



Metals Newsletter

Q1 2023

Metals Market Commentary

Trading multiples⁽¹⁾ for the Metals sector as of 03/31/2023 recorded an overall mean EV / 2023E EBITDA of 6.7x:

- Mills & Foundries at 7.2x
- Processing & Distribution at 7.3x
- Recycling & Reclamation at 6.6x
- Manufacturing & Fabrication at 5.6x

Aggregate revenue is forecasted to grow by a CAGR of +1.8% during 2021-2024 across the Metal peer group

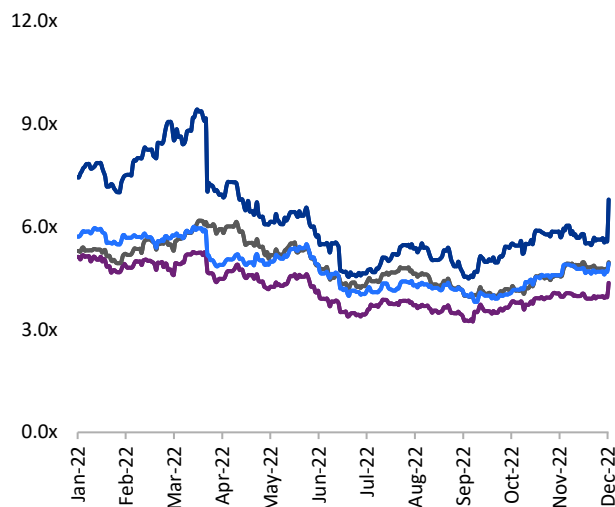
Driven by an economic environment of looming recession and heightened inflation, metal prices closed 2022 lower than the beginning of the year. While the Russia-Ukraine war lingers to weigh on global economic activity, China's reopening and relaxation of its zero-COVID policy has generated optimism on the demand outlook, supporting global metal prices.

Near-record low inventories and subdued imports owing to uncompetitive arbitrage and watchful ordering would also play a role in firming metal prices. Multiple price hikes posted by domestic mills that witnessed a reversal in their earnings in 2022 are pushing prices further.

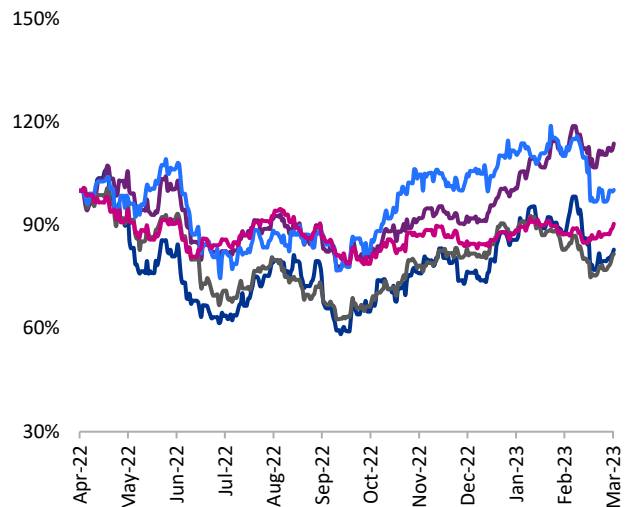
Although the U.S. Manufacturing Purchasing Managers Index (PMI) is currently hovering at low levels, infrastructure spending and the automotive sector are expected to be the bright spots in the coming years. The \$1.2 trillion U.S. Infrastructure Bill, aimed to add new funding for metal-intensive activities such as bridge rehabilitation, public transportation upgrades, and electric grid modernization, is expected to fuel demand. Non-residential construction should remain robust driven by the need for schools, hospitals, malls, and other commercial buildings to support residential communities. The automotive sector is poised to maintain positive momentum on the back of unmet, latent demand and easing supply chain constraints, albeit at a slower pace given shrinking wallet size and increased borrowing rates.

Various federal government measures, such as the 'Buy America' campaign and metal import duties, are helping ensure continued demand for domestically produced metals. Furthermore, an acceleration of reshoring trends would boost revenues for metal companies as construction of advanced manufacturing facilities is highly steel intensive. Local small-to-mid-sized fabricators are also expected to profit from these facilities requiring custom metal services.

2022 EV / LTM EBITDA Performance⁽¹⁾



2023 LTM⁽²⁾ Indexed Stock Performance⁽¹⁾



- Mills & Foundries
- Processing & Distribution
- Recycling & Reclamation
- S&P 500
- Manufacturing & Fabrication

(1) Market statistics sourced from Capital IQ

(2) LTM as of 03/31/2023

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Segments Overview

Mills & Foundries

After an eight-month decline starting May 2022, steel prices have been on an uptrend as the supply remains tighter compared to the demand. Factors impacting supply include reduced import volumes, low steel mill utilization rates, elevated input costs, and lean service center inventories. Furthermore, high input costs coupled with the correction and normalization of prices during last year have led to margins for some of the mills testing breakeven levels – prompting them to charge higher prices to their customers.

U.S. steelmakers are expected to continue the upside momentum and regain pricing power driven by the modest recovery in demand from steel intensive sectors, including automotive, construction, and energy. This would allow domestic mills to increase production, with new mills likely to absorb much of the increased demand as utilization levels at existing mills remain below 75%.

