	1/8" – 6"
12L14, 12L14 with Bismuth, 12L14 with Tellurium	1/4" – 6"
86L20, 41L40	5/16" – 6"
1137	3/16" – 6"
1144SR NU-STANDARD™ stress relieved to ASTM A-311 B	3/16" – 3"
A36	1/4" – 4"

may be subject to mill minimums

available in one- or two-ton bundles

TURNED & POLISHED

1018, 1045, 1144, 8620, 4140	3/4" – 4"
---------------------------------	-----------

may be subject to mill minimums

TURNED, GROUND & POLISHED

1018, 1045, 1144, 8620, 4140	3/4" – 4"
---------------------------------	-----------

may be subject to mill minimums

PUMP SHAFT QUALITY SHAFTING

1045	1" – 2-11/16"
------	---------------

rough ground to cold finish size tolerance

FLATS

1018, 11L17, 1215, 4140	1-1/4" – 4" thickness
	1" – 8" width

available in one- or two-ton bundles

SQUARES

GRADES	SIZE/RANGES
1018, 1117	7/16" – 5"
1045, 4140, 1215, 12L14	1/2" – 4"
1117	3/4" – 5" Inquire 1/2" to under 3/4"

available in one- or two-ton bundles

HEXES

1018	5/16" – 4"
12L14, 1215, 4140, 12L14 w/Tellurium	1/4" – 4"
1117	3/8" – 3" Inquire above 3" – 4"
1141, 1144	5/16" to under 1/2" 9/16" – 3"
1144SR ASTM A311-B	5/8" – 2" Inquire above 3" – 4"
ASTM A-36	7/16" to under 1/2" 5/8" to under 3/4"
41L40	3/8" – 3" Inquire above 3" – 4"
1045	5/16" to under 1/2" 9/16" – 3" Inquire above 3" – 4"

available in one- or two-ton bundles

ADDITIONAL VALUE-ADDED PROCESSES AND SERVICES ARE AVAILABLE UPON REQUEST:

- Quench and Temper
ASTM A193 and A434
- Chamfered ends
- Rounds are available in 24'
lengths in 1-3/16" – 2-7/16"
diameters.
- Saw-cut ends
- Stretch wrapping
- Grinding is available in a
size range of 1/4" – 3-1/2"
- Paper wrapping
- Cold drawing for Turned
and Polished/Turn Ground
and Polished bars
- Bearing-quality grades

*Please inquire about shapes, sizes and grades not listed.
Additional charges or minimum quantities may apply.*



REBAR FABRICATION

CONTACTS

HARRIS REBAR LOCATIONS

www.nucor.com

WESTERN US

PHOENIX, AZ
602-254-0091

LOS ANGELES CA
909-397-7155

BOISE, ID
208-888-0039

PORTLAND, OR
503-222-1813

SEATTLE, WA
253-847-5001

TUCSON, AZ
520-295-8989

SAN DIEGO, CA
619-655-3578

ALBUQUERQUE, NM
505-344-6844

SALT LAKE CITY, UT
801-596-2668

FRESNO, CA
559-251-7363

DENVER, CO
303-295-2641

LAS VEGAS, NV
702-347-0123

BURBANK, WA
509-547-2471

LIVERMORE, CA
925-373-0733

KAPOLEI, HI
808-682-4766

CARSON CITY, NV
775-246-8622

LAKE STEVENS, WA
425-334-3100

NORTH CENTRAL US

NEWTON, IA
641-792-7142

BOURBONNAIS, IL
815-929-3770

COMSTOCK PARK, MI
517-393-2780

KANSAS CITY, MO
816-455-9820

MONROE, OH
513-539-9104

SIoux CITY, IA
712-239-1168

BURR RIDGE, IL (BRIDGES)
630-920-0060

LANSING, MI
517-393-2780

ST. LOUIS, MO
314-382-9855

MENOMONIE, WI
715-235-1281

BELVIDERE, IL
815-547-8998

MOORESVILLE, IN
317-834-3434

MINNEAPOLIS, MN
612-788-2928

MARION, OH
513-539-9104

WAUKESHA, WI
262-547-6111

SOUTH CENTRAL US

BIRMINGHAM, AL
205-338-6332

ORLANDO, FL
407-464-3710

JACKSON, MS
601-939-3136

CATAWBA, SC
803-329-3651

DAYTON, TX
936-258-8221

SAN ANTONIO, TX
830-387-2910

MILTON, FL
850-981-0024

SLIDELL, LA
985-641-9090

LUMBERTON, NC
919-894-3900

DALLAS, TX
800-677-3227

LONGVIEW, TX
903-297-7477

EASTERN US

SOUTH WINDSOR, CT
860-603-4489

BALTIMORE, MD
800-237-4041

ALBANY, NY
508-473-8484

PAWTUCKET, RI
401-724-9200

SOUTH DEERFIELD, MA
800-542-6756

CANAAN, NH
508-473-8484

BETHLEHEM, PA
800-547-3227

CANADA

CALGARY, AB
403-272-8801

NANAIMO, BC
250-722-3378

CONCEPTION BAY, NL
709-744-4446

SARNIA, ON
519-383-8260

REGINA, SK
306-352-1217

EDMONTON, AB
780-986-7055

PRINCE GEORGE, BC
250-562-0065

DARTMOUTH, NS
902-468-2526

STONE CREEK, ON
905-662-5700

SASKATOON, SK
306-242-8455

FORT SASKATCHEWAN, AB
780-992-0777

VANCOUVER, BC
604-946-1231

BRAMPTON, ON
905-799-1220

SUDBURY, ON
705-682-1222

ABBOTSFORD, BC
604-864-8656

WINNIPEG, MB
204-452-7211

LONDON, ON
519-455-4570

THUNDER BAY, ON
807-345-2543

KELOWNA, BC
250-766-0608

SAINT JOHN, NB
506-658-1959

OTTAWA, ON
613-836-8804

WINDSOR, ON
519-737-6953

REBAR FABRICATION

OUR STORY

NATIONAL STRENGTH. LOCAL SERVICE.

WITH FABRICATION LOCATIONS THROUGHOUT THE UNITED STATES AND CANADA, HARRIS REBAR HAS THE CAPACITY TO FABRICATE AND DELIVER IN EXCESS OF ONE MILLION TONS OF REBAR EACH YEAR. ALL HARRIS REBAR LOCATIONS HAVE THE ABILITY TO DELIVER A FULL-SERVICE SOLUTION COMPRISED OF ESTIMATING, DETAILING, FABRICATION, INSTALLATION AND CONTRACT MANAGEMENT. WITH A CONSTANT FOCUS ON SAFETY, ACCURACY AND ON-TIME DELIVERY TO THE CUSTOMER IN ACCORDANCE WITH DEMANDING CONSTRUCTION SCHEDULES, HARRIS REBAR IS THE LEADING REBAR CONTRACTOR IN NORTH AMERICA.



REBAR FABRICATION

OUR STORY

PRODUCTS AND SERVICES

Harris Rebar provides services for concrete reinforcement including estimating, detailing, fabrication, delivery, accessories and placing services. Additional services available include post-tensioning and wholesale rebar distribution.

Harris Rebar is more than just a rebar supplier, we are a construction services company.

REBAR FABRICATION Harris Rebar fabrication locations in North America have an annual capacity of over 1,000,000 tons. Based on customer specifications, our experienced staff will estimate, detail, fabricate and deliver the steel reinforcing bar, mesh and accessories for any project size. Engineered to order — every project we fabricate is unique. Each job will be detailed and fabricated to meet customer specifications and delivered according to the construction schedule. Rebar is available in all sizes, grades and finishes to meet customer needs.

INSTALLATION SERVICES Harris Rebar is one of the largest employers of ironworkers in North America with the capability to supply and install in any market. By working closely with detailing, project management and fabrication, our field expertise contributes to and allows for trouble-free and safe service to the customer. Rebar placing can be offered as a separate service or as part of a combined furnish and install package.

ESTIMATING AND DETAILING Estimators work from bid drawings to calculate the rebar and accessories needed for a project. By communicating with the customer during the estimating process, Harris Rebar can provide an accurate and efficient estimate for any project.

Detailers do more than create drawings for rebar and building products placement. They answer customer questions and resolve issues that come up as job designs change. The detailers track orders and deliveries, and serve as liaisons between the customer and fabrication shops and field installation crews.

CORROSION-RESISTANT PRODUCTS Epoxy-coated rebar in typical bar sizes is available in conjunction with our fabrication service to meet the specifications of any commercial or highway project. Harris Rebar can provide DOT-approved material throughout the United States and Ministry of Transportation–approved material across Canada.

Other corrosion-resistant rebar is available including:

- Stainless Steel Bar
 - Galvanized Bar
-

ACCESSORIES, MESH A full line of accessories including bar supports, mechanical couplers, rebar caps, tie wire, terminators and much more are available. Harris Rebar also carries a wide range of wire mesh products.

POST-TENSION The post-tensioning division provides a first-rate solution to the challenge of effectively coordinating the budgeting, detailing, supply and installation of every item required for post-tensioning reinforced structures.

NOTE: The above descriptions are only a sample of the products and services we offer. When it comes to rebar and concrete-related products questions, please refer all inquiries to the nearest Harris Rebar Group contact.

REBAR FABRICATION

OUR STORY

ENGINEERED TO ORDER

QUALITY SERVICE

Harris Rebar's quality focus is **Right the First Time—On Time, In Full** while producing in a **Just-In-Time** environment. We understand customers want their reinforcing steel **in place on schedule at the job site**. As a result, our goal for the duration of each contract is to fabricate the **Right Part**, delivered to the **Right Place**, at the **Right Time**.

No matter where you are in North America, Harris Rebar makes sure that our customers receive consistent service and the materials needed to get the job done.

COMPLETE SUPPLY AND INSTALL PACKAGE

Through our ability to manage both the fabrication and installation of rebar, Harris Rebar eliminates the headaches typically associated with multiple subcontractors providing the fabrication and installation services.

Constructability, efficiency, safety and cost effectiveness are key goals of our furnish and install services, enabling the general contractor and owner to meet their goal for on-time completion of the project.

PROJECT TYPES

Harris Rebar specializes in supplying fabricated rebar to general contractors, construction managers, developers, subcontractors, precasters and specialty contractors throughout the United States and Canada. All locations have the ability to provide the complete line of rebar products and services, no matter how small or how large the project may be.

Industrial & Commercial

- High-Rise
- Theaters
- Restaurants
- Warehouses
- Manufacturing
- Mining

Public

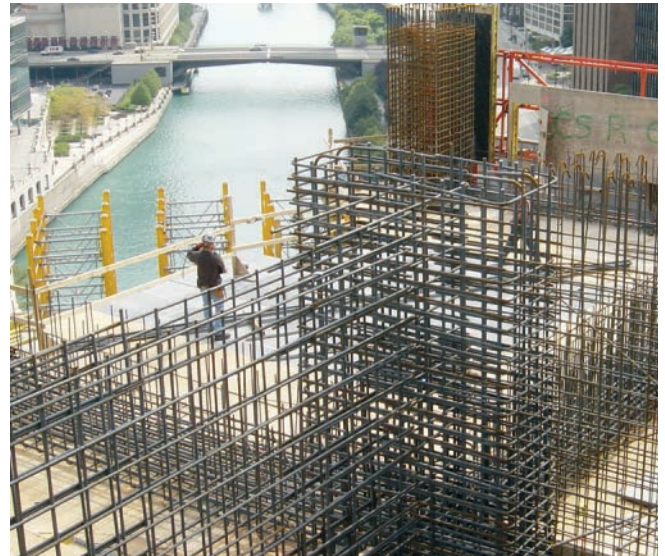
- Schools
- Universities
- Water Treatment
- Wastewater Treatment

Highway

- Bridge
- Paving

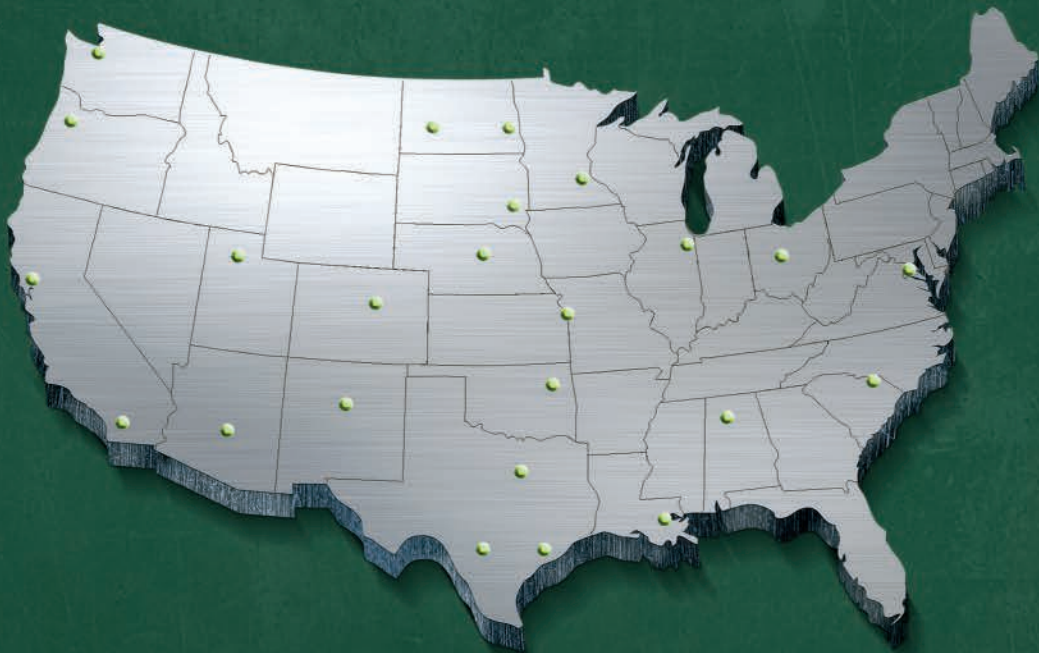
Power

- Wind
- Solar
- Ethanol
- Nuclear
- Oil Shale
- Coal





HARRIS
SUPPLY SOLUTIONS INC



REBAR DISTRIBUTION

LOCATIONS

HEADQUARTERS

www.nucor.com

HARRIS SUPPLY SOLUTIONS

1700 Seventh Avenue, Suite 2100
Seattle, WA 98101
Phone: 206-357-8520
Fax: 206-357-8521

DISTRIBUTION CENTERS

WEST

PACIFIC NORTHWEST (WA, OR, MT, ID)

16340 SW Decline Street
Beaverton, OR 97007
Phone: 866-683-6017
Fax: 916-683-6052

NORTHERN CALIFORNIA

9589 Four Winds Drive, #1526
Elk Grove, CA 95758
Phone: 916-683-6011
Fax: 916-683-6052

SOUTHERN CALIFORNIA, NV

1101 California Avenue, Suite 101
Corona, CA 92881
Phone: 951-284-4230
Fax: 951-284-4294

INTERMOUNTAIN

UT, CO, WY, AZ, NM

6105 S. Main Street, Suite 200
Aurora, CO 80016
Phone: 303-417-6100

MIDWEST

IA, MN, WI, IL, MI, IN

1954 Boulevard West
Kokomo, IN 46902
Phone: 765-453-7426
Fax: 765-453-7449

NE, SD, ND

2055 S. Oneida Street
Denver, CO 80224
Phone: 888-342-7747
Fax: 877-492-1898

KY, OH, MI, WV

1710 North Main Street, Suite G
Auburn, IN 46706
Phone: 260-487-4038
Fax: 888-845-9602

MID-ATLANTIC

DE, MD, VA, PA, KY, WV, NJ

518 Cleveland Avenue, Suite 2A
Chambersburg, PA 17201
Phone: 717-496-8576
Fax: 717-496-8577
Cell: 443-683-9143

SW CENTRAL

TX, OK, KS, AR, MO

Phone: 866-930-4003

SALES SUPPORT

1954 West Boulevard
Kokomo, IN 46902
Phone: 765-453-7470
Fax: 765-453-7449

REBAR DISTRIBUTION

OUR STORY

SUPPLY SOLUTIONS

AT HARRIS SUPPLY SOLUTIONS, OUR GOAL IS NOT TO BE ALL THINGS TO ALL PEOPLE. WE FOCUS ON PARTNERING WITH YOU — DEALERS, DISTRIBUTORS AND FABRICATORS THROUGHOUT NORTH AMERICA — TO PROVIDE THE STEEL AND CONCRETE SOLUTIONS YOU NEED TO SUCCEED.



REBAR DISTRIBUTION

OUR STORY

THE RIGHT MISSION

Focused solely on steel and concrete-associated products, we deliver consistent quality, reliable service, competitive pricing and just-in-time delivery anywhere you need.

Our knowledgeable, industry-savvy professionals are focused on delivering innovative solutions and outstanding customer service.

Focused on your success, we deliver results. The quality you expect, competitively priced and delivered where you need it, when you need it.

THE RIGHT NEED

In 2005, Harris Supply Solutions was created to meet a need in the steel and concrete market for better products, provided by true experts focused solely on solutions that help customers achieve success. This simple philosophy was embraced by the marketplace. Harris Supply has grown within a few years to become the largest supplier of rebar and remesh in the United States.

But growth is measured by more than just numbers. As we learn about the ever-changing needs of our marketplace, we are deepening the relationship with our parent company, Nucor Corporation, leveraging the worldwide power of Nucor Trading, servicing the fabrication needs of the residential market through Harris Rebar, and narrowing our focus to those products and services that best meet the needs of our customers.

OUR PRODUCTS

The right solutions begin with the right products at the right price, backed by professionals who know you, your business and the results you expect. As the largest distributor of rebar in the United States, we are intently focused on supplying rebar and remesh to contractor supply yards, small and mid-sized fabricators, lumber yards and block/masonry yards.

REBAR	REMESH
Black	Black
Epoxy Coated	Epoxy Coated
Fabricated	

THE RIGHT PLACE

To succeed in business today, you have to recognize that the global economy means your best solution could be half a world away. And exceptional service demands distributors that are close enough to know you and understand your business. Harris Supply Solutions offers a unique combination of global access — through Nucor Trading — and regional distribution points to deliver localized, personal service, right where you need it.





WIRE PRODUCTS



SUMMARY

LOCATIONS

www.nucor.com

NUCOR COLD FINISH & WIRE PRODUCTS UTAH 1875 West Highway 13 South Brigham City, UT 84302 Phone: 800-216-1688 Fax: 435-734-4581	NUCOR-LMP, INC. 2000 East First Street Maryville, MO 64468 Phone: 660-582-3127 Fax: 660-582-7730
NUCOR STEEL CONNECTICUT, INC. 35 Toelles Road Wallingford, CT 06492 Phone: 203-265-0615 Fax: 203-265-7676	LAUREL STEEL BURLINGTON 5400 Harvester Road Burlington, ON, Canada L7R 3Y8 Phone: 905-681-6811 Fax: 905-634-7888

PRODUCTS

BRIGHT BASIC WIRE

Industrial or plating quality, made to order. Wire can be shipped as coil or straightened and cut. Our flexibility and extensive raw material inventory allow us to produce made-to-order wire with short lead times.

S&C pencil rod available in diameters from .125" through .500" in lengths from 2' through 24'.

Coils from .062" through .625" (see table below).

Common grades produced include: 1008, 1010, 1012, 1018, 1030, 1035 and 1045.

- Various package dimensions and processes are available — please inquire.
- Wire products can be chemically cleaned to achieve a consistently brighter, cleaner surface. Please see table below.
- Key markets for Bright Basic Wire include point-of-purchase displays, wire form fabricators, automotive, appliance, lawn and garden, and wire shelving.

BRIGHT BASIC WIRE	QUALITY	SIZE RANGE*	COMMON GRADES**							PACKAGE SIZE		
			1006	1008	1010	1012	1018	1030	1035	1045	STANDARD	AVAILABLE IN
NUCOR-LMP	IQ - Acid cleaned	.057" – .625"	•	•	•	•	•	•	•	•	2,000 lbs.	1,500 lbs. – 4,000 lbs.
	PQ - Acid cleaned											
LAUREL STEEL	IQ - Acid cleaned	.062" – .625"										
	PQ - Acid cleaned	.062" – .5"	•	•	•	•	•	•	•			
	IQ - Mechanical	.375" – .625"										
NUCOR STEEL CONNECTICUT	IQ - Mechanical	.134" – .628"								2,000 lbs.		
	SQ - Mechanical (Rolled)	.134" – .628"	•	•	•	•	•	-	-	-	2,000 lbs.	1,500 lbs. – 5,000 lbs.

*Multiple sizes available. Please inquire for your specific size. **Various AISI grades available. Please inquire for any grade not listed.

WIRE PRODUCTS

SUMMARY

PRODUCTS *continued*

WELDED WIRE MESH			SURFACE			DIMENSIONS RANGE								SPACING	
			Black	Galv	Epoxy	Thickness Line Wire		Thickness Cross Wire		Width		Length			
						Min	Max	Min	Max	Min	Max	Min	Max		
NUCOR STEEL CONNECTICUT	WWR	ROLLS	●	-	-	in	0.131"	0.226"	0.131"	0.226"	60"	60"	600"	1800"	Line wire 4", 6" Cross wire 4" up to 12"
						mm	3.32	5.74	3.32	5.74	1524	1524	15240	45720	
	SHEETS ¹	●	●	●	in	0.131"	0.315"	0.131"	0.315"	42"	144"	18"	480"	Line wire 4", 6", 8", 10", 12" Cross wire 4", 6", 8", 10", 12"	
					mm	3.32	8.0	3.32	8.0	1067	3658	457	12192		
	Swwr	SHEETS ²	●	●	●	in	0.226"	0.628"	0.19"	0.628"	32"	126"	96"	540"	Line wire 2" and then infinitely variable Cross wire 2" and then infinitely variable
						mm	5.74	15.95	4.88	15.95	813	3200	2438	13716	

¹Under 60" width, the material needs to be sheared ²Maximum welded width (line wire to line wire) is 120"

LAUREL STEEL	WWR	ROLLS	●	●	-	in	0.131"	0.226"	0.131"	0.226"	24"	96"	600"	12000"	Line wire 3", 4", 6", 8", 10" Cross wire 2" and then multiples of 2" up to 16"
						mm	3.32	5.74	3.32	5.74	610	2438	15240	304800	
		SHEETS	●	●	●	in	0.131"	0.472"	0.131"	0.472"	30"	126"	48"	468"	Line wire 2" and then infinitely variable Cross wire 1" and then infinitely variable
						mm	3.32	12.0	3.32	12.0	762	3200	1219	11887	
	SHEETS	●	●	●	in	0.226"	0.472"	0.226"	0.472"	32"	126"	79"	468"	Line wire 2" and then multiples of 2" Cross wire 2" and then infinitely variable up to 39"	
					mm	5.74	12.0	5.74	12.0	813	3200	2007	11887		
	MINE	SHEETS	●	●	●	in	0.131"	0.472"	0.131"	0.472"	30"	126"	48"	468"	Line wire 2" and then infinitely variable Cross wire 1" and then infinitely variable
						mm	3.32	12.0	3.32	12.0	762	3200	1219	11887	
	PIPE	ROLLS	●	●	-	in	0.148	0.229"	0.148"	0.229"	30"	96"	1200"	12000"	Line wire 3", 4", 6", 8", 10" Cross wire 2" and then multiples of 2" up to 16"
						mm	3.76	5.82	3.76	5.82	762	2438	30480	304800	

NUCOR COLD FINISH UTAH	MINE	SHEETS ¹	●	●	-	in	0.135"	0.226"	0.135"	0.315"	42"	96"	84"	240"	Line wire 2", 3", and multiples thereof Cross wire 2" up to 16" infinitely variable
						mm	3.43	5.74	3.43	8.0	1067	2438	2134	6096	
	WWR	SHEETS ¹	●	●	-	in	0.135"	0.226"	0.135"	0.315"	42"	96"	84"	240"	Line wire 2", 3", and multiples thereof Cross wire 2" up to 16" infinitely variable
						mm	3.43	5.74	3.43	8.0	1067	2438	2134	6096	

¹Flush-cut ends on SHEETS of welded wire mesh

DRAWN TO STRENGTH

THE NUCOR WIRE PRODUCTS GROUP CAN PROVIDE MATERIAL THAT IS MELTED AND MANUFACTURED IN THE USA. ALL OF OUR MATERIAL IS MADE FROM THE HIGHEST-QUALITY STEEL AND CONFORMS TO ASTM STANDARDS. WE PROVIDE TO OUR CUSTOMERS A CERTIFIED MILL TEST REPORT WHICH CONFIRMS CHEMICAL AND PHYSICAL RESULTS. OPERATING FROM FOUR PLANT LOCATIONS, NUCOR IS ABLE TO PROVIDE A LARGE VARIETY OF WIRE PRODUCTS FROM COAST TO COAST THROUGH OUR NETWORK OF REBAR FABRICATORS, BUILDING SUPPLY DISTRIBUTORS, READY MIX PRODUCERS AND PRODUCERS OF PRECAST CONCRETE PRODUCTS. NUCOR CAN OFFER THE MOST COMPREHENSIVE CONCRETE REINFORCING STEEL PACKAGE FOR THE CONCRETE CONSTRUCTION INDUSTRY.



WIRE PRODUCTS

OUR STORY



STRUCTURAL WELDED WIRE REINFORCEMENT

Nucor Wire Products Group is a leading manufacturer of Structural Welded Wire Reinforcement (SWWR) in style and size of specialty custom sheet designs. Deformed (D) or smooth (W) wire ranges in size from D4.0 (diameter 0.225") to D31.0 (diameter 0.628"). Sheet sizes are custom for your requirements with widths from 1 foot to 10 feet 8 inches and lengths up to 45 feet. Epoxy and galvanized coatings are available. Nucor's SWWR products conform to all requirements of ASTM A1064/A1064M.

PROCESS

SWWR is a custom prefabricated Welded Wire Reinforcement (WWR) sheet commonly used as concrete reinforcement throughout the construction industry due to its high product strength (80 KSI) and labor-saving values. Each wire intersection is electrically resistant and welded by a continuous automatic welder. Pressure and heat fuse the intersecting wires into a homogeneous section and fix all wires in their proper position. SWWR may be produced with (W) smooth wire or (D) deformed wire or a combination of both. It is made from high-strength steel Grade 80 with welded intersections. The properties of customary (A615) Grade 60 rebar do not allow this to be welded and limit the design strength to 60,000 psi.

ADVANTAGES

The placing and tying of rebar is one of the most labor-intensive activities on a construction site and can often lead to errors when not properly supervised. SWWR is a cost-effective alternative to tied-in-place rebar, and has evolved into the premier method of effectively and efficiently reinforcing concrete structures. Due to its high strength, prefabricated SWWR can replace rebar sizes #3 to #7 and even larger rebar when specified by reducing the wire spacing. SWWR also has the support of ACI-318 as an equivalent to rebar. Designers and engineers are replacing rebar with SWWR for the following advantages over other types of reinforcement.

- Faster and quicker installation due to welded joints that eliminate the need to tie individual rebar together.
- Field inspections are quicker and faster because wires are machine spaced and precisely welded. Placing prefabricated sheet is faster than placing individual rebar.
- SWWR is lighter and designed to exact specifications so there is no over-steeling, yet it maintains strength.
- SWWR uses less steel and requires less labor, smaller crews and quicker placing time, leading to further economies in the construction cycle.
- Overall, SWWR, when compared to rebar, can be more cost effective, depending upon the application or particular job.

PRODUCT APPLICATIONS

SWWR is most often used for slab-on-grade reinforced concrete construction. Some examples include concrete wall configurations, precast tunnel form segments, cast-in-place tunnels, precast and cast-in-place retaining walls, sound walls, architectural walls and tilt-up walls. SWWR may also be used in precast concrete products such as prison cells, box culverts, traffic barriers, T and I beams, and segmental bridge sections. The future for SWWR lies in commercial and industrial buildings, sewage treatment plants, energy plants, tunneling, warehouses, stadiums, parking structures, airports and highways.

WIRE PRODUCTS

OUR STORY



WELDED WIRE REINFORCEMENT

Nucor Wire Products Group is a leading manufacturer of Welded Wire Reinforcement (WWR), from Standard Building Mesh sheets and rolls to custom-designed Structural Mesh Sheets — both as an alternative to traditional rebar. Wire sizes may vary from 1/8" to 5/8" in diameter, and spacing may be set to achieve the cross-sectional steel area that is required. Standard roll dimensions are generally 5 feet wide and 50 to 150 feet in length. Standard flat sheets are generally 5 to 8 feet wide and 10 to 20 feet in length. Epoxy and galvanized coating are available. Sizes will vary from market to market. The use of WWR as a structural concrete reinforcement material is recognized by the American Concrete Institute (ACI-318).

PROCESS

WWR is a prefabricated reinforcement consisting of parallel series of high-strength, cold-drawn wires welded together in square or rectangular grids. These wires are referred to as longitudinal (long wires) and transverse (cross/width wires). Each wire intersection is electrically resistant and welded by a continuous automatic welder. Pressure and heat fuse the intersecting wires into a homogeneous section and fix all wires in their proper position. The wires are produced from quality hot-rolled, low-carbon steel rods, which are then cold-rolled or cold-drawn through a series of dies, reducing the rod to the specified wire diameter. Through the cold working of the steel rod, the mechanical properties are changed, increasing the stiffness, hardness, and tensile strength, while reducing the ductility of the material. The wire is then fed into a large automatic welding machine, which produces the rigid grid of reinforcement. The manufacturing process may vary to accommodate various style changes and dimensions.

WHEN ORDERING WWR SHEETS OR ROLLS

WIRE SIZES The size of the wire is provided as a W or D number. W will mean smooth wire and D will denote deformed wire. The number which follows the letter is the area of the wire in hundredths of a square inch. For example, D19.8 would indicate a deformed wire with a cross sectional area of 0.198 square inches, while a W11.7 would indicate a smooth wire with a cross-sectional area of 0.117 square inches. Note: Wire can be drawn to exact steel areas required, which eliminates over-steeling and excessive costs.

STYLE These are the spaces and sizes of wire in the standard welded wire reinforcement. An example of this designation is 6" x 12" D14.0 x D6.0. This denotes a WWR in which spacing of the longitudinal wires = 6", spacing of the transverse wires = 12", size of deformed longitudinal wires = D14.0 (0.140 square inches), and size of deformed transverse wires = D6.0 (0.060 square inches).

PRODUCT APPLICATIONS

WWR can be used in residential, commercial and light industrial concrete construction applications. These include slab on grade, supported floor slabs, walls, tilt-up walls, sidewalks and parking lots.

DIMENSIONS These are linear measurements other than the wire spacing included in the style designation and are as follows:

- **WIDTH** This is the center-to-center distance between outside longitudinal wires.
- **SIDE OVERHANGS** This is the extension of the transverse wires beyond the centerline of the outside longitudinal wires. When specific lengths of side overhang are required, the length will be provided in inches. For example, (+2", +10") means 2" overhang on one side and 10" overhang on the opposite side.
- **OVERALL WIDTH** This is the width plus side overhangs. This is the tip-to-tip measurement of the transverse wire. For example, 84" (+2", +10") = 96" overall.
- **END OVERHANGS** These are the extensions of the longitudinal wires beyond the centerline of the outside transverse wires. Standard end overhangs are equal to half the transverse wire spacing. Unless otherwise specified, standard end overhangs will be supplied.

WIRE PRODUCTS

OUR STORY

SPECIALIZED WIRE PRODUCTS

PRODUCT APPLICATIONS

Suitable for use in agricultural, residential and mine roof support where corrosion is a concern.

MARKETS

Pre-casters, Mining Supply Distribution Centers, Building Product Distributors, Contractors and End Users.

FABRICATED FORMED WIRE PRODUCTS

Sold directly to concrete pipe and precast concrete manufacturers and through distributors. Offered as circular and rectangular hoops W1.7 (0.148") to D12 (0.391") up to 72" diameter to reinforce concrete manholes and risers. Spacers and other shapes available.

ANCHOR BOLTS

Sold through building supply distributors. Offered in 1/2" x 6", 8", 10" and 12" L-shaped or Pig Tail Anchor Bolts. Sold with nuts and washers for use in residential and light commercial construction. Custom and larger bolt sizes are run to order.

FORM STAKES

Form stakes, also known as curb stakes, nail stakes or curb pins, are used to position concrete formwork such as concrete sidewalks, curbs and slabs. Form stakes are sold through building supply distributors. They are produced in a standard 3/4" diameter x 12", 18", 24", 30", 36", 42" and 48" lengths. Offered with nail holes or run-to-order without nail holes in 3/4", 7/8" or 1" diameters.



WIRE PRODUCTS

OUR STORY

SPECIALIZED WIRE PRODUCTS

PC WIRE

High carbon wire used for prestressed concrete applications.

PROCESS

Cold drawn high carbon PC wire drawn to size and offered with a three-sided indented or smooth surface; low relaxation stress relieving and cooling under tension and either straightened and cut to length or pan coiled for shipment.

SPECIFICATIONS

ASTM A881-16
ASTM A421-15
EN 10138-2:2009

PRODUCT APPLICATIONS

- Concrete railroad ties (sleepers)
- Utility poles
- Precast architectural structures
- Concrete pipes
- Tanks
- Bridge structures



Indented Surface



Smooth Surface

PC WIRE CAPABILITIES

WIRE SURFACE		DIMENSIONAL RANGE		PACKAGE SIZE			
		MIN	MAX	CUT TO LENGTH		COILED	
				MIN	MAX	MIN I.D.	MAX O.D.
INDENTED SURFACE FOR IMPROVED CONCRETE BOND STRENGTH	in	.197	.413	94"	118"	59"	98"
	mm	5.00	10.50	2388	2997	1499	2489
SMOOTH WIRE SURFACE	in	.197	.413	94"	118"	59"	98"
	mm	5.00	10.50	2388	2997	1499	2489

Please inquire for specific diameters available. Cut to length wire offered with threaded and chamfered ends per customer specification. Max coil weight is 5,500 lbs (2,500 kg). Max diameter in coil is 8 mm (.315 in). Please inquire for custom packaging per customer specification.





NUCOR GRATING/FISHER & LUDLOW

SUMMARY

LOCATIONS

www.nucor.com

ILLINOIS

1501 Eilerman Avenue
Litchfield, IL 62056
Phone: 217-324-6106
Fax: 217-324-5046

KENTUCKY

8059 Dixie Highway
Florence, KY 41042
Phone: 859-282-7767
Fax: 859-282-7702

MISSISSIPPI

211 Industrial Drive North
Madison, MS 39110
Phone: 601-853-9996
Fax: 601-853-1556

PENNSYLVANIA

2000 Corporate Drive
Suite 400
Wexford, PA 15090
Phone: 724-934-5320
Fax: 724-934-5350

The Lockhart Complex
1 River Road Bldg. 12B
McKees Rocks, PA 15136
Phone: 412-771-1502
Fax: 412-771-1515

UTAH

5252 N Edgewood Drive
Suite 375
Provo, UT 84604
Phone: 1-800-334-2047
Fax: 859-282-7702

ALBERTA

17527-107 Avenue NW
Edmonton, Alberta,
T5S 1E5
Phone: 780-481-3941
Fax: 780-481-3967

47th Street & 64th Avenue
Wetaskiwin, Alberta,
T9A 2G4
Phone: 780-352-9171
Fax: 780-352-6492

BRITISH COLUMBIA

19511 - 92nd Avenue
Surrey, British Columbia,
V4N 4G6
Phone: 604-888-0911
Fax: 604-888-0383

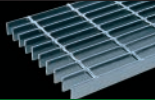
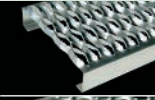

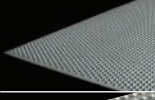
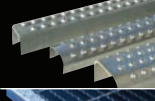



ONTARIO

750 Appleby Line
Burlington, Ontario,
L7R 3Y8
Phone: 905-632-2121
Fax: 905-632-6295

QUEBEC

12450 Blvd Industriel
Pointe Aux Trembles,
Quebec H1B 5M5
Phone: 514-640-5085
Fax: 514-640-1115

PRODUCTS

GRATINGS		MATERIALS	
BAR GRATING 		<ul style="list-style-type: none"> Standard Grating (Forge welded) Heavy-Duty Grating Stainless Steel Grating Aluminum Grating Stair Treads 	
	SAFETY GRATING     	Grip Span	Pre-galvanized Steel HRP&O Steel Aluminum & Stainless Steel
Shur Grip		Pre-galvanized Steel HRP&O Steel Aluminum & Stainless Steel	
Shur Step Flooring		Pre-galvanized Steel HRP&O Steel Aluminum	
Ladder Rungs		HRP&O Steel Aluminum & Stainless Steel	
Stair Treads		Bar Grating	
FIBERGLASS REINFORCED GRATING  	FRP Grating	Molded Grating Pultruded Grating	

NUCOR GRATING/FISHER & LUDLOW

OUR STORY

GRATING

WITH THE ACQUISITION OF HARRIS STEEL AND ITS SUBSIDIARY, FISHER & LUDLOW, NUCOR EXPANDED ITS EXISTING PRODUCT OFFERING BY ENTERING INTO THE STEEL GRATING MARKET. SINCE 1954, FISHER & LUDLOW HAS SOLIDLY BUILT ITS REPUTATION AS A SUPPLIER OF HIGH-QUALITY GRATINGS FOR MAJOR CAPITAL PROJECTS AROUND THE WORLD. ITS LEAD PRODUCT BRANDS, TRU-WELD AND FISHLOW, MAY BE FOUND IN PLACES AS FAR AS ASIA AND SOUTH AMERICA AND IN ENVIRONMENTS AS DIVERSE AS THE ARCTIC OR THE TROPICS. THIS DIVISION HAS AN ANNUAL CAPACITY OF 85,000 TONS.



NUCOR GRATING/FISHER & LUDLOW

OUR STORY

OUR PROCESS

At Nucor Grating/Fisher & Ludlow, special equipment and manufacturing techniques are employed to ensure that maximum strength and durability are built into every steel and aluminum grating bearing the TRU-WELD and Fisholow names. TRU-WELD steel gratings are forge welded, a system in which Nucor Grating/Fisher & Ludlow was a pioneer. In this process the bearing and cross bars are permanently forged together by heat and pressure into a single unit, which results in greater strength per pound than mechanical assembly methods. Fisholow Galok aluminum gratings employ a unique interlocking system that joins the bearing and cross bars together in panels of exceptional rigidity and strength.

All products are manufactured at our modern plants using specially designed, heavy-duty, automated equipment, built to our own demanding specifications. Uniformity of quality control is achieved through an integral automatic checking system supplemented by our quality control program. The Nucor Grating/Fisher & Ludlow Burlington location is ISO 9001:2000 certified, ensuring all products are manufactured to strict international standards.

KEY MARKETS

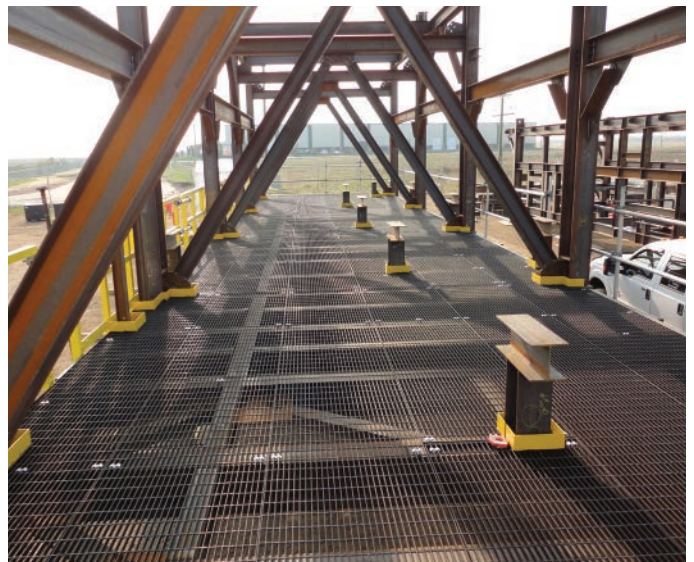
Whether plying the oceans of the world or drilling miles beneath the Earth's surface, buyers rely upon our gratings to perform flawlessly in the broad range of conditions under which they are employed. Specific applications include: mining and smelting operations, power-generating stations, oil fields and refineries, chemical plants, water treatment facilities, pulp and paper producers, transportation equipment, commercial buildings, security institutions and shopping malls.

The wide variety of shapes, sizes, materials and finishes we can offer makes TRU-WELD and Fisholow gratings suitable for all kinds of major construction, manufacturing, distribution, transportation, mining, processing and commercial products. Stock products can be supplied quickly from strategically located sales and warehouse facilities, or custom jobs can be manufactured to your particular requirements by our personnel in either Imperial or Metric measurements.

CUSTOM FABRICATION

Nucor Grating/Fisher & Ludlow is a full-service grating supplier. Our Sales, Project Management, Engineering and Drafting departments can take your requirements from structural drawings to detailed grating drawings and on to completely fabricated ready-to-install grating.

As we are both a manufacturer and fabricator of gratings we can offer our customers complete "one-source" responsibility for all their grating needs.





FASTENER



SUMMARY

LOCATION

www.nucor.com

NUCOR FASTENER DIVISION
6730 County Road #60


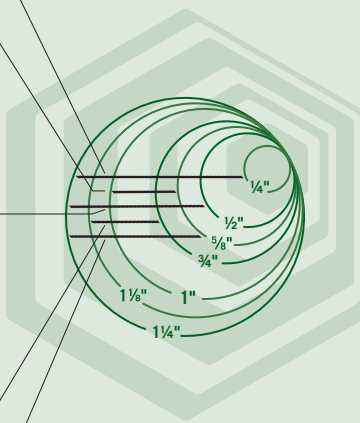




St. Joe, Indiana 46785

Phone: 800-955-6826




Fax: 260-337-1726

PRODUCTS

INCH

	GRADE	LENGTH	FINISH	DIAMETER RANGE
 HEX HEAD CAP SCREWS	2 5 8	3/8" - 10"	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	
 FINISHED HEX NUTS	5 8	-	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	
 STRUCTURAL BOLTS	A307 A325 A325T A325-3 A490 A490-3	1 1/4" - 10"	Plain/Black Hot Dip Galvanized Mechanical Galvanized	
 HEAVY HEX STRUCTURAL NUTS	C C3 DH DH3 2H	-	Plain/Black Hot Dip Galvanized Mechanical Galvanized	
 TRU-TENSION® ASSEMBLIES	F1852 F2280	1 1/8" - 6"	Plain/Black Mechanical Galvanized	
STRUCTURAL WASHERS	F436 Purchased Product	-	Plain/Black Mechanical Galvanized	

METRIC

	CLASS	LENGTH	FINISH	DIAMETER RANGE
 HEX HEAD CAP SCREWS	8.8 10.9 12.9	12mm - 250mm	Plain Zinc & Clear Trivalent Zinc, Bake & Yellow Trivalent	
 STRUCTURAL BOLTS	A325M A490M	50mm - 250mm	Plain/Black Hot Dip Galvanized Mechanical Galvanized	
 HEAVY HEX STRUCTURAL NUTS	10S	-	Plain/Black Hot Dip Galvanized Mechanical Galvanized	

SPECIALTY FASTENERS (BUILT-TO-PRINT)

Submit a blueprint of your fastener and **we'll make it**. We have a large production capacity and offer a variety of head styles, dimensions, grades and finishes. We also offer All Thread Rods and a full inventory of Culvert accessories. Please see the Cold Finish Group for more details.

FASTENER

OUR STORY

WE SWEAT THE SMALL STUFF

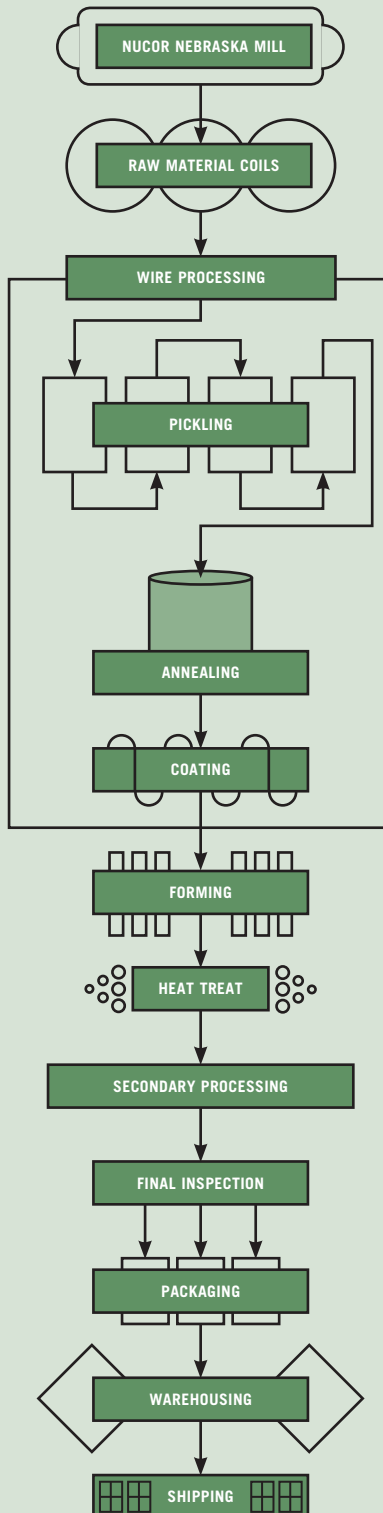
NUCOR FASTENER MANUFACTURES HIGH-QUALITY HEX HEAD CAP SCREWS, FINISHED HEX NUTS, STRUCTURAL BOLTS, NUTS, ASSEMBLIES, FLANGE BOLTS AND BUILD-TO-PRINT FASTENERS. HEAD STYLES, DIMENSIONS AND GRADES CAN BE CUSTOMIZED TO MEET INDIVIDUAL SPECIFICATIONS. THROUGH STRATEGIC ALLIANCES WITH PROCESSORS, WE ARE ABLE TO ACCOMMODATE SPECIAL FINISHES, PATCHES, ADHESIVES AND OTHER SECONDARY PROCESSING REQUESTS.



FASTENER

OUR STORY

SIMPLE, YES. BASIC, HARDLY.



WE SWEAT THE SMALL STUFF

We are a domestic leader in fastener production, manufacturing high-quality domestic standard fasteners as well as special items made to individual customer specifications. We also add value to our standard product line through special finishes, patches, adhesives and other secondary processing. Our commitment to quality, integrity, competitive pricing, service and continuous improvement makes us more than your standard fastener manufacturer.

CAPACITY

At Nucor Fastener, we have the capacity to produce over 500 million fasteners each year. Our fastener production takes place almost entirely within our 550,000-square-foot facility. We have control of the manufacturing process from start to finish including wire processing (annealing/pickling), forming, heat treat, inspection, packaging and warehousing. (See flow chart.) And since our dedicated steel source is Nucor Nebraska, we know our steel's history even before it arrives here.

We maintain the integrity of our steel through an advanced tracking system. We are able to keep track of each lot of steel from the raw material coils all the way through warehousing and shipping. Even after the fasteners are shipped, our system allows customers to acquire a full history of the steel.

MANAGING SECONDARY PROCESSING

When you buy a part from Nucor Fastener, you buy the complete part.

- Strategic alliances with leading processors.
- Direct outsource of special plate, patch/adhesive and other secondary operations.
- Quality control upheld.
- Elimination of costly double handling.
- Reduce liability for distributor.
- Streamlined supply chain.
- Responsibility for the quality, traceability, certifications and re-testing of the final product.

FASTENER

OUR STORY

A NAME OF STEEL IN EVERY PIECE

QUALITY

Nucor Fastener's business foundation is based on our commitment to quality, integrity, competitive pricing, service and continuous improvement.

REGISTRATIONS

Quality registrations include: ISO 9001, ISO/TS 16949, ISO/IEC 17025 (A2LA). In addition, Nucor Fastener is registered to the ISO 14001 environmental standard.

PRODUCT APPLICATIONS

Nucor fasteners are used in a wide range of bolted connections and applications for vehicles and structures. Our fasteners are used in nonresidential construction including buildings, bridges, stadiums, towers and power plants; highway signs and barriers; off-road equipment such as graters, bulldozers, front-end loaders, excavators and mining equipment; over-the-road semis, dump trucks and cement mixers; automotive subassemblies such as axles and brakes; farm and agriculture equipment and implements; and maintenance and general assembly applications. If it needs to be held up, down, together or apart, you will find Nucor fasteners.

DISTRIBUTION

We sell through Nucor Fastener authorized distributors throughout North America. A complete list is available on our website at www.nucor-fastener.com.







SUMMARY

LOCATIONS

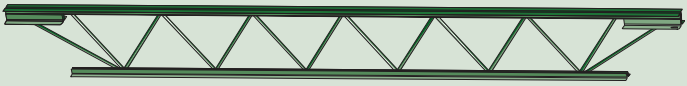
www.nucor.com

<p>VULCRAFT ALABAMA 7205 Gault Avenue North Fort Payne, AL 35967 Phone: 256-845-2460 Fax: 256-845-2823</p>	<p>VULCRAFT NEW YORK 621 Main Street Chemung, NY 14825 Phone: 607-529-9000 Fax: 607-529-9001</p>	<p>VULCRAFT UTAH 1875 West Hwy. 13 South Brigham City, UT 84302 Phone: 435-734-9433 Fax: 435-723-5423</p>	<p>VERCO DECKING ARIZONA 4340 North 42nd Avenue Phoenix, AZ 85019 Phone: 602-272-1347 Fax: 602-269-1758</p>	<p>VULCRAFT CANADA, INC. 1362 Osprey Drive Ancaster, ON L9G 4V5 Phone: 289-443-2000 Fax: 607-529-9001</p>
<p>VULCRAFT INDIANA 6610 County Road 60 St. Joe, IN 46785 Phone: 260-337-1800 Fax: 260-337-1801</p>	<p>VULCRAFT SOUTH CAROLINA 1501 West Darlington Street Florence, SC 29501 Phone: 843-662-0381 Fax: 843-662-3132</p>		<p>VERCO DECKING CALIFORNIA 8333 Lime Avenue Fontana, CA 92335 607 Wilbur Avenue Antioch, CA 94509</p>	
<p>VULCRAFT NEBRASKA 1601 West Omaha Avenue Norfolk, NE 68701 Phone: 402-644-8500 Fax: 402-644-8528</p>	<p>VULCRAFT TEXAS 175 County Road 2345 Grapeland, TX 75844 Phone: 936-687-4665 Fax: 936-687-4290</p>			

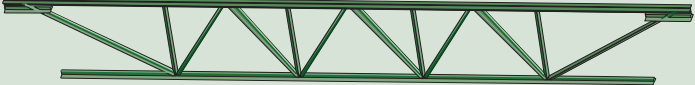
PRODUCTS

	JOISTS	JOIST GIRDERS	STEEL DECK	ECOSPAN	COMPOSITE JOIST
VULCRAFT ALABAMA	•	•	•	•	•
VULCRAFT INDIANA	•	•	•	•	•
VULCRAFT NEBRASKA	•	•	•	•	•
VULCRAFT NEW YORK	•	•	•	•	•
VULCRAFT SOUTH CAROLINA	•	•	•	•	•
VULCRAFT TEXAS	•	•	•	•	•
VULCRAFT UTAH	•	•	N/A	•	•
VERCO DECKING ARIZONA	N/A	N/A	•	•	N/A
VERCO DECKING CALIFORNIA	N/A	N/A	•	•	N/A
VULCRAFT CANADA, INC.	•	•	•	•	•

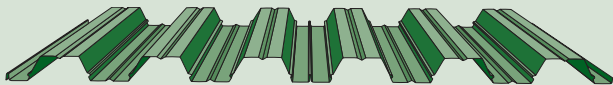
JOISTS
Open-web load-carrying members suitable for the direct support of floors and roofs in buildings.



JOIST GIRDERS
Primary framing members supporting open-web steel joists. Joist girders are designed to allow for the efficient use of steel in longer spans.



STEEL DECKING
Supported by steel joists or beams forming the floors and roofs of structures.

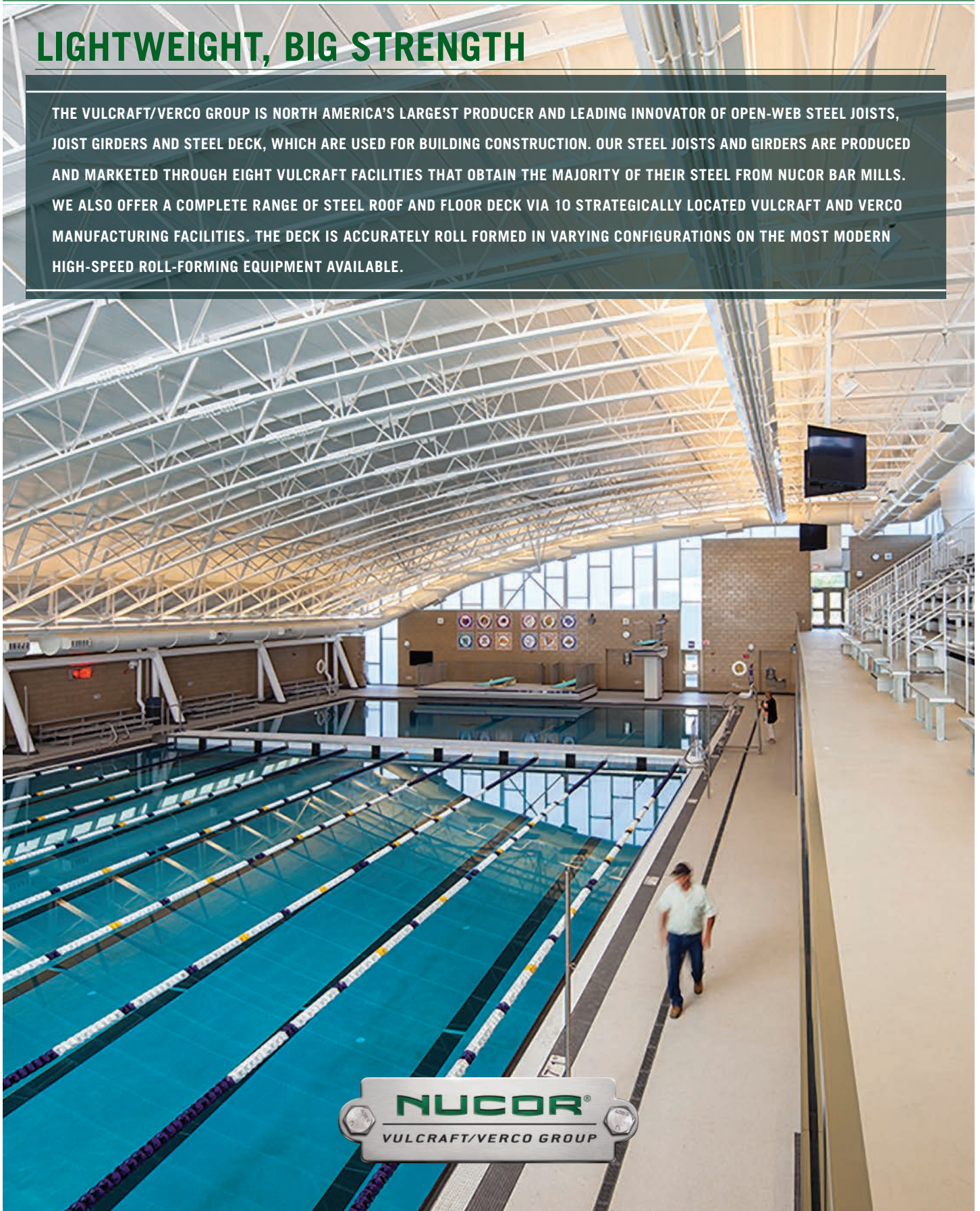


VULCRAFT/VERCO

OUR STORY

LIGHTWEIGHT, BIG STRENGTH

THE VULCRAFT/VERCO GROUP IS NORTH AMERICA'S LARGEST PRODUCER AND LEADING INNOVATOR OF OPEN-WEB STEEL JOISTS, JOIST GIRDERS AND STEEL DECK, WHICH ARE USED FOR BUILDING CONSTRUCTION. OUR STEEL JOISTS AND GIRDERS ARE PRODUCED AND MARKETED THROUGH EIGHT VULCRAFT FACILITIES THAT OBTAIN THE MAJORITY OF THEIR STEEL FROM NUCOR BAR MILLS. WE ALSO OFFER A COMPLETE RANGE OF STEEL ROOF AND FLOOR DECK VIA 10 STRATEGICALLY LOCATED VULCRAFT AND VERCO MANUFACTURING FACILITIES. THE DECK IS ACCURATELY ROLL FORMED IN VARYING CONFIGURATIONS ON THE MOST MODERN HIGH-SPEED ROLL-FORMING EQUIPMENT AVAILABLE.



QUALITY

In the manufacturing of steel joists and deck, there can be no compromise on quality. Your business depends on it. Our reputation and success depend on it. As the largest manufacturer of steel joists and deck in North America, a lot of buildings and people depend on the Vulcraft/Verco Group for consistently high standards of quality that are demonstrated in reliable performance.

When manufacturing steel joists and joist girders, we believe that welding to exact specifications is the key to making structurally sound joists — and the most critical step in the entire process. This being the case, all Vulcraft welders are qualified to American Welding Society standards, and joists supplied to Canadian markets are welded per Canadian Welding Bureau standards. All welds are in accordance with the Steel Joist Institute's welding criteria, and all Vulcraft joists are manufactured to meet the design loads provided by the specifying professional.

To further ensure the precision and quality of every weld, every Vulcraft quality assurance inspector is also certified to these same high standards. Furthermore, our quality assurance supervisors report directly to the engineering manager. We also employ an ongoing program of mechanical testing that includes full-scale load tests at every facility. Our reputation depends on successfully managed quality control programs. That's why quality is important at Vulcraft/Verco Group. You have our word on it.

BUILDING INFORMATION MODELING (BIM)

Vulcraft is pairing their proven track record of quality and service with the future of 3D modeling to give fabricators, erectors, general contractors, engineers and architects an edge over competitors in the market. Providing customers with a detailed model that can display a replica of their building, BIM leads to confidence and peace of mind for the life cycle of the project. Vulcraft's distinct advantages include multiple platforms, including Revit®, Tekla and SDS/2, preconfigured web layouts, bridging, specialty joist profiles and seat profiles with slots.

STEEL DECK

Steel roof and floor decks have long been recognized for their economy because of their light weight and high strength-to-weight ratio. They provide a durable and attractive roof or floor system for fast, all-weather construction. Steel decks also provide excellent lateral diaphragm action, thus reducing the necessity for structural bracing, and their incombustible nature assures architects, engineers and owners of excellent fire ratings.



LEVERAGING TECHNOLOGY, CREATING SOLUTIONS



PRODUCT APPLICATIONS

The majority of steel joists, joist girders and steel decking are used extensively as part of the roof and floor support systems in manufacturing buildings, retail stores, shopping centers, warehouses, schools, churches, hospitals and in multistory buildings and apartments.

FINISHES & GRADES

At Vulcraft/Verco, we offer a selection of three finishes for our decking products: prime-painted, galvanized and black (uncoated). For a prime-painted finish, prior to applying a baked-on medium gray or white primer, the cold rolled sheet is chemically cleaned and pretreated conforming to ASTM A1008. For a galvanized finish, our galvanized decks are supplied from mill-coated sheets conforming to ASTM A653 and Structural Steel.

Our steel joists and joist girders are offered with either a primed gray finish or black (uncoated).

EVERY SINGLE JOB IS UNIQUE

The Vulcraft/Verco Group will guide and assist you in the specification of our products. We are staffed with numerous engineers and detailers nationwide to provide technical expertise concerning the use of joists and deck. As the projects come available to bid, we have coverage in every market to provide estimating services so our steel fabricator customers can focus on their products and leave the joists and deck to the experts. Because everything we manufacture is custom to a specific project, Vulcraft/Verco detailers provide layout drawings with all of the details necessary to ensure every single piece fits properly when we deliver it to the job site.

Since we are Nucor, nearly all of the angles used in our joists and the sheet steel used in our decking products come from our own bar and sheet mills. At Vulcraft, over 99% of our joist products and 70% of our deck products come from recycled steel. LEED® credits are easily obtained due to our recycled content and our numerous manufacturing facilities throughout North America.



BUILDINGS GROUP



SUMMARY

LOCATIONS

www.nucor.com

NUCOR BUILDING SYSTEMS

INDIANA

305 Industrial Parkway
Waterloo, IN 46793
Phone: 260-837-7891
Fax: 260-837-7384

SOUTH CAROLINA

200 Whetstone Road
Swansea, SC 29160
Phone: 803-568-2100
Fax: 803-568-2121

TEXAS

600 Apache Trail
Terrell, TX 75160
Phone: 972-524-5407
Fax: 972-524-5417

UTAH

1050 North Watery Lane
Brigham City, UT 84302
Phone: 435-919-3100
Fax: 435-919-3101

AMERICAN BUILDINGS

ATLANTIC REGION

501 Golden Eagle Drive
La Crosse, VA 23950
Phone: 434-757-2220
Fax: 434-757-1892

MIDWEST REGION

2101 East Main
El Paso, IL 61738
Phone: 309-527-5420
Fax: 309-527-5325

SOUTH REGION

1150 State Docks Road
Eufaula, AL 36027
Phone: 334-687-2032
Fax: 334-687-0926

WEST REGION

2401 Conestoga Drive
Carson City, NV 89706
Phone: 775-887-2900
Fax: 775-882-1751

CBC STEEL BUILDINGS

1700 East Louise Avenue
Lathrop, CA 95330
Phone: 209-983-0910
Fax: 209-858-2354

GULF STATES MANUFACTURERS

101 Airport Road
Starkville, MS 39759
Phone: 662-323-8021
Fax: 662-324-2984

KIRBY BUILDING SYSTEMS

124 Kirby Drive
Portland, TN 37148
Phone: 615-325-4165
Fax: 615-325-4700

PRODUCTS *across all groups*

- Primary Frames
- Endwalls
- Intermediate Wind Columns
- Wind Bracing
- Purlins
- Girts
- Roof Panels
- Wall Panels
- Trim
- Accessories



AMERICAN BUILDINGS



A NUCOR COMPANY

BUILDINGS GROUP

OUR STORY

FASTER, EASIER CONSTRUCTION

WITH ELEVEN FULL-SERVICE FACILITIES STRATEGICALLY LOCATED THROUGHOUT THE UNITED STATES, NUCOR BUILDINGS GROUP IS ONE OF NORTH AMERICA'S LARGEST MANUFACTURERS OF METAL BUILDING SYSTEMS, WITH AN APPROXIMATE ANNUAL CAPACITY OF 500,000 TONS. NBG GOES TO MARKET VIA FIVE INDEPENDENT BUILDING BRANDS: AMERICAN BUILDINGS COMPANY, CBC STEEL BUILDINGS, GULF STATES MANUFACTURERS, KIRBY BUILDING SYSTEMS AND NUCOR BUILDING SYSTEMS. WHILE THERE IS ONGOING BESTMARKING BETWEEN NUCOR'S BRANDS, EACH BRAND HAS ITS OWN MARKET NICHES, NETWORK OF AUTHORIZED BUILDERS AND SALES TEAM.



Photography by Jessie Stratwell of Deutsch Architecture Group

BUILDINGS GROUP

OUR STORY

GROUP OVERVIEW



At each Nucor Buildings Group (NBG) location, Nucor employees use highly sophisticated technology to custom quote, design, engineer, detail, manufacture and ship complete, one-of-a-kind building systems to locations all over the world using Nucor Steel whenever possible. These world-class systems can be ordered in an infinite number of shapes and sizes, and are composed of groups of interacting, interdependent building parts. Each part of the system is designed to support and be supported by the other parts to resist location-specific design loads and protect the occupant's process from the elements. These building systems can be designed for cranes, mezzanines, conveyors, rack systems and drop ceilings, and can accommodate many other internal conditions as well as virtually any type of external wall or roof system.

In addition to metal building systems, NBG also manufactures high-quality building components, including “cee” and “zee” members, as well as trim and panels for a multitude of applications. Some NBG brands also manufacture competitively priced, custom-designed self-storage structures.

PRODUCTION PROCESS

At NBG, the production process starts at the quote stage. Our goal is always to maximize value. While each job is different, most are produced from standard inventories. Our estimating software will optimize the use of this inventory to come up with the lowest in-place building cost. In some cases, heavier materials are quoted if they lower the cost of the building, the foundations or the cost of building erection.

After a job is quoted and an NBG building brand is awarded the project, that team begins the process of engineering and detailing the building. All NBG projects are engineered and detailed in-house by full-time Nucor employees. Our engineering and detailing departments are consistently ranked as the most efficient in the industry. Our licensed professional engineers utilize highly specialized software to design buildings that take advantage of our manufacturing expertise while meeting the code and load combinations specified in the order document. Detailers then take over and use sophisticated BIM modeling technology to ensure that all the building components will fit together correctly.

Once the engineering and detailing processes are complete and the customer has confirmed that he is almost ready for delivery, we fabricate the order. Like all Nucor facilities, the safety culture dominates all aspects of the production process. Production employees are responsible for making I-Beams by welding together the webs and flanges with hot band, plate and bar. They also roll-form purlins, girts, wall panels and trim, including gutters and downspouts, from hot band material. Almost all of our steel comes from Nucor Steel. All NBG facilities are capable of producing a complete building package, American-made, with single-source quality and accountability.

BUILDINGS GROUP

OUR STORY

PRODUCT APPLICATIONS

NBG produces buildings for virtually any low-rise, nonresidential application, including new construction or additions to existing buildings. For example, one NBG building contains one of three remaining Saturn V rockets, and others are used as backyard workshops. Some are used by Nucor Steel. And others are used by companies who process and warehouse Nucor Steel or use it in their manufacturing process. People all over North America worship in NBG buildings, are serviced by fire trucks that are housed in NBG buildings, drop off their children to attend school in an NBG building, eat and shop in NBG buildings, and the list goes on. Because every building is unique, applications are endless. Here is a list of applications where NBG buildings are commonly found to be the best solution:

- Aviation/Aircraft Hangars
- Warehousing/Storage
- Manufacturing
- Retail
- Agricultural
- Military
- Automotive (dealerships/repair)
- Athletic/Recreational
- Correctional
- Recycling
- Alternative Energy Production
- Office Space
- Community
- Religious
- Transportation
- Distribution
- Self-Storage

KEY MARKETS/DISTRIBUTION

Nucor Buildings Group strives to form relationships and earn a preferred status with repeat buyers. NBG products are sold primarily through a growing network of authorized builders in the United States and Canada, and NBG has earned solid relationships with thousands of authorized builders. Most of our authorized builders are local, design-build, turnkey contractors who package our products with other products and value-added services, such as insulation, building erection, HVAC, concrete, electrical and plumbing. Relationships with our authorized builders are managed by each brand's team of district sales managers. Our authorized builders benefit from hands-on relationships with their district sales manager, participation in co-op advertising programs, Internet job tracking, custom-tailored pricing software and many more valuable tools, which can vary by brand.

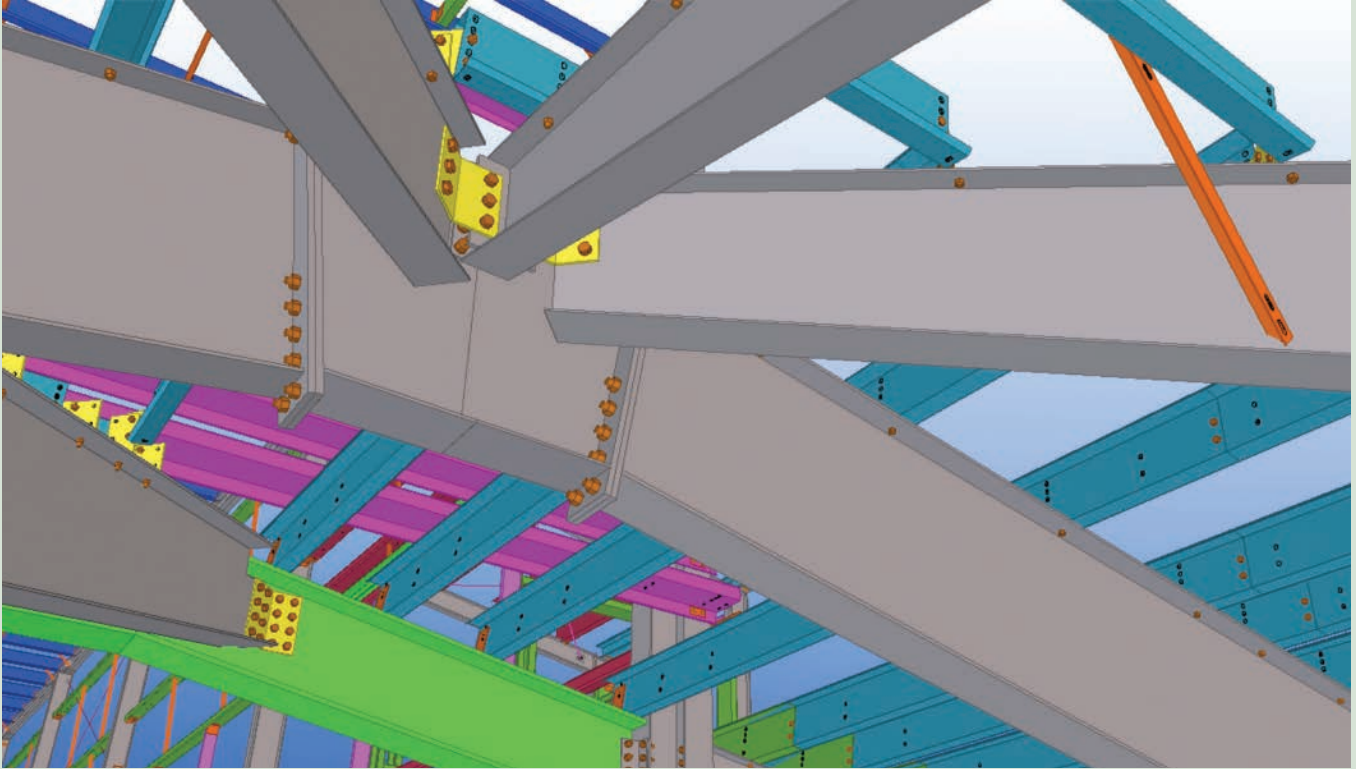
While our primary customers are authorized builders, NBG also pursues relationships in a few other areas. Our Preferred Partner program rolls out the red carpet to customers and suppliers of Nucor Steel when they need a building, and is our only sales program that operates at the group level rather than at the brand level. Our National Account teams pursue relationships with companies that have an ongoing need for new buildings as they expand over a broad geography. When we receive a lead from a Preferred Partner or a National Account, we can help these companies with many aspects of their construction process, such as partnering them with an experienced authorized builder in the area where they're planning to build. Our Private Label teams pursue relationships with companies who aggressively market to building buyers across a broad geography, but want their company name and logo to appear on the building package and paperwork instead of ours. Our Self-storage and Light-gauge teams pursue specialized contractors and developers who provide these types of structures. As each brand seeks to increase market penetration, they will continue to investigate and target various markets where building decisions are made and/or influenced.

SIZE CAPABILITIES

The shapes and sizes of NBG's buildings are as different as the people who occupy them. From 500-square-foot backyard buildings to 2,000,000-square-foot distribution centers, NBG can offer competitively priced buildings that are delivered on time and fit together in the field, with unbeatable service and solutions that work.

BUILDINGS GROUP

OUR STORY



BUILDING INFORMATION MODELING (BIM)

Building Information Modeling (BIM) is the process of generating and managing building data and its various components during its life cycle. Using three-dimensional, real-time, dynamic building modeling software to increase productivity in building design and construction, the process produces the BIM, which encompasses building geometry, spatial relationships, geographic information, and quantities and properties of building components. “BIM is a game changer, with the potential to revolutionize every phase of the construction process. We like to think of our version of the software as not just 3D, but HD-3D,” said Jeff Carmean, president of the Nucor Buildings Group. He also claims, “Utilizing BIM gives NBG companies an upper hand allowing for enhanced quality control, providing comprehensive life-cycle management that leads to increased productivity. BIM detailing, currently used by all NBG brands, has already improved the quality of our buildings because we can detect part clashes before manufacturing begins.”

NUCOR TRUSSFRAME

The Nucor TrussFrame Open Web Rafter System, offered by all NBG brands, is a hybrid metal building rigid frame system. It consists of typical three-plate built-up columns with solid webs and open-web rafters. The rafters consist of two-plate built-up tees assembled into a truss, using web angles. Nucor TrussFrame combines the stability of a rigid frame with the versatility and architectural aesthetic of open web trusses. The result is a highly flexible system that provides unobstructed, column-free interior space in excess of 300 feet.

BUILDINGS GROUP

OUR STORY

AMERICAN BUILDINGS COMPANY



AMERICAN BUILDINGS

A NUCOR COMPANY

INNOVATION. TECHNOLOGY. SOLUTIONS.

Since 1947, American Buildings Company (ABC) has pioneered the design, manufacture, and delivery of metal buildings and roofing systems that have set the industry standard. With one of the widest array of product offerings, from a simple storage structure to complex multistory buildings, ABC manufactures thousands of custom buildings annually. Primary framing, secondary framing, wall panels, roof panels and trim are all designed and manufactured to custom lengths, widths and weights depending upon the requirements of a particular building. Design and “build-to order” is probably the best description of what we do. With four production facilities, ABC is well positioned to serve the entire U.S. and Canada markets. ABC also has a division called Architectural Metal Systems (AMS), which manufactures metal standing seam roof systems for new and retrofit construction markets and traditional metal roof panel and wall panel systems for remodeling applications throughout North America. AMS is well qualified and experienced at designing, detailing and manufacturing roofing systems for the educational and military markets.



CBC STEEL BUILDINGS



CUSTOM SOLUTIONS

Since 1984, CBC Steel Buildings has been manufacturing custom metal building solutions from our office and manufacturing plant in Central California. Our location allows us to service the western United States, including Alaska and Hawaii, and western Canada; as well as many overseas markets. CBC specializes in complex building projects, and we are recognized for our flexibility, schedule performance and commitment to assuring continuity in our projects. CBC encourages its customers to be involved in the design-build process, giving them direct communication with the individual working on their project. The process results in the elimination of errors, faster response times to your needs, and the delivery of a high-quality metal building that is quick and efficient. When it comes to custom-engineered metal building systems, CBC Steel Buildings is able to meet the requirements for virtually any project with the most cost-effective approach.



BUILDINGS GROUP

OUR STORY

GULF STATES MANUFACTURERS



A **NUCOR** COMPANY

WHERE QUALITY AND TEAMWORK ARE OUR WAY OF LIFE

Gulf States Manufacturers is a supplier of custom steel packages used in building construction. Based in Starkville, MS, Gulf States began producing projects in 1968 and to date has supplied over 42,000 buildings to all 50 states and over 30 foreign countries. Our facility covers over 246,000 square feet of manufacturing area and over 40,000 square feet of office space. Gulf States can supply custom steel building packages for projects as little as a 10-foot span and 100 square feet to a 300-foot span and 1,000,000 square feet; from as little as 10 feet tall to as high as 100 feet tall; with bay spaces as big as 60 feet and cranes as big as 100 tons. Our Web-based Connect-3 pricing system allows our builder network to price and order projects from their offices, and our design software allows us to create the entire building as a system rather than designing each component of the building on its own. With our unparalleled design and detailing industry experience, we can handle both large and small detail-intensive projects.

KIRBY BUILDING SYSTEMS



KIRBY
BUILDING
SYSTEMS
A **NUCOR** Company

SECOND TO NONE

For over 60 years, Kirby Building Systems has been a leading manufacturer of

custom-engineered, high-quality metal building systems for aviation, commercial, industrial, institutional, recreational and most other specialty metal building applications. Not only can Kirby design simple buildings, but our niche in the marketplace is to provide customized solutions for complex projects that may not appear to be pre-engineered at first glance. The Kirby focus on quality and service results in building systems with solid advantages, including fast-response design, Web-based estimating software, more detailed drawings, fewer pieces to erect and complete buildings delivered on time, resulting in faster completion schedules.

NUCOR BUILDING SYSTEMS



THE BRAND OF CHOICE

Nucor Building Systems (NBS) is the brand of choice for many of America's leading design-build contractors. Our position as an industry leader is the

result of a highly skilled workforce comprised of dedicated employees executing our F.O.C.U.S. statement on every job:

Fit On-time delivery Competitive prices Unbeatable service Solutions that work

With four plants located across America and a national network of highly qualified contractors, NBS is perfectly positioned to service the national construction market effectively and efficiently. NBS employs a highly knowledgeable and technically skilled sales force to assist our customers in getting it done "Right from the Start." NBS design capabilities can accommodate most any floor plan a business may require, and our buildings system combines a broad selection of aesthetic exterior options with structural stability and building functionality. NBS is consistently ranked as one of the most efficient producers in the industry. To top it off, NBS is red, white, blue and green, providing American-made buildings that are as eco-friendly and green as it gets with recycled content, recyclability and LEED®-qualifying capabilities that are some of the best in the industry.

skylinesteel I
a NUCOR company



Mexico location not shown.

SKYLINE STEEL

SUMMARY

LOCATIONS

www.skylinesteel.com

UNITED STATES

SOUTH

4908 Cahaba River Road, Suite 200
Birmingham, AL 35243
Phone: 205-262-9909
Fax: 205-262-9910

SOUTHEAST

3550 Corporate Way, Suite E
Duluth, GA 30096
Phone: 770-242-9007
Fax: 770-242-0655

MISSOURI

502 Earth City Plaza, Suite 124
Earth City, MO 63045
Phone: 314-739-1303
Fax: 314-739-5616

NORTHWEST

301 54th Ave. East, Suite 100
Fife, WA 98424
Phone: 253-922-2727
Fax: 253-922-2728

TEXAS

1120 NASA Parkway, Suite 225
Houston, TX 77058
Phone: 281-992-4000
Fax: 281-335-8321

LOUISIANA

635 Lafitte Street, Suite A
Mandeville, LA 70448
Phone: 985-624-3620
Fax: 985-624-3623

NORTHEAST

One Arin Park, 1715 Hwy. 35, Suite 209
Middletown, NJ 07748
Phone: 732-671-5900
Fax: 732-671-2672

FLORIDA

7380 Sand Lake Road, Suite 135
Orlando, FL 32819
Phone: 407-622-6001
Fax: 407-622-6002

PITTSBURGH

5700 Corporate Drive, Suite 660
Pittsburgh, PA 15237
Phone: 412-437-1100
Fax: 412-366-7390

WEST COAST

2020 Hurley Way, Suite 150
Sacramento, CA 95825
Phone: 916-463-0105
Fax: 916-923-0446

MID-ATLANTIC

7426 Alban Station Blvd., Suite 202
Springfield, VA 22150
Phone: 703-978-2500
Fax: 703-440-8202

NEW ENGLAND

391 West Water Street
Taunton, MA 02780
Phone: 508-821-4700
Fax: 508-821-4438

MIDWEST

16335 South Harlem Avenue, Suite 150
Tinley Park, IL 60477
Phone: 708-444-0999
Fax: 708-444-0990

OHIO

8899 Brookside Avenue, Suite 102
West Chester, OH 45069
Phone: 513-777-7039
Fax: 513-777-7061

CANADA

ST. ALBERT

202 - 21 Perron Street
St-Albert, AB T8N-1E6
Phone: 780-460-8363
Fax: 780-418-3978

ST. BRUNO

1400 Marie-Victorin, Suite 216
St-Bruno, QC J3V-6B9
Phone: 450-461-6366
Fax: 450-461-6342

BELLEVILLE

122C Parks Drive, Unit 3
Belleville, ON K8N 4Z5
Phone: 613-962-5550
Fax: 613-962-4279

CARIBBEAN

7380 Sand Lake Road, Suite 135
Orlando, FL 32819
Phone: 407-622-6001
Fax: 407-622-6002

MÉXICO, CENTRAL AMERICA & COLOMBIA

Skyline Comercial de Mexico, S.A. de C.V.
Blvd. Bernardo Quintana 1116
Loc. 703 y 704 Col. Arboledas
Querétaro, Qro. 76140
México
Phone: +52 442 218 5511
Fax: +52 442 218 7494

ASTRALLOY

www.astralloy.com

FOR ALL ASTRALLOY INQUIRIES:

sales@astralloy.com
Toll-Free: 866-587-6970
Sales Phone: 724-230-5100
Sales Fax: 724-734-5838



YOUR TRUE PROJECT PARTNER

SKYLINE STEEL IS A PREMIER STEEL FOUNDATION SUPPLIER SERVING THE UNITED STATES, CANADA, MEXICO, THE CARIBBEAN, CENTRAL AMERICA AND COLOMBIA MARKETS. WE HAVE MORE THAN 20 SALES OFFICES IN NORTH AMERICA AND A ROBUST INFRASTRUCTURE COMPRISED OF MANUFACTURING, COATING AND FABRICATION FACILITIES; DOZENS OF STOCKING LOCATIONS; AN EFFICIENTLY COORDINATED SUPPLY CHAIN; AND EXCLUSIVE ENGINEERING SUPPORT. THESE FUNCTIONS SUPPORT A DYNAMIC SALES TEAM THAT SUPPLIES HUNDREDS OF THOUSANDS OF TONS OF STEEL FOUNDATION PRODUCTS TO THE INDUSTRY EVERY YEAR.



SKYLINE STEEL

OUR STORY

PRODUCTS

Our flagship products include hot rolled and cold formed steel sheet piles, H-piles, spiralweld and rolled & welded pipe piles, threaded bar, micropiles, multi-strand anchor systems, hollow bar systems, accessories and structural sections.

- **Steel Sheet Pile**
- **Combined Wall Systems**
- **Steel H-pile**
- **Pipe**
- **Pile Accessories**
- **Threaded Bar & Accessories**
- **Micropiles**
- **Multi-strand Anchor Systems**
- **Hollow Bar & Accessories**
- **Structural Sections**
- **Environ**

PRODUCTS



UNMATCHED PRODUCT RANGE

As the premier leader of steel pile systems and solutions, Skyline Steel's blend of products is unrivaled. From hot and cold rolled sheet piles to H-piles, pipe piles to geostuctural products, only Skyline Steel offers the product range to meet the design and construction demands of North America.

MATERIAL AVAILABILITY

With strategic stocking locations throughout North America, Skyline Steel has established a material delivery network that is primed for immediate response. Our facilities offer barge, rail and truck transportation options for cost-effectiveness and on-time delivery.

MANUFACTURING CAPABILITIES

Skyline Steel owns and operates pipe, sheet pile, geostuctural and pile accessory facilities. Production is supplemented with full fabrication capabilities to provide a single source for all your foundation needs.

INNOVATIVE APPLICATIONS AND ENGINEERING EXPERTISE

Skyline Steel has sales offices throughout North America staffed with experienced sales professionals to help meet your material needs. In addition, Skyline Steel offers exclusive engineering support in project design and construction.

SKYLINE STEEL

OUR STORY

PRODUCT APPLICATIONS

Skyline Steel products are manufactured according to the most stringent specifications and may be customized to fit your project needs. Their strength, durability and versatility make our products ideal for use in the following applications:

- Marine & Waterfronts
- Basement & Underground Parking
- Water & Sewer
- Transportation
- Environmental
- Storm Protection
- Geotechnical

PRODUCT TYPES

Steel Sheet Pile

- NZ/PZ Hot Rolled Steel Sheet Pile
- AZ Hot Rolled Steel Sheet Pile
- SCZ/SKZ Cold Formed Steel Sheet Pile
- AS Hot Rolled Steel Sheet Pile
- SKL/SKS Cold Formed Steel Sheet Pile
- PS/AS Hot Rolled Steel Sheet Pile

Combined Wall Systems

- Pipe-Z Combined Wall Systems
- HZ[®]-M Steel Wall Systems

Steel H-pile

Pipe

- Spiralweld Pipe
- Rolled and Welded Pipe

Pile Accessories

Geotechnical Solutions

- Threaded Bar & Accessories
- Hollow Bar Systems
- Micropile
- Multi-strand Anchor Systems

Structural Sections

Environ



SKYLINE STEEL

OUR STORY

ENGINEERING EXPERTISE

Skyline Steel's knowledgeable engineering department works with owners, engineers and contractors long before projects are advertised. To ensure seamless project coordination and completion, engineers provide recommendations and assistance through all aspects of design, material selection, installation and construction sequencing. Engineering support is extended even further to include provision of onsite assistance to ensure effective resolution after a project has started. Our relationship with the industry extends beyond sales — we are your true project partner.

With a dedicated team of in-house engineers, Skyline Steel is an industry leader offering complimentary, cutting-edge technical and engineering resources. The following are just a few of the value-added services offered at no cost to you:

- Complete Analysis and Calculations
- Drawings and Estimating
- Feasibility and Cost Assessments
- Field Engineering Expertise
- Innovative Construction Techniques
- Installation Guidance
- Assistance with Specification Writing
- Training Programs for PDH Credits



SKYLINE STEEL

OUR STORY

ASTRALLOY PRODUCTS



For more than 50 years, Astralloy Steel Products has been providing innovative and cost-effective solutions. We have an extensive product line of abrasion-resistant and specialty steel plate and bar:

PRODUCT TYPES

Specialty Plate

- Astralloy-V Plate®
- Astralloy 8000®
- Astralloy 4800®
- EB-450®
- Trip-L-Tuff®
- Rol-Man®

Alloy Round Bar

- Astralloy-V Round Bar®
- 4330 V-Mod Round Bar
- 4145 H-Mod Round Bar

Alloy Plate

- AstraWear 550
- AstraWear 500F
- AstraWear 450F
- AstraWear 400F
- A-514

Armor Plate

- Armor V2®
- BP6:33®
- MIL-DTL-46100E
- MIL-DTL-12560K

SKYLINE STEEL

OUR STORY

ASTRALLOY PRODUCTS



ASTRALLOY-V PLATE®

Astralloy-V is a unique, deep air-hardened steel that is rich in chemical composition and physical properties. It is through-hardened and unsurpassed in resistance to impact and abrasion.

With continuous impact and abrasion, Astralloy-V can reach a hardness in excess of 550 BHN without brittleness.



EB-450®

EB-450 is a liquid-quenched and tempered, through-hardened, high-impact alloy steel with excellent abrasion-resistant properties. Its balanced boron, modified nickel-chrome and molybdenum chemistry is ideal for achieving an optimum hardness-to-toughness ratio.

EB-450 boasts a longer wear life due to its through-hardness, which is more uniform than what is found in conventional carbon/manganese steels. This quench-hardened material is competitively priced for optimum cost/wear ratios. This steel's resistance to atmospheric corrosion further reduces surface pitting. EB-450 is field proven in extremely abrasive bulk-handling installations.



ASTRALLOY 4800®

Astralloy 4800 is a wear-resistant steel offering up to 50% additional in-service life compared with a 400 HB water-quenched steel. Rather than just using a high hardness level, the steel achieves this state by using proven and controlled metallurgical mechanisms. Depending on the thickness, various combinations of an enriched chemical analysis (Cr, Mo, Ti) and controlled quenching rate are used, along with the reinforcement of the structure with titanium carbides, which help maintain the properties and wearability of Astralloy 4800. Using Astralloy 4800 in processing operations like cutting, machining and forming is no more difficult than processing AR400 water-quenched steel. Astralloy 4800 is designed to provide the optimum combination of wear resistance, controlled hardness and ease of processing.



ASTRALLOY-V ROUND BAR®

Astralloy-V round bars have the same chemistry, uniform toughness and hardness as plate, from surface to core.

Astralloy-V's ultra-fine grain structure, free of massive carbide particles due to its lower carbon content, provides better machinability at its higher strength/hardness level than quenched and tempered alloys.

SKYLINE STEEL

OUR STORY

For more than 50 years, Astralloy Steel Products, Inc. has been providing innovative and cost-effective wear-, impact- and abrasion-resistant steel solutions. We offer superior customer service with readily available inventory of proprietary and quenched and tempered steel grades. Our success is driven by partnerships with our customers to improve their efficiency and profitability.

- Extensive product line of abrasion-resistant and specialty steel plate and bar
- Unparalleled experience with thousands of applications across various markets and industries

At Astralloy, we develop innovative products and solutions for our customers by listening to and understanding their needs.

Astralloy is a wholly owned subsidiary of Nucor Corporation, the largest producer of steel in the United States.

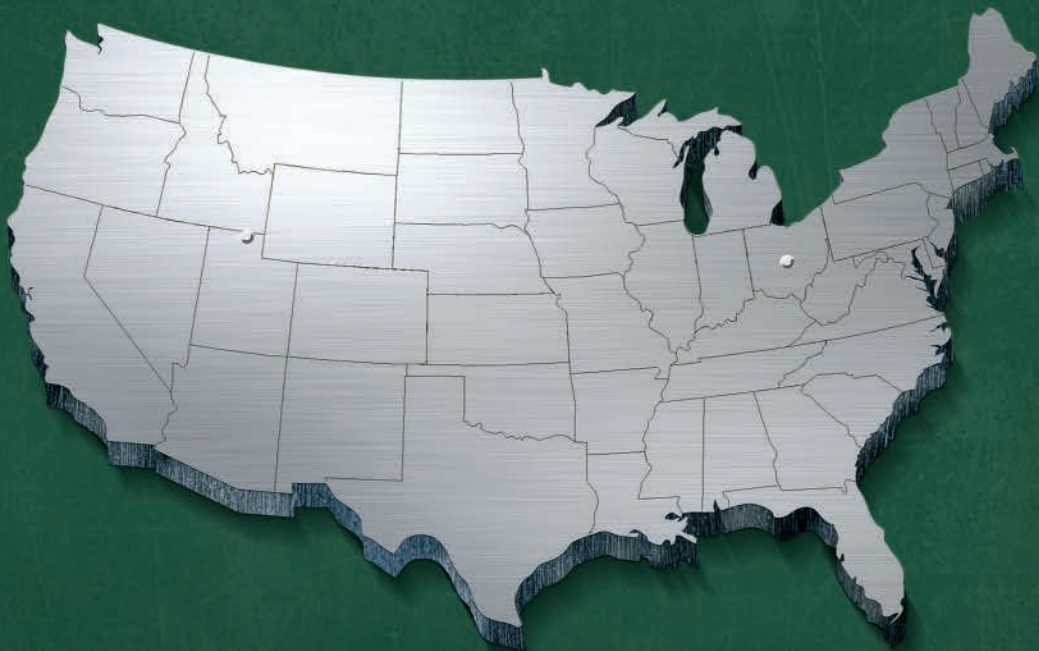
PROCESSING CAPABILITIES

- 1,000-ton 20' press brake
- 30" plate rolls capable of rolling 2" mild steel 10' wide
- High-definition plasma and precision oxyacetylene cutting
- CAD/CAM and nesting software
- Bar sawing capacity of 20" diameter

QUALITY ASSURANCE

- ISO 9001:2008 Certified
- Original Certified Mill Test Reports







SUMMARY

LOCATION

www.nucor.com

NUCOR STEEL MARION, INC.

912 Cheney Avenue
Marion, Ohio 43301
Phone: 800-333-4011
Fax: 740-383-6429

PRODUCTS



RIB-BAK® U-CHANNEL

The heart of Nucor Steel Marion highway products



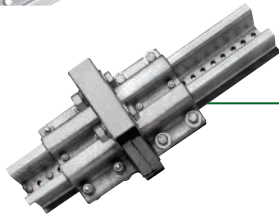
LAP-SPLICE™

The RIB-BAK® breakaway system made easy



SLIP-SAFE™

The breakaway system for high-impact areas



SLIP-SAFE SUPREME™

360° breakaway system for mid-size sign supports



BEND-BAK™

Bendable low-carbon steel permanent delineators



NU-CABLE™

3- and 4-cable highway barrier systems



NU-GUARD™

W-beam guard-rail systems

FINISHES

POWDER-SHELL™ powder coating in green, black, yellow, white, orange and brown

Hot-dipped galvanizing (ASTM A123)

SIZE /CAPACITY

Available in multiple sizes with load capacity ranging from 2 lbs./ft. to 5 lbs./ft.

STANDARDS

FHWA-Accepted



WHO CARES ABOUT POSTS?

ANYONE WHO CARES ABOUT SAVING LIVES AND MONEY.

NUCOR STEEL MARION, INC. IS A STEEL MINI MILL THAT MANUFACTURES A FULL LINE OF SPECIALTY STEEL PRODUCTS IN SHAPES NEEDED FOR THE HIGHWAY, CONSTRUCTION AND AGRICULTURAL INDUSTRIES. WE SPECIALIZE IN REBAR, BREAKAWAY U-CHANNEL, SMALL AND MID-RANGE SIGNPOSTS, DELINEATORS AND ROADSIDE BARRIER SYSTEMS. MANY OF OUR BRAND NAMES — NU-CABLE™, NU-GUARD™, RIB-BAK®, LAP-SPLICE™, BEND-BAK™, SLIP-SAFE™ AND SLIP-SAFE SUPREME™ — ARE WELL KNOWN IN THESE INDUSTRIES.



HIGHWAY & AGRICULTURAL

OUR STORY



Our breakaway U-channel systems for small and mid-sized signs exceed crash impact standards by over 200%. They utilize new billet steel that has 25% greater yield strength than our competition, and costs up to 50% less than other steel sign supports. And we offer low- and high-tension cable barrier systems that provide a unique combination of effective protection, visual appeal and economy in both median and guardrail applications. Finally, our support posts anchor the framework of a wide variety of fruit-growing operations in the agricultural industry.

HISTORY OF INNOVATION

We were on the leading edge of the roadside safety effort when we pioneered breakaway small sign supports. Next, we broke new ground with an innovative 360° breakaway system for small and medium-sized sign supports. We eliminated the problems associated with paint by going to a powder-coating system, which we offered at the same cost as paint.

Then we expanded our markets by engineering our posts (and special hardware) so they would be the cost-effective nucleus of cable barrier and guardrail systems. We have even designed our U-channels for agricultural use in orchards, vineyards and shade structures.

DISTRIBUTION

We sell primarily through 35 authorized distributors across the U.S. Some of these distributors concentrate on the signpost market or the horizontal safety barrier market, and a select few service both market segments.

HIGHWAY PRODUCTS — SAVING MONEY, SAVING LIVES

Safety is smart business. Start with products designed to make our highways safer, plus give customers a way to save money at the same time. These are the guiding principles behind everything we do. We started with our patented RIB-BAK U-channel signpost. Its stronger design has the added safety of 25% more yield strength than competitive signposts. And the cost savings of supporting larger signs with smaller posts. Not to mention they traditionally cost significantly less to purchase than other steel signposts, such as square tube. RIB-BAK initially became the integral part of our full line of breakaway U-channel systems for small and mid-sized signs that exceed allowable crash impact standards by over 200%.

Then we expanded with RIB-BAK as the heart of our NU-CABLE barrier system that offers a unique combination of TL-3 and TL-4 crash test-proven protection, and a 50% to 75% savings over traditional W-beam and concrete barriers. Finally, we introduced our NU-GUARD U-channel post guardrail systems that meet revised NCHRP 350 (MASH) criteria, while cutting installation time in half and lowering the overall guardrail material costs. Doing the right thing becomes a habit. And it's wonderfully contagious, especially when it starts with doing the safe thing for your customers and saving them money.

HIGHWAY & AGRICULTURAL

OUR STORY



RIB-BAK® THE BACKBONE OF OUR HIGHWAY PRODUCTS

Made of tough new billet steel, RIB-BAK is the strongest U-channel post available, especially in the crucial load-bearing points, with over 25% greater yield strength than our competitor's rail steel. Its RIB-BAK design withstands higher wind loads and saves money by supporting a lot more sign per post. Its contact points are flush surfaces, providing solid, more permanent sign attachment. And installation typically takes just minutes, with posts easily driven in with conventional tools.

POWDER COATING AT THE PRICE OF PAINT

Only Nucor Steel Marion gives you the superior rust-resistant protection, durability and appearance of powder coating — at the price of paint. Called POWDER-SHELL™, it's available for all sizes of RIB-BAK in green, black, yellow, white, orange and brown (other colors by request). For the ultimate protection against the elements, RIB-BAK posts are also available in hot-dipped galvanized (ASTM A-123).

CRASH TESTED AND APPROVED

RIB-BAK U-channel signposts and breakaway systems are accepted by the Federal Highway Administration (FHWA) for small sign support applications, and also meet the NCHRP 350 criteria for occupant impact velocity.

NU-CABLE™ BARRIER SYSTEMS

NU-CABLE Barrier Systems offer a unique combination of TL-3 and TL-4 crash test-proven protection, while costing 50 to 75% less than traditional W-beam and concrete barriers. They are more economical to install, maintain and repair. That's saving lives for less.

System features:

- Available in either 3-cable (TL-3) or 4-cable (TL-3 and TL-4) designs.
- FHWA accepted.
- Both systems utilize strong yet economical 4 lb. Nucor Steel Marion RIB-BAK U-channel steel posts, galvanized or powder-coated for long life.
- Can be installed in median and roadside configurations.
- Cables attached to posts with a unique system of locking hook bolts, cable hangers and clips that absorb energy during crashes.
- Anchored at both ends into FHWA-accepted end treatments.
- Easy to maintain and repair. Cables are stretched and tightened on site.
- Deflections can be customized to meet site needs.
- An attractive alternative to traditional W-beam and concrete barriers.
- Doesn't block driver visibility.

HIGHWAY & AGRICULTURAL

OUR STORY

NU-GUARD™ GUARDRAIL SYSTEMS

NU-GUARD™ Strong Post Guardrail Systems are available for use with (NU-GUARD-27) or without (NU-GUARD-31) offset blocks. Both are crash test-proven and offer a design that makes installation and repairs simple, fast and inexpensive.

System features:

- Crash-tested and NCHRP-350 compliant.
- FHWA accepted for new installations or for section replacement or repair.
- RIB-BAK 5 lbs./ft. U-channel post is much easier and faster to install than wood or I-beam posts.
- Use in either median or roadside configurations.
- One of the best “ride downs” in the industry.
- Post galvanized for corrosion resistance.

AGRICULTURE — END POSTS AND INTERIOR SUPPORTS FOR ORCHARDS, VINEYARDS AND SHADE STRUCTURES

Our RIB-BAK U-channel posts provide greater strength (80,000 PSI minimum yield) at load-bearing points than other posts, which is why they have found favor in the agricultural industry. Our high-tensile strength (110,000 PSI minimum) allows more weight to be distributed per post, requiring fewer supports per acre.

The posts are easily installed. Using a conventional power post driver, they can be driven in place in approximately 30-40 seconds even in the harshest soil conditions — less than one-fourth the time required for a comparable pine post. No drilling or backfilling necessary.

RIB-BAK posts are much stronger than wood, and will not rot or carry disease. In addition to economy, another benefit of U-channel posts are the holes running the length of the posts, which allow side pieces of U-channel or other steel components to be bolted to the support posts.



HIGHWAY & AGRICULTURAL

OUR STORY

LOCATION

NUCOR STEEL UTAH

West Cemetery Road
Plymouth, Utah 84330
Phone: 800-453-2886
Fax: 435-458-2309



NUPOST™ FENCE POST SYSTEMS

Only NuPost™ fence post systems offer the unique combination of the key factors of superior fence post performance — strength, ductility and weather resistance at no added cost.

Because Nucor uses 100% recycled steel scrap as raw material, we can control the chemistry of the steel we melt and the billets we cast. Nucor Utah developed a special chemistry specifically for NuPost fence posts that features lower carbon content, but includes a small amount of vanadium (commonly used in very high-quality alloy steels). This gives NuPost the strength of rail steel (ASTM A499) combined with a greater ductility.

Rail steel, produced from iron ore, has very low levels of the elements needed for weather resistance — copper, nickel and chromium. Scrap metal naturally contains significant amounts of these elements (ASTM G101), giving NuPost up to seven times the weathering resistance of rail steel fence posts.*

*Atmospheric corrosion resistance calculated using ASTM G101-04, an industry-standard formula.

HIGHWAY & AGRICULTURAL

OUR STORY

PRODUCTS

STEEL

100% recycled scrap steel content. Made in the USA.

PAINT

Posts are painted with dark green or orange enamel. Tip colors can be lime green or gold. Can also be ordered without tip color.

WEIGHT

Available in 1.25 and 1.33 lbs./ft. Studs spaced uniformly along length of post.

LENGTH

Available in 6" increments from 5' to 10'.

ANCHOR PLATE

Uniquely shaped for added stability. Securely attached on the studs of every NuPost. Spade attached to post according to ASTM specs. Weight of spade is .384 lbs. (.670 lbs. on ASTM certified NuPosts).

BUNDLING

Banded in 5-piece sub-bundles with 200-piece master bundles.

WIRE CLIPS

Five wire clips are included with each post — 25 clips in a bag; master bag of 40 (1,000 clips) with each 200-piece master bundle.

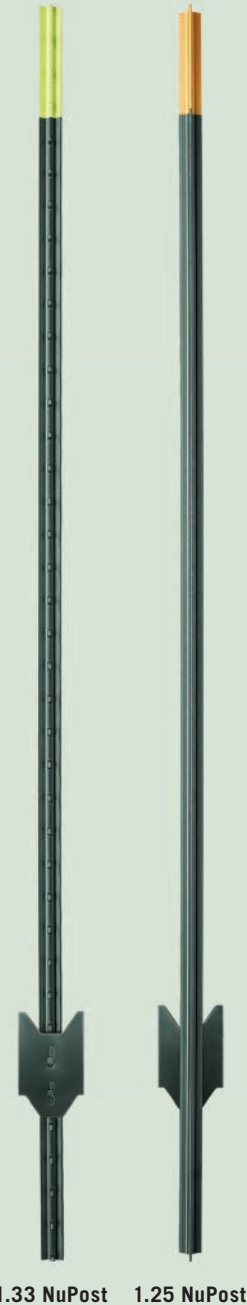
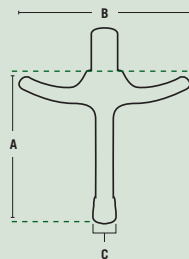


Each NuPost is marked with its size and made in the USA.



Anchor plate is uniquely shaped for added stability.

NUPOST DIMENSIONS				
WEIGHT LBS./FT.	NOMINAL DIMENSIONS (INCHES)			AREA SQ./IN.
	A	B	C	
1.25	1.355	1.355	0.12	0.368
1.33	1.375	1.385	0.125	0.391



1.33 NuPost 1.25 NuPost



TUBULAR PRODUCTS



SUMMARY

LOCATIONS

www.nucor.com

INDEPENDENCE TUBE

NORTH SALES

6226 West 74th St
Chicago, IL 60638
Phone: 800-376-6000
Fax: 708-563-1950

CHICAGO, IL

6226 West 74th Street
Chicago, IL 60638
Phone: 708-496-0380
Fax: 708-563-1950

MARSEILLES, IL

1201 Broadway Street
Marseilles, IL 61341
Phone: 815-795-4400
Fax: 815-795-6378

SOUTHLAND TUBE

BIRMINGHAM

3525 Richard Arrington, Jr. Blvd N
Birmingham, AL 35234
Phone: 205-251-1884
Fax: 205-380-0186

DECATUR, AL

2000 Independence Avenue NW
Decatur, AL 35601
Phone: 256-340-7420
Fax: 256-340-7415

TRINITY, AL

2000 Cooperage Way
Trinity, AL 35673
Phone: 256-301-5560
Fax: 256-301-5561

SOUTH SALES

3525 Richard Arrington, Jr. Blvd N
Birmingham, AL 35234
Phone: 800-543-9024
Fax: 205-380-0186

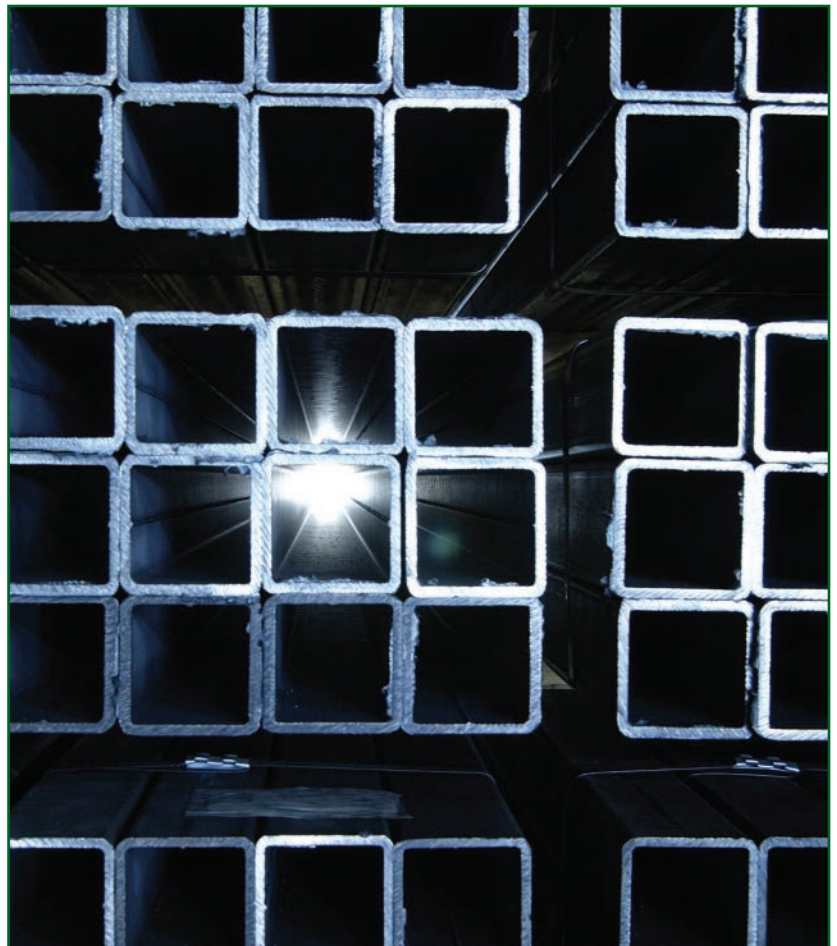
REPUBLIC CONDUIT

LOUISVILLE, KY

7301 Logistics Drive
Louisville, KY 40258
Phone: 502 995 5900
Fax: 502 995 5873

CEDAR SPRINGS, GA

633 Georgia Tubing
Cedar Springs, GA 39832
Phone: 229 372 4501
Fax: 229 372 4749



TUBULAR PRODUCTS

OUR STORY

FROM FURNACE TO FOUNDATION

NUCOR TUBULAR PRODUCTS GROUP (NTPG) WAS CREATED IN 2017 WHEN INDEPENDENCE TUBE, SOUTHLAND TUBE AND REPUBLIC CONDUIT MERGED UNDER THE NUCOR BRAND. TOGETHER, THESE COMPANIES BRING 85 YEARS OF EXPERTISE IN MANUFACTURING HIGH-QUALITY HSS, PILING, A53 PIPE, FIRE PROTECTION SPRINKLER PIPE, AND ELECTRICAL STEEL CONDUIT. NTPG HAS SEVEN LOCATIONS ACROSS THE UNITED STATES WITH A TOTAL CAPACITY ABOVE 1,146,000 TONS PER YEAR.



TUBULAR PRODUCTS

OUR STORY

INDEPENDENCE TUBE & SOUTHLAND TUBE



Southland Tube was founded in 1987 in Birmingham, Alabama, to serve its regional customer base with ASTM A513 mechanical tubing. The Montgomery family purchased the assets in 1995 and grew the business into a national brand with a strong reputation for superior customer service throughout the marketplace. Southland's team grew from a handful of employees to a family of over 260 members. Southland Tube currently serves the metals service center industry nationwide, as well as select OEM customers, with the most popular ranges of HSS and mechanical pipe and tube.

Independence Tube was founded in 1972 and is a leading manufacturer of square, rectangular and round structural steel tubing. Independence Tube produces structural steel tubing from prime steel on the most advanced tube mill equipment in the industry. High-frequency welding techniques assure the ultimate in weld integrity. Structural steel tubing's ease of fabrication, high strength and pleasing appearance make it a "First Choice" material. Applications are as unlimited as the designer's imagination.

Independence Tube began in a 53,000-square-foot facility on the southwest side of Chicago. Today, it operates two divisions in Illinois (Chicago and Marseilles) and two divisions in Alabama (Decatur and Trinity). Combined operations comprise over 1,700,000 square feet under one roof and over 150 acres of property.

PRODUCT SPECIFICATIONS

Nucor Tubular Products Group is a leading manufacturer of carbon steel pipe and tubing. NTPG produces steel pipe and tube to ASTM specifications, including, but not limited to, A500, A513, A847, A252, and A1085. Square tubing is manufactured in sizes from ½" to 10" along with comparable rectangles. Wall thickness ranges from 18 gauge to ½" wall. Round tubing is available in sizes from 0.84" OD (½" pipe) through 12.75" OD (12" pipe). NTPG also manufactures Hollow Structural Steel (HSS) in sizes from 2" SQ through 12" SQ (plus corresponding rectangles) and rounds from 1.660" OD through 16" OD.

In addition, NTPG offers ASTM A53 Type E Grade B pipe, and ASTM A135/A795 Fire Protection Sprinkler Pipe is manufactured to the same commitment to quality that built the company over 40 years ago. ASTM A53 Standard Pipes are used for ordinary uses in conveyance of steam, water, gas, and air lines. It is suitable for welding, and suitable for forming operations involving coiling, bending,

TUBULAR PRODUCTS

OUR STORY



and flanging. ASTM A135/A795, used for Fire Protection Sprinkler Pipe, is also produced in Trinity, Alabama. All ASTM A53 and ASTM A135/A795 pipe has an exterior black coating and is treated with ITC MIC Guard to limit I.D. corrosion. ASTM A53 and ASTM A135/A795 is produced from 2" NPS through 8" NPS in schedules 10, 40 and 80. NTPG's ASTM A53 and ASTM A135/A795 is UL, C-UL and FM Listed and Approved.

SPECIFICATIONS

ASTM A500
ASTM A513
ASTM A252
ASTM A1085
ASTM A847
ASTM A53
ASTM A135/A795
CSAG40.2

VALUE-ADDED OFFERINGS

- In-house band saw cutting
- I.D. flash removal
- In-house mechanical properties testing
- Charpy V-notch testing
- Pipe beveling
- Miter cutting

ROLLING SCHEDULE

With a yearly published on-time rolling schedule second to none in the industry, you can manage your inventory more closely, knowing that material will be ready when promised. Nucor Tubular Products Group also offers Vendor Managed Inventory (VMI), Electronic Data Interchange (EDI) and bar coding, all of which have become very important services in the management of inventory and communications.

MARKETS

Nucor Tubular Products Group works with the service center industry, farm equipment manufacturers, construction, bridge, and light pole industries, to name a few, and is an active member of the American Institute of Steel Construction (AISC) and the Metals Service Center Institute (MSCI), the Farm Equipment Manufacturers Association (FEMA), the Pile Driving Contractors Association (PDCA) and the National Association of Pipe Distributors (NASPD). Its products can be purchased at steel service centers across North America.

PORTAL

NTPG offers the most comprehensive and customer-friendly interactive e-commerce portal in the industry. Customer-specific information is available online in real time, with secure access 24/7. Customers can browse and search stock inventory; order from floor stock or rollings; submit and view inquiries; receive notification via email when your order ships; release shipments; view open orders, bills of lading and test reports; view price sheets; and much, much more.

TUBULAR PRODUCTS

OUR STORY

REPUBLIC CONDUIT



Nucor acquired Republic Conduit in 2017 to further expand its presence in the pipe and tube market. For more than 85 years, Republic Conduit has manufactured the nation's premier steel electrical conduit. With manufacturing facilities in Louisville, Kentucky, and Cedar Springs, Georgia, Republic Conduit's 300 teammates operate five welding and three galvanizing lines to produce Electrical Metal Tubing (EMT), Intermediate Metal Conduit (IMC), and hot-dip galvanized Electrical Rigid Metal Conduit (ERMC) in a full range of trade sizes. Republic Conduit also offers EMT with features designed to reduce installation costs and avoid jobsite delays, including Inch-Mark,[®] Guide-Line,[®] Silverslick,[®] and diamond-knurled I.D.

HIGH QUALITY. COST EFFECTIVE. DOMESTIC.

Republic Conduit is the only conduit manufacturer in the United States to electrogalvanize EMT and IMC, resulting in protective zinc coatings that do not flake or chip when subjected to extreme stress. Electrogalvanizing also provides uniform galvanized protection to the entire tube—even the ends of the pipe commonly subject to exposure damage. Together, these features ensure smooth bends, consistent welds, and easy installs on the job site, minimizing time and money lost to replacing faulty product. Republic Conduit is also one of only two domestic manufacturers of Electrical Rigid Metal Conduit.

Some of the many benefits of steel conduit raceway from Republic Conduit are:

- Fire- and impact-resistant
- Chemical compatibility with concrete
- Complete recyclability
- Simple installation
- Physical and mechanical protection
- EMI shielding

Republic Conduit is synonymous with durable, safe and cost-effective electrical raceway products. When clients choose Republic Conduit, they get the job done right, the first time.

MARKETS

Our products are primarily used to protect and route electrical wiring in various nonresidential structures such as hospitals, schools, office buildings, hotels, stadiums, churches and shopping malls. The company also serves the power and industrial sectors. As a proud part of Nucor, Republic Conduit is committed to long-term investment and sustainable business.

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS ROUND & PIPE ASTM A500

SIZE (IN)	SCH	WALL	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL	
1.050" OD (0.75 NPS)	10	0.083	0.857					169*	
	40	0.113	1.131					169	
1.315" OD (1 NPS)	10	0.109	1.404					91*	
	40	0.133	1.679					91	
1.660" OD (1.25 NPS)	10	0.109	1.806		61			61	
	40	0.140	2.273		61			61	
	80	0.191	2.997					61	
1.750" OD		0.125	2.17		61*				
		0.134	2.31		61*				
1.900" OD (1.5 NPS)	10	0.109	2.085		61			61	
	40	0.145	2.718		61			61	
	80	0.200	3.631					61	
2.375" OD (2 NPS)	10	0.109	2.638		37		37	37*	
	40	0.154	3.653		37		37	37	
	42'	40	0.154	3.653		37		37	24
		80	0.218	5.020		37		37	37
	42'	80	0.218	5.020		37		37	24
2.875" OD (2.5 NPS)	10	0.120	3.531		24		24	24*	
	40	0.203	5.793		24		24	24	
	80	0.276	7.661		24		24	24	
3.000" OD		0.125	3.84		24*			24	
		0.188	5.65		24*			24	
		0.250	7.35		24*			24	
		0.313	8.98		24*				
3.500" OD (3 NPS)	10	0.120	4.332		19		19	19*	
		0.125	4.332					19	
		0.188	6.660					19	
	40	0.216	7.576		19		19	19	
		0.250	8.680					19	
	80	0.300	10.250		19		19	19	
4.000" OD (3.5 NPS)	10	0.120	4.973	10*	10		10		
		0.125	5.18	10*	10		10	10	
		0.188	7.66	10*	10		10	10	
	40	0.226	9.109	10*	10		10	10	
		0.250	10.02	10*	10		10	10	
		0.313	12.33	10*	10		10		
	80	0.318	12.51	10*	10		10	10	
		0.375	14.53	10*	10		10		

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS ROUND & PIPE ASTM A500 *(continued)*

SIZE (IN)	SCH	WALL	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL	
4.500" OD (4 NPS)	10	0.120	5.613		10		10		
		0.125	5.613					10	
		0.188	8.660					10	
	40	0.237	10.79		10		10	10	
		0.250	11.35					10	
		0.337	14.98		10		10	10	
5.000" OD		0.125	6.51	10*	10*			10	
		0.188	9.66	10*	10*			10	
		0.250	12.69	10*	10*			10	
		0.313	15.67	10*	10*				
		0.375	18.54	10*	10*				
5.500" OD		0.188	10.67	10*					
		0.250	14.02	10*					
		0.313	17.34	10*					
		0.375	20.53	10*					
5.563" OD (5 NPS)	10	0.134	7.77	10*					
	40	0.258	14.62	10*				10	
	80	0.375	20.78	10*				10	
6.000" OD		0.125	7.85	10*				10	
		0.188	11.68	10*				10	
		0.250	15.37	10*				10	
		0.313	19.02	10*					
		0.375	22.53	10*					
6.625" OD (6 NPS)		0.156	10.79	7*	7	7	7		
		0.188	12.92	7*	7	7	7		
		0.250	17.02	7*	7	7	7		
	40	0.280	18.97	7*	7	7	7	10	
		0.313	21.04		7	7	7		
		0.375	25.03		7	7	7		
	80	0.432	28.57		7	7		10	
		0.432	28.57		7	7		7	
0.500		32.71		7	7				
120		0.562	36.39		7	7			
7.000" OD		0.203	14.75		7				
		0.215	15.59		7				
		0.250	18.04		7				
		0.375	26.50		7				
8.625" OD (8 NPS)		0.188	16.94		7*	7*	7*		
	20	0.250	22.36		7	7	7		
		0.313	27.81		7*	7*	7*		
	40	0.322	28.55		7	7	7	7	
		0.375	33.04		7*	7*	7*		
	80	0.500	43.39		7	7		7	
		80	0.500	43.39		2	2		5
		100	0.594	50.87		2	2		
		0.625	53.45		2*	2*			

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS ROUND & PIPE ASTM A500 *(continued)*

SIZE (IN)	SCH	WALL	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL	
9.625" OD (9 NPS)		0.250	25.05		2*				
		0.313	31.16		2*				
	STD	0.342	33.94		2*				
	EXH	0.500	48.77		2*				
10.750" OD (10 NPS)	20	0.250	28.06		2	2			
	40	0.365	40.48		2	2		7	
	42'	40	0.365	40.48		2	2		5
			0.375	41.59		2*	2*		
	42'	EXH	0.500	54.74		2	2		5
		EXH	0.500	54.74		2	2		2
		80	0.593	64.33		2	2		
			0.625	67.65		2*	2*		
12.000" OD		0.250							
		0.313							
		0.375							
		0.500							
12.750" OD (12 NPS)	20	0.250	33.38		2	2*			
		0.313	41.61		2*	2*			
	STD	0.375	49.56		2	2		2	
	40	0.406	53.53		2	2*			
	EXH	0.500	65.42		2	2		2	
	60	0.562	73.16		2*	2*			
		0.625	81.01		2*	2*			
	80	0.687	88.51		2	2*			
14.000" OD (14 NPS)	10	0.250	36.71			2*			
		0.312	45.61			2*			
	STD	0.375	54.57			2*			
	EXH	0.500	72.09			2*			
		0.625	89.36			2*			
16.000" OD (16 NPS)		0.219				2*			
	10	0.250				2*			
	STD	0.375				2*			
	EXH	0.500				2*			
		0.625				2*			

*Subject to Accumulation

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
1 1/2" SQ	3/16	3.04					45
	1/4	4.11					45
1 3/4" SQ	3/16	3.68					64
2" SQ 40'	1/8	3.05	25	25		25	49
	1/8	3.05	25	25		25	35
	3/16	4.32	25	25		25	35
	1/4	5.41	25	25		25	30
	5/16	6.32	25			25	
2 1/2" X 1 1/2"	1/8	3.05			24*		54
	3/16	4.32			24*		36
	1/4	5.41			24*		30
3" X 1"	1/8	3.05					50*
2 1/4" SQ	1/8	3.48	25*				
	3/16	4.96	25*				
	1/4	6.25	25*				
	5/16	7.38	25*				
3" X 1 1/2"	1/8	3.48	24				50
	3/16	4.96	24				
	1/4	6.25	24				
	5/16	7.38	24				
2 1/2" SQ 40'	1/8	3.9	25	25		25	36
	1/8	3.9	25	25		25	24
	3/16	5.59	25	25		25	24
	1/4	7.11	25	25		25	24
	5/16	8.43	25	25		25	
3" X 2" 40'	1/8	3.9	25	25		25	35
	1/8	3.9	25	25		25	25
	3/16	5.59	25	25		25	25
	1/4	7.11	25	25		25	25
	5/16	8.43	25	25		25	
3 1/2" X 1 1/2"	1/8	3.9	24				
	3/16	5.59	24				
	1/4	7.11	24				
	5/16	8.43	24				
3" SQ 40'	1/8	4.75	25	25		25	25
	1/8	4.75	25	25		25	20
	3/16	6.87	25	25		25	20
	1/4	8.81	25	25		25	20
	1/4	8.81	25	25		25	15
	5/16	10.58	20	20		20	
	3/8	12.16	20	20		20	
	3/8	12.16	16	16		16	

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL	
3 1/2" X 2 1/2"	1/8	4.75					30*	
	3/16	6.87					16*	
	1/4	8.81					16*	
4" X 2"	1/8	4.75	24	24		24	18	
	3/16	6.87	24	24		24	18	
	1/4	8.81	24	24		24	18	
	48'	5/16	10.58	24	24		24	
		5/16	10.58	18	18		18	
		3/8	12.16		24			
3 1/2" SQ	1/8	5.61	25	25	25	25	16	
	40'	1/8	5.61	25	25	25	25	12
		3/16	8.15	25	25	25	25	12
		1/4	10.51	20	20	20	20	12
	48'	5/16	12.7	20	20	20	20	
		5/16	12.7	20	20	20	20	
48'	3/8	14.71	16	16	16	16		
48'	3/8	14.71	12	12	12	12		
4" X 3"	1/8	5.61	25	25		25	12	
	3/16	8.15	25	25		25	12	
	1/4	10.51	20	20		20	12	
	5/16	12.7	20	20		20		
	5/16	12.7	16	16		16		
	3/8	14.71	16	16		16		
5" X 2" SQ	1/8	5.61	18			18	18	
	3/16	8.15	18	18		18	18	
	1/4	10.51	18	18		18	15	
	48'	5/16	12.7	18	18		18	
		5/16	12.7	15	15			
		3/8	14.71		18		15	
4" SQ	1/8	6.46	20	20		20	12	
	3/16	9.42	20	20		20	12	
	48'	1/4	12.21	20	20		20	12
		1/4	12.21	16	12		12	12
		5/16	14.83	12	12		12	12
	3/8	17.27	12	12		12	12	
	40'	1/2	21.63		9	9		12
		1/2	21.63		9	9		9
5" X 3"	1/8	6.46	20	20		20	12	
	3/16	9.42	20	20		20	12	
	1/4	12.21	20	20		20	12	
	48'	1/4	12.21	16	16		16	12
		5/16	14.83	12	12		12	12
		3/8	17.27	12	12		12	12
	1/2	21.63		9	9			
6" X 2"	1/8	6.46	18	18		18	12	
	3/16	9.42	18	18		18	12	
	1/4	12.21	18	18		18	12	
	5/16	14.83	15	15		15	12	
	3/8	17.27	12	12		12	12	

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
4 1/2" SQ	1/8	7.31	16*				
	3/16	10.7	16*				
	1/4	13.91	16*				
48'	1/4	13.91	12*				
	5/16	16.96	12*				
	3/8	19.82	12*				
48'	3/8	19.82	9*				
5" X 4"	1/8	7.31	16*				
	3/16	10.7	16*				
	1/4	13.91	16*				
48'	1/4	16.96	12*				
	5/16	16.96	12*				
	3/8	19.82	12*				
48'	3/8	19.82	9*				
6" X 3"	1/8	7.31	15*				8
	3/16	10.7	15*				8
	1/4	13.91	15*				8
48'	5/16	16.96	15*				
	5/16	16.96	12*				
	3/8	19.82	12*				
48'	3/8	19.82	9*				
7" X 2"	1/8	7.31	12				
	3/16	10.7	12				
	1/4	13.91	12				
	5/16	16.96	12				
5" SQ	1/8	8.16	16	16	16		9
	3/16	11.97	16	16	16		9
	1/4	15.62	16	16	16		9
48'	1/4	15.62	12	12	12		9
	5/16	19.08	12	12	12		9
48'	5/16	19.08	9	9	9		9
	3/8	22.37	9	9	9		9
	1/2	28.43		6			6
6" X 4"	1/8	8.16	12	12*	12*		12*
40'	1/8	8.16	12	12	12		9*
	3/16	11.97	12	12	12		12
40'	3/16	11.97	12	12	12		9
	1/4	15.62	12	12	12		12
40'	1/4	15.62	12	12	12		9
	5/16	19.08	12	12	12		12
40'	5/16	19.08	12	12	12		9
48'	5/16	19.08	9	9	9		9
	3/8	22.37	9	9	9		9
	1/2	28.43		6			9
40'	1/2	28.43		6			6

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
7" X 3"	1/8	8.16	10	10*	10*		
	3/16	11.97	10	10*	10*		
	1/4	15.62	10	10*	10*		
	5/16	19.08	10	10*	10*		
	3/8	22.37	10	10*	10*		
48'	3/8	22.37	8	8*	8*		
8" X 2"	1/8	8.16	10	10	10		
	3/16	11.97	10	10	10		8
	1/4	15.62	10	10	10		8
	5/16	19.08	10	10	10		8*
	3/8	22.37	10	10	10		8
48'	3/8	22.37	8	8	8		8
5 1/2" SQ	1/8	9.01	9*				
	3/16	13.25	9*				
	1/4	17.32	9*				
	5/16	21.21	9*				
	3/8	24.93	9*				
	3/8	24.93	9*				
6" X 5"	1/8	9.01	9*				
	3/16	13.25	9*				
	1/4	17.32	9*				
	5/16	21.21	9*				
	3/8	24.93	9*				
48'	3/8	24.93	6*				
7" X 4"	1/8	9.01	8				
	3/16	13.25	8				
	1/4	17.32	8				
	5/16	21.21	8				
	3/8	24.93	8				
8" X 3"	1/8	9.01	10				
	3/16	13.25	10				
	1/4	17.32	10				
	5/16	21.21	10				
	3/8	24.93	10				
48'	3/8	24.93	8				
6" SQ	1/8	9.86	9	9	9		
	3/16	14.53	9	9	9		9
	1/4	19.02	9	9	9		9
	5/16	23.34	9	9	9		9
	40'	5/16	23.34	9	9	9	
	3/8	27.48	9	9	9		9
40'	3/8	27.48	9	9	9		6
48'	3/8	27.48	6	6	6		6
	1/2	35.24	6	6	6		6
48'	1/2	35.24	6	6	6		4
	5/8	42.3	6	6	6		

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
7" X 5"	1/8	9.86	9	9	9		
	3/16	14.53	9	9	9		9*
	1/4	19.02	9	9	9		9*
	5/16	23.34	9	9	9		9*
40'	5/16	23.34	9	9	9		6*
	3/8	27.48	9	9	9		6*
48'	3/8	27.48	6	6	6		6*
	1/2	35.24	6	6	6		6*
40'	1/2	35.24	6	6	6		4*
8" X 4"	1/8	9.86	8	8	8		
	3/16	14.53	8	8	8		12
40'	3/16	14.53	8	8	8		8
	1/4	19.02	8	8	8		12
40'	1/4	19.02	8	8	8		8
	5/16	23.34	8	8	8		12
40'	5/16	23.34	8	8	8		6
	3/8	27.48	8	8	8		12
40'	3/8	27.48	8	8	8		6
	3/8	27.48	6	6	6		6
48'	1/2	35.24		6	6		6
	1/2	35.24		6	6		4
10" X 2"	5/8	42.3		6	6		
	3/16	14.53		8	8		
	1/4	19.02		8	8		
	5/16	23.34		8	8		
7" SQ	3/8	42.3		8	8		
	1/8	11.54		6*	6*		
	3/16	17.08		6	6		9
	3/16	17.08		6	6		6
40'	1/4	22.42		6	6		9
	1/4	22.42		6	6		6
40'	5/16	27.59		6	6		9
	5/16	27.59		6	6		6
40'	3/8	32.58		6	6		9
	3/8	32.58		6	6		6
40'	1/2	42.05		6	6		6
	1/2	42.05		6	6		4
8" X 6"	5/8	50.81		4	4		
	1/8	11.54		6*	6*		
	3/16	17.08		6	6		6*
	1/4	22.42		6	6		6
40'	5/16	27.59		6	6		6
	3/8	32.58		6	6		9
	3/8	32.58		6	6		6
	1/2	42.05		6	6		4
40'	1/2	42.05		6	6		
	5/8	50.81		4	4		

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL	
9" X 5"	3/16	17.08			6*			
	1/4	22.42			6*			
	5/16	27.59			6*			
	3/8	32.58			6*			
	1/2	42.05			6*			
	5/8	50.81			6*			
10" X 4"	3/16	17.08		6	6		6	
	1/4	22.42		6	6		9	
	40'	1/4	22.42		6	6		6
		5/16	27.59		6	6		6
	40'	3/8	32.58		6	6		9
		3/8	32.58		6	6		6
1/2		42.05		6	6		4	
12" X 2"	3/16	17.08		8*	8*			
	1/4	22.42		8*	8*			
	5/16	27.59		8*	8*			
	5/16	32.58		8*	8*			
8" SQ	1/8	13.27		4	4			
	3/16	19.63		4	4		9	
	40'	3/16	19.63		4	4		6
		1/4	25.82		4	4		9
	40'	1/4	25.82		4	4		6
		5/16	31.84		4	4		9
	40'	5/16	31.84		4	4		6
		3/8	37.69		4	4		9
	40'	3/8	37.69		4	4		6
		3/8	37.69		4	4		4
	40'	1/2	48.85		4	4		6
		1/2	48.85		4	4		4
5/8		59.32		4	4			
9" X 7"	3/16	19.63		4*				
	1/4	25.82		4*				
	5/16	31.84		4*				
	3/8	37.69		4*				
	1/2	48.85		4*				
	5/8	59.32		4*				
10" X 6"	3/16	19.63		4	4		6*	
	1/4	25.82		4	4		6	
	5/16	31.84		4	4		6	
	3/8	37.69		4	4		6	
	48'	3/8	37.69		4	4		4
		1/2	48.85		4	4		4
5/8		59.32		4	4			

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
12" X 4"	3/16	19.63		4	4		8
	40'	3/16	19.63		4	4	6
40'	1/4	25.82		4	4		8
	1/4	25.82		4	4		6
48'	5/16	31.84		4	4		6
	3/8	37.69		4	4		6
	3/8	37.69		4	4		4
40'	1/2	48.85		4	4		6
	1/2	48.85		4	4		4
9" SQ	3/16	22.18		4*	4*		9*
40'	3/16	22.18		4*	4*		6*
	1/4	29.23		4*	4*		9*
40'	1/4	29.23		4*	4*		6*
	5/16	36.1		4*	4*		6*
40'	5/16	36.1		4*	4*		4*
	3/8	42.79		4*	4*		6*
40'	3/8	42.79		4*	4*		4*
	1/2	55.66		4*	4*		6*
40'	1/2	55.66		4*	4*		4*
	1/2	55.66		4*	4*		2*
48'	5/8	67.82		2*	2*		
10" X 8"	3/16	22.18		4	4		6*
	1/4	29.23		4	4		6
40'	5/16	36.1		4	4		6*
	5/16	36.1		4	4		4*
40'	3/8	42.79		4	4		4
	1/2	55.66		4	4		6
40'	1/2	55.66		4	4		2
	5/8	67.82		2	2		
12" X 6"	3/16	22.18		4	4		8*
	40'	3/16	22.18		4	4	6*
40'	1/4	29.23		4	4		6
	5/16	36.1		4	4		6
48'	5/16	36.1		4	4		4
	3/8	42.79		4	4		6
40'	3/8	42.79		4	4		4
	1/2	55.66		4	4		6
40'	1/2	55.66		4	4		4
	1/2	55.66		4	4		2
48'	1/2	55.66		4	4		
	5/8	67.82		2	2		
14" X 4"	1/4	29.23			3*		
	5/16	36.1			3*		
48'	3/8	42.79			3*		
	3/8	42.79			3*		
48'	1/2	55.66			3*		
	1/2	55.66			3*		
48'	5/8	67.82			3*		
	5/8	67.82			3*		

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
10" SQ	1/8	14.7		4*	4*		
	3/16	24.73		4	4		9
40'	3/16	24.73		4	4		4
	1/4	32.63		4	4		9
40'	1/4	32.63		4	4		4
	5/16	40.35		4	4		9
40'	5/16	40.35		4	4		4
	3/8	47.9		4	4		6
40'	3/8	47.9		4	4		4
	1/2	62.46		4	4		6
40'	1/2	62.46		4	4		4
48'	1/2	62.46		2	2		2
	5/8	76.33		2	2		
12" X 8"	3/16	24.73		4*	4*		6*
	1/4	32.63		4	4		6
	5/16	40.35		4	4		6*
40'	5/16	40.35		4	4		4*
	3/8	47.9		4	4		6
40'	3/8	47.9		4	4		4
	1/2	62.46		4	4		6
40'	1/2	62.46		4	4		4
48'	1/2	62.46		2	2		2
	5/8	76.33		2	2		
14" X 6"	3/16	24.73			3*		4*
	1/4	32.63			3*		4*
	5/16	40.35			3*		4*
40'	3/8	47.9			3*		4*
	3/8	47.9			3*		2*
40'	1/2	62.46			3*		4*
	1/2	62.46			3*		2*
48'	5/8	76.33			3*		
	5/8	76.33			2*		
16" X 4"	1/4	32.63			4*		
	5/16	40.35			4*		
	3/8	47.9			4*		
48'	3/8	47.9			4*		
	1/2	62.46			3*		
48'	1/2	62.46			3*		
	5/8	76.33			2*		
48'	5/8	76.33			2*		
12" SQ	1/4	39.43			4		
	5/16	48.86			4		
	3/8	58.1			4		
48'	3/8	58.1			2		
	1/2	76.07			4		
48'	1/2	76.07			2		
	5/8	93.36			4		

*Subject to Accumulation

continued

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

HSS SQUARE & RECTANGLE ASTM A500 *(continued)*

SIZE (IN)	GA	WGT PER FT	CHICAGO PCS/BDL	MARSEILLES PCS/BDL	DECATUR PCS/BDL	TRINITY PCS/BDL	BIRMINGHAM PCS/BDL
14" X 10"	1/4	39.43			2*		
	5/16	48.86			2*		
	3/8	58.1			2*		
	1/2	76.07			2*		
	5/8	93.36			2*		
16" X 8"	1/4	39.43			3*		
	5/16	48.86			3*		
	3/8	58.1			3*		
	1/2	76.07			3*		
	5/8	93.36			3*		
48'	1/2	76.07			1*		
	5/8	93.36			3*		
48'	5/8	93.36			2*		

*Subject to Accumulation

ASTM A53 (STANDARD PIPE)

NPS	ACTUAL OD	SCHEDULE	WALL	WT/FT	TRINITY PCS/BDL
2"	2.375"	40	0.154"	3.65	24
		80	0.218"	5.02	24
2 1/2"	2.875"	40	0.203"	5.79	19
		80	0.276"	7.66	19
3"	3.500"	40	0.216"	7.58	13
		80	0.300"	10.25	13
4"	4.500"	40	0.237"	10.79	10
		80	0.337"	14.98	10
6"	6.625"	40	0.280"	18.99	7
8"	8.625"	40	0.322"	28.58	5

ASTM A153/A795 (FIRE PROTECTION SPRINKLER PIPE)

NPS	SCHEDULE	NOM OD	NOM ID	NOM WALL	WT/FT	TRINITY PCS/BDL
2"	10	2.375"	2.157"	0.109"	2.64	37
2 1/2"	10	2.875"	2.635"	0.120"	3.53	29
3"	10	3.500"	3.260"	0.120"	4.34	19
4"	10	4.500"	4.260"	0.120"	5.62	19
6"	10	6.625"	6.357"	0.134"	9.30	10
8"	10	8.625"	8.249"	0.188"	16.96	7

TUBULAR PRODUCTS

OUR PRODUCTS

INDEPENDENCE TUBE & SOUTHLAND TUBE PRODUCTS

SQUARE & RECTANGLE ASTM A513

SIZE (IN)	GA	WALL	WGT/FT	BIRMINGHAM PCS/BDL
1/2" SQ	16	0.065"	0.385	200*
3/4" SQ	16	0.065"	0.606	165
	14	0.083"	0.753	165
	11	0.120"	1.028	165
1" SQ	16	0.065"	0.827	100
	15	0.072"	0.909	100
	14	0.083"	1.035	100
	11	0.120"	1.436	100
1 1/4" SQ	16	0.065"	1.048	100
	14	0.083"	1.317	100
	11	0.120"	1.844	100
1 1/2" X 1"	16	0.065"	1.048	70
	14	0.083"	1.317	70
	11	0.120"	1.844	70
1 1/2" SQ	16	0.065"	1.269	81
	14	0.083"	1.600	81
	11	0.120"	2.252	81
2" X 1"	16	0.065"	1.269	50
	14	0.083"	1.600	50
	11	0.120"	2.252	50
1 3/4" SQ	16	0.065"	1.490	64*
	14	0.083"	1.882	64
	11	0.120"	2.660	64
2" SQ	16	0.065"	1.711	49
	14	0.083"	2.164	49
2 1/2" X 1 1/2"	16	0.065"	1.711	54*
	14	0.083"	2.164	54
3" X 1"	16	0.065"	1.711	50
	14	0.083"	2.164	50
3" X 1 1/2"	14	0.083"	2.446	50
2 1/2" SQ	14	0.083"	2.728	36
3" X 2"	14	0.083"	2.728	35
3" SQ	14	0.083"	3.293	25
4" X 2"	14	0.083"	3.293	18

*Subject to Accumulation

ROUND ASTM A513 (MECHANICAL)

SIZE (INCHES)	GA	WALL	WGT/FT	BIRMINGHAM PCS/BDL
1" OD	16	0.065"	0.6491	169
	14	0.083"	0.8129	169
	11	0.120"	1.1280	169
1 1/4" OD	16	0.065"	0.8226	91
	14	0.083"	1.0345	91
	11	0.120"	1.4482	91
1 1/2" OD	16	0.065"	0.9962	61
	14	0.083"	1.2561	61
	11	0.120"	1.7690	61
2" OD	16	0.065"	1.3433	61
	14	0.083"	1.6993	61
	11	0.120"	2.4094	61

TUBULAR PRODUCTS

OUR PRODUCTS

REPUBLIC CONDUIT PRODUCTS

EMT

TRADE SIZE DESIGNATOR		OUTSIDE DIAMETER (OD)		NOMINAL INSIDE DIAMETER		FEET/BUNDLE	BUNDLES/LIFT	STANDARD LIFT				TAPE COLOR
US	Metric	IN	mm	IN	mm			Feet	m	Lbs	kg	
1/2"	16	0.706	17.93	0.622	15.80	100	70	7,000	2,135	2,100	952.4	BLACK
3/4"	21	0.922	23.42	0.824	21.00	100	50	5,000	1,525	2,300	1,043.1	RED
1"	27	1.163	29.54	1.049	26.60	100	30	3,000	915	2,010	911.6	BLUE
1 1/4"	35	1.510	38.35	1.380	35.05	50	40	2,000	610	2,020	916.1	RED
1 1/2"	41	1.740	44.20	1.610	40.89	50	30	1,500	457.5	1,740	789.1	BLACK
2"	53	2.197	55.80	2.067	52.50			1,200	366	1,775	805.4	
2 1/2"	63	2.875	73.03	2.731	69.36			610	186.1	1,318	597.7	
3"	78	3.500	88.90	3.356	85.24			510	155.6	1,341	608.2	
3 1/2"	91	4.000	101.6	3.834	97.38			370	112.9	1,291	585.5	
4"	103	4.500	114.3	4.334	110.08			300	91.5	1,179	534.7	

EMT COLOR

TRADE SIZE DESIGNATOR		OUTSIDE DIAMETER (OD)		NOMINAL INSIDE DIAMETER		FEET/BUNDLE	BUNDLES/LIFT	STANDARD LIFT				TAPE COLOR
US	Metric	IN	mm	IN	mm			Feet	m	Lbs	kg	
1/2"	16	0.706	17.93	0.622	15.80	100	35	3,500	1,068	1,050	476.2	BLACK
3/4"	21	0.922	23.42	0.824	21.00	100	25	2,500	763	1,150	521.6	RED
1"	27	1.163	29.54	1.049	26.60	100	15	1,500	458	1,005	455.8	BLUE
1 1/4"	35	1.510	38.35	1.380	35.05	50	40	2,000	610	2,020	916.1	RED
1 1/2"	41	1.740	44.20	1.610	40.89	50	30	1,500	457.5	1,740	789.1	BLACK
2"	53	2.197	55.80	2.067	52.50			1,200	366	1,775	805.4	
2 1/2"	63	2.875	73.03	2.731	69.36			610	186.1	1,318	597.7	
3"	78	3.500	88.90	3.356	85.24			510	155.6	1,341	608.2	
3 1/2"	91	4.000	101.6	3.834	97.38			370	112.9	1,291	585.5	
4"	103	4.500	114.3	4.334	110.08			300	91.5	1,179	534.7	

TUBULAR PRODUCTS

OUR PRODUCTS

REPUBLIC CONDUIT PRODUCTS

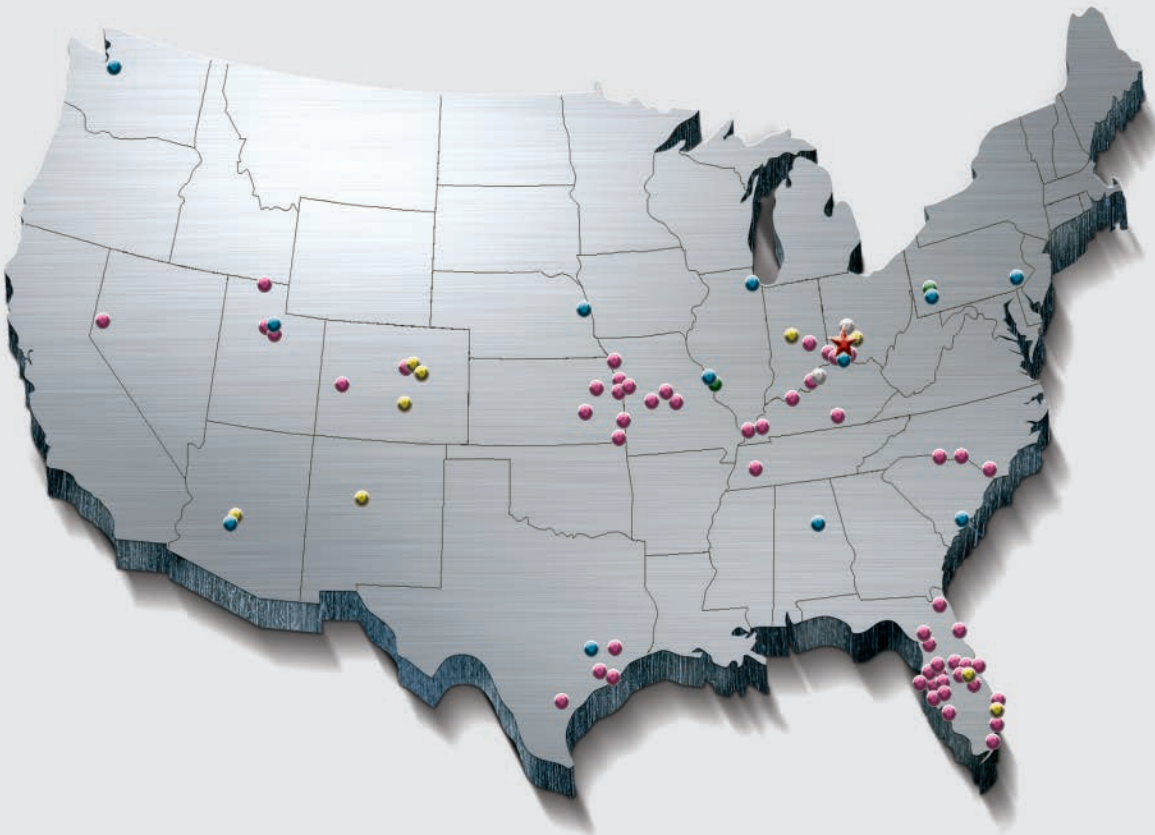
IMC (INTERMEDIATE METAL CONDUIT)

TRADE SIZE DESIGNATOR		OUTSIDE DIAMETER (OD)				WALL THICKNESS				FEET/ BUNDLE	BUNDLES/ LIFT	STANDARD LIFT				LENGTH WITHOUT COUPLING	CAP COLOR
US	Metric	Minimum		Maximum		Minimum		Maximum				Feet	m	Lbs	kg		
1/2"	16	0.810	20.57	0.820	20.83	0.070	1.78	0.085	2.16	100	35	3500	1067.5	2170	984.1	9' 11 1/4"	YELLOW
3/4"	21	1.024	26.01	1.034	26.26	0.075	1.91	0.090	2.29	50	50	2500	752.5	2100	952.4	9' 11 1/4"	GREEN
1"	27	1.285	32.64	1.295	32.89	0.085	2.16	0.100	2.54	50	34	1700	518.5	2023	917.5	9' 11"	ORANGE
1 1/4"	35	1.630	41.4	1.645	41.78	0.085	2.16	0.100	2.54			1350	411.8	2133	967.3	9' 11"	GREEN
1 1/2"	41	1.875	47.63	1.890	48.01	0.090	2.29	0.105	2.67			1100	335.5	2134	967.8	9' 11"	YELLOW
2"	53	2.352	59.74	2.367	60.12	0.095	2.41	0.110	2.79			800	244	2048	928.8	9' 11"	ORANGE
2 1/2"	63	2.847	72.31	2.867	72.82	0.140	3.56	0.160	4.06			370	112.9	1632	740.1	9' 10 1/2"	YELLOW
3"	78	3.466	88.04	3.486	88.54	0.140	3.56	0.160	4.06			300	91.5	1629	738.8	9' 10 1/2"	ORANGE
3 1/2"	91	3.961	100.61	3.981	101.12	0.140	3.56	0.160	4.06			240	73.2	1510	684.8	9' 10 1/4"	YELLOW
4"	103	4.456	113.18	4.476	113.69	0.140	3.56	0.160	4.06			240	73.2	1680	761.9	9' 10 1/4"	ORANGE

GRC (ELECTRICAL RIGID METAL CONDUIT-STEEL)

TRADE SIZE DESIGNATOR		OUTSIDE DIAMETER (OD)		NOMINAL INSIDE DIAMETER		FEET/ BUNDLE	BUNDLES/ LIFT	STANDARD LIFT				LENGTH WITHOUT COUPLING	CAP COLOR
US	Metric	IN	mm	IN	mm			Feet	m	Lbs	kg		
1/2"	16	0.840	21.34	0.622	15.80	100	25	2,500	762.5	2,050	931.3	9' 11 1/4"	BLACK
3/4"	21	1.050	26.67	0.824	20.93	50	40	2,000	610.0	2,180	990.4	9' 11 1/4"	RED
1"	27	1.315	33.4	1.049	26.64	50	25	1,250	381.3	2,013	914.5	9' 11"	BLUE
1 1/4"	35	1.660	42.16	1.380	35.05			900	274.5	1,962	891.3	9' 11"	RED
1 1/2"	41	1.900	48.26	1.610	40.89			800	244.0	2,104	955.9	9' 11"	BLACK
2"	53	2.375	60.33	2.067	52.50			600	183.0	2,100	954.0	9' 11"	BLUE
2 1/2"	63	2.875	73.03	2.469	62.71			370	112.9	2,068	939.5	9' 10 1/2"	BLACK
3"	78	3.500	88.90	3.068	77.93			300	91.5	2,181	990.8	9' 10 1/2"	BLUE
3 1/2"	91	4.000	101.6	3.548	90.12			250	76.3	2,200	999.5	9' 10 1/4"	BLACK
4"	103	4.500	114.3	4.026	102.26			200	61.0	2,060	935.9	9' 10 1/4"	BLUE
5"	129	5.563	141.3	5.047	128.19			150	45.8	2,100	954.0	9' 10"	BLUE
6"	155	6.625	168.28	6.065	154.05			100	30.5	1,840	835.9	9' 10"	BLUE

RAW MATERIALS



Office in Hong Kong not shown.

- ★ CORPORATE HQ
- RECYCLING SITES
- SELF-SERVICE AUTO PARTS
- DISTRICT OFFICES
- SCRAP MANAGEMENT
- RAIL EQUIPMENT



BROKERAGE

RECYCLING

SCRAP MANAGEMENT

TRANSPORTATION

ADVANTAGE METALS
RECYCLING

METAL RECYCLING
SERVICES

RIVER METALS
RECYCLING

TEXAS PORT
RECYCLING

TRADEMARK METALS
RECYCLING

U-PULL-&-PAY

WESTERN METALS
RECYCLING

SUMMARY

LOCATION

www.djj.com

CORPORATE OFFICE

The David J. Joseph Company

300 Pike Street

Cincinnati, Ohio 45202

Phone: 513-419-6200

Fax: 513-419-6224

SEGMENTS

Since 1885, DJJ has built its reputation on innovation, integrity, quality and reliability. Based on these cornerstones, DJJ is America's oldest, most experienced scrap trading, recycling and logistics company.

BROKERAGE

- One of the largest scrap brokers in the United States
- Extensive trading in international markets
- Most experienced scrap metals brokerage team in the industry

FERROUS BROKERAGE

Routinely deals with several thousand domestic and international producers and consumers of scrap and scrap substitutes.

METALS (NONFERROUS) BROKERAGE

- Aluminum, copper, brass, nickel and stainless products trading
- Commercial activities include the production, sale and trading of value-added products such as re-melt specification sows (RSI), primary and secondary alloys, and deox

FERRO-ALLOY GROUP

- Complete line of ferro-alloys and specialty pig iron grades
- Serving the North American steel and foundry industries worldwide

FREIGHT MANAGEMENT

- Negotiate freight rates by reviewing every competitive option
- Manages an advanced, web-based transportation network that includes over 80,000 current rates for rail, trucks and barges

RECYCLING

DJJ is organized into 6 regional scrap recycling companies covering the U.S., with the capacity to sort and recycle over 5 million tons of scrap each year. DJJ also operates 9 self-service used auto part U-Pull-&-Pay stores.

RECYCLING OPERATIONS/FACILITIES

REGION

ADVANTAGE METALS RECYCLING

MO, KS

METAL RECYCLING SERVICES

NC

RIVER METALS RECYCLING

KY, OH, IL, IN, TN

TEXAS PORT RECYCLING

TX

TRADEMARK METALS RECYCLING

FL

WESTERN METALS RECYCLING

CO, UT, NV

• Ferrous

Shredding, baling, shearing and sorting

• Nonferrous

Wire reclaiming, briquetting, shearing, sorting alloys, custom packaging, and fulfillment of converting and tolling arrangements

• Services

Mobile crushing, mobile baling, demolition services, landfill services, barge cutting, mill services, and transportation and container delivery/pick-up

SELF-SERVICE AUTO PARTS

U-PULL-&-PAY

AZ, CO, FL, IN, NM, OH

Operates 9 self-serve used auto parts stores

TRANSPORTATION

With over 9 decades in the railcar business, we understand the importance of transportation and long-term relationships.

RAILCAR SALES & LEASING

Acquires, leases and sells a variety of new and used railcars

RAILCAR DISMANTLING & PARTS

Railcar dismantling and parts reclamation

PRIVATE RAILCAR FLEET

Manages one of the largest independent fleets of open-top gondola railcars in the business to ensure reliable, timely delivery

RAILCAR MAINTENANCE SERVICE

Inspects a variety of railcar types and provides design, modifications, and car life extensions

SCRAP MANAGEMENT

DJJ works with manufacturers to optimize revenue received for industrial scrap metal generated.

- Processing, arranging transportation and marketing scrap generated by industrial companies of all sizes
- Gemini, DJJ's joint venture with Ferrous Processing & Trading (FPT), offers turnkey scrap recycling solutions to commercial and industrial companies

RAW MATERIALS

THE PURCHASE OF THE DAVID J. JOSEPH COMPANY IN 2008 WAS THE LARGEST ACQUISITION IN NUCOR'S HISTORY. WITH THE DJJ AND SUBSEQUENT ACQUISITIONS, NUCOR'S ANNUAL SCRAP PROCESSING CAPACITY HAS GROWN TO OVER 5,000,000 TONS. BUT DJJ IS NOT JUST A SCRAP TRADING AND RECYCLING COMPANY; DJJ IS ALSO A NONFERROUS METAL RECYCLER, TRANSPORTATION SPECIALIST AND INTERNATIONAL MARKETER OF SCRAP AND SUBSTITUTES. DJJ IS A FULL-SERVICE SUPPLIER OF VALUE-ADDED METALLIC RAW MATERIAL SOURCING STRATEGIES.



ONE OF THE WORLD'S LARGEST SCRAP METAL BROKERS AND RECYCLERS**FERROUS BROKERAGE**

DJJ is one of the largest scrap brokers in the United States and trades extensively in international markets as well. Our sophisticated communication network gives traders access to scrap availability, up-to-the-minute price quotes and our transportation database of over 80,000 active freight rates.

DJJ operates 11 domestic offices and an international ferrous brokerage office. Combined, these are staffed with over 35 full-time traders, who are the vital link between the producers and the consumers of scrap and scrap substitutes. We know who is buying and selling what kinds of scrap where, when and for how much. The most successful and progressive scrap consumers rely on DJJ to supply metallic raw materials for their operations.

DJJ continuously develops new supplies of scrap and scrap substitutes for our customers — from the smallest foundries to the largest steel producers — and is the leader in developing offshore metallic sources for U.S. markets. DJJ uses its brokerage and transportation know-how to successfully move recycled metal throughout the U.S., Canada, the Caribbean, South America, Western Europe, CIS/Russia, Turkey, Asia, South Africa, Mexico and beyond.

DJJ routinely deals with a growing network of suppliers including small, family-owned scrap processors and large, worldwide industrial corporations.

METALS GROUP

DJJ provides solutions to the nonferrous metals industry through its Metals Group, for which the 130-year heritage of financial strength, dependability and reliability is the cornerstone. The Metals Group, headquartered in Cincinnati with offices in Charleston, Philadelphia, Salt Lake City and Hong Kong, is staffed with traders who handle aluminum, copper, brass, nickel and stainless products. The Metals Group serves as the nonferrous marketing arm of DJJ's Recycling Group and its network of nearly 60 yards. DJJ's traders are in regular contact with producers and consumers of metals around the world.

DJJ's aluminum transactions include all aluminum scrap grades, primary alloys, secondary aluminum alloys, RSI toll conversion, heavy media, drosses, industrial scrap, class scrap and deox conversion.

Our growing network of suppliers includes small family-owned scrap processing yards as well as large global industrial companies.

DJJ's metals scrap customers include common alloy sheet mills, can sheet mills, extruders, steel mills and plate mills that consume aluminum, copper, brass and nickel scrap, cathode and dross. Using our trading expertise, we buy and sell scrap around the globe.

DJJ has been recognized for its high level of customer service, quality products and continual improvement with ISO 9001-2008 Quality Management System Certification.



Long-term business relationships based on honesty, integrity, innovation and financial strength, and our continuous commitment to our customers, products and value-added services help differentiate DJJ from other companies.

FERRO-ALLOY GROUP

The DJJ Ferro-Alloy Group markets over 15 different ferro-alloy products and specialty pig iron grades. DJJ and Nucor work cooperatively, partnering with producers and traders worldwide to supply the North American steel and foundry markets. The DJJ Ferro-Alloy Group is ISO 9001:2008 certified with trading offices in Cincinnati, OH; Chicago, IL and Pittsburgh, PA.

SCRAP RECYCLING

DJJ comprises a network of nearly 60 scrap recycling facilities in the United States. We are organized into six regional companies:

- Advantage Metals Recycling: Missouri, Kansas
- Metal Recycling Services: North Carolina
- River Metals Recycling: Kentucky, Ohio, Illinois, Indiana
- Texas Port Recycling: Texas
- Trademark Metals Recycling: Florida
- Western Metals Recycling: Colorado, Utah, Nevada

These full-service metals recyclers buy, sell and process automobiles, aluminum, copper, steel and cast iron, stainless steel, high-temperature alloys, sheet iron, appliances, industrial discards and other grades of ferrous and nonferrous metals.

Fifteen of these plants focus on automobile shredding, utilizing a combination of time-tested and innovative new processes to extract the maximum value from ferrous and nonferrous scrap metal. Always environmentally sensitive, our recycling plants exceed today's tough environmental standards.

We also assist the public and private sectors with ecologically sound, economically productive recycling of metals recovered from municipal solid waste. In addition to shredding, our ferrous processing capabilities include baling, shearing and sorting ferrous and nonferrous metals. Our nonferrous capabilities include wire reclaiming, briquetting, shearing, accurately sorting alloys, custom packaging, and the fulfillment of converting and tolling arrangements. Our scrap processing reputation is built on time-tested alliances and business relationships.

U-PULL-&-PAY

U-Pull-&-Pay (UPAP) operates nine self-service used auto parts stores. UPAP retail stores contain thousands of salvage vehicles purchased from a variety of sources, including towing companies, insurance carriers, auto auctions, charitable organizations and the general public. Do-it-yourself customers, car repair enthusiasts and auto mechanics bring their own tools to remove used, but functional auto parts from the store's vehicles. After customers remove many car parts, the harvested hulks are crushed and moved to automobile shredders.

SCRAP MANAGEMENT

DJJ works closely with manufacturers to customize programs to optimize the revenue received for the industrial scrap metal generated. DJJ's industrial customer list includes most automobile manufacturers, suppliers of components to the auto industry, manufacturers of appliances, agricultural equipment, electric motors and switchgear, and many other Fortune 500 industrial companies.

DJJ's Engineering, Metallurgical, Transportation, Marketing and Information Technology experts work together to help manufacturers get the most competitive pricing for both ferrous and nonferrous material.



TRANSPORTATION

RAIL EQUIPMENT GROUP

The Rail Equipment Group at The David J. Joseph Company acquires, sells and leases a variety of new and used transportation assets. We are owners of one of the largest independent railcar fleets in North America, providing our customers with custom short- and long-term lease packages. DJJ offers railcar expertise including sales and leasing options, maintaining third-party fleets, railcar inspection, railcar engineering, dismantling and the most complete parts inventory available.

More than a century of entrepreneurial success provides The David J. Joseph Company with unmatched expertise and capabilities. Transportation has been a key part of our business since 1885. As owners and users of transportation equipment, we have a deep understanding of equipment and the technological and financial drivers of the business.



INTERNATIONAL



● INTERNATIONAL SALES OFFICES



NUCOR SALES & SERVICES INTERNATIONAL

OUR STRATEGY

WHAT WE PROVIDE

WE STRIVE TO EXCEED YOUR EXPECTATIONS FOR HIGH-QUALITY STEEL PRODUCTS, COMPETITIVELY PRICED AND DELIVERED ON TIME. WHETHER FOR DISTRIBUTION, FABRICATION, PROJECT OR SPECIFIC END-USE, WE HAVE THE EXPERIENCE AND DEDICATION TO MEET OR EXCEED YOUR REQUIREMENTS.

TRANSPORTATION & LOGISTICS

Nucor manages full transportation cost, service, documentation and risk — to deliver products from our many facilities to you. We are experienced in all modes of shipment — typically providing material delivered to INCO terms or to specific program requirements.

FINANCIAL SERVICES

Nucor's International team can leverage Nucor's financial strength to provide our international customers with competitive terms.

INTERNATIONAL TRADING & PROCUREMENT

We have a "get it done" approach to providing our customers consistent supply and reliable service. If for some reason we cannot meet your needs with Nucor products or delivery, we offer alternatives from qualified supply partners.



NUCOR REGIONAL CONTACTS

LOCAL ACCESS TO ALL NUCOR PRODUCTS & CAPABILITY

A NUCOR PROFESSIONAL IS AVAILABLE IN KEY REGIONS GLOBALLY — OFFERING LOCAL CUSTOMER SERVICE AND ACCESS FOR YOU TO INQUIRE AND PLACE ORDERS DIRECTLY FOR ALL NUCOR STEEL AND DOWNSTREAM PRODUCTS.

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