Aluminum prices are expected to remain at elevated levels in 2023 as global demand outstrips persistent constrained supply. With aluminum being the most energy-intensive base metal to produce, high energy costs continue to strain production. Against this, global demand for aluminum is expected to increase due to China's economic recovery and easing of its Covid-19 curbs, offsetting the current weak demand growth elsewhere.

Processing & Distribution

Despite near-term headwinds from rising interest rates and inflation, metal service centers remain optimistic on their growth prospects owing to strong order backlog from their key end markets. Additionally, in order to meet recovering demand, service center customers have started restocking their shelves after a destocking spree during mid-2022 – a positive for metal processors.

In order to better manage inventory levels, reduce lead times, and ensure frequent deliveries, service centers are considering buying from domestic mills. This would help alleviate higher financing costs resulting from bulk import purchases.

In response to margin pressures created by volatile metal prices, service centers are stepping up their investments in value-added processing capabilities, which can contribute to their profits and offset any fluctuations in input costs.

Recycling & Reclamation

The scrap market is gaining strength with ferrous prices trending higher since the start of 2023. The existing demand-supply imbalance in the ferrous metals market is driving this price rise. Metal recyclers are looking to benefit from higher finished steel prices, strong overseas demand, and tight supply brought on by low inventory levels at steel mills and service centers. The industry is also expected to witness an increased demand for scrap metal from Turkey, a primary importer of ferrous scrap from U.S., seeking to rebuild the nation after suffering from natural calamities.

Furthermore, as the concerns over the impact of mining on the environment are increasing, metal producers are constantly striving to reduce carbon emissions by introducing scrap-based electric arc furnaces (EAF). According to the recent study by CRU Group, EAF steelmaking in the U.S. results in 75 percent less carbon emissions than traditional steelmaking and is the greenest, safest, and most energy-efficient method to produce the metal.

With decarbonization being a global multi-decade issue for the metal industry, the ramp up of EAF capacity and usage of scrap metal inputs are anticipated to yield upside to recycling and reclamation service providers in the coming years.

Manufacturing & Fabrication

As a result of the easing supply chain bottlenecks and positive sentiments on the growth of automotive, non-residential construction, and energy sectors, metal fabricators / manufacturers are expecting a healthier outlook. Additionally, domestic metal fabricators are also expected to benefit from an increasing emphasis on reshoring operations by large manufacturers to alleviate soaring transatlantic freight costs, shipment delivery delays, and inflationary pressures.

Supported by improving semiconductor supplies and increasing EV adoption, production increases at motor vehicle plants would fuel the demand for various manufacturing and fabrication services.

Furthermore, significant infrastructure investments related to non-residential construction and energy projects would fuel the demand for fabricators specializing in casting, machining, and sintering capabilities.

Sources: *Capital IQ, Equity Research Reports, and other publicly available sources.*

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Notable Recent Deals (1/2)

KPMG Corporate Finance Recent Metal Deal: Hummock Industries



The Company: Heyco Metals was founded in 1969 and is a leading value-added processor of engineered copper, copper alloys, and stainless steel coil & strip based out of Reading, PA. National Bronze was founded in 1911 and is a leading manufacturer and distributor of bronze bushings, bearings, and other industrial precision components based out of Roseville, MI.

The Company's products and services are essential inputs for highly attractive end markets such as automotive and consumer electronics that benefit from tailwinds as new technologies emerge in these sectors.

The Solution: The key factors supporting the success of the transaction included KPMG CF industry knowledge and ability to highlight growth opportunities of the Company. KPMG CF worked closely with shareholders throughout the process, and ultimately sold the business to Wieland North America, a subsidiary of Wieland Group, a global manufacturer and supplier of semi-finished copper and copper alloy products, including rolled products, rods, tin plated strips, and wires. The transaction was completed in just over six months.

Commercial Metals Company acquires Roane Metals Group

Recycling & Reclamation – March 03, 2023

Commercial Metals Company (NYSE: CMC), a manufacturer and fabricator of steel and metal products, has acquired Roane Metals Group, a metal recycling company. Headquartered in Rockwood, TN, Roane Metals operates two facilities with a capability to process ~85,000 tons of ferrous and non-ferrous materials annually. The acquisition is expected to enhance the supply of inputs to CMC's steelmaking operations. Prior to this, CMC acquired Galveston area metals recycling facility from Kodiak Resources that processes ~55,000 tons of ferrous and non-ferrous materials annually.

Ryerson Holding acquires BLP Holdings

Processing & Distribution – March 02, 2023

Ryerson Holding (NYSE: RYI), a value-added processor and distributor of industrial metals, has acquired BLP Holdings, a provider of fabrication and toll processing services. Headquartered in Houston, Texas, BLP is comprised of three divisions, Absolute Metal Products, Metal Cutting Specialists, and Houston Water Jet and serves industries including oil and gas, aerospace, telecommunications, and structural fabrication. The acquisition strengthens the capabilities of Ryerson's service-center network and diversify their offerings.

TriMas acquires Weldmac Manufacturing

Manufacturing & Fabrication – February 23, 2023

TriMas (NASDAQ: TRS), a manufacturer of diverse set of products primarily for the consumer products, aerospace, and industrial markets, has announced the acquisition of Weldmac Manufacturing, a provider of metal fabricated components and assemblies. Founded in 1968 and headquartered in El Cajon, CA, Weldmac designs highly-engineered components for a broad range of critical applications across the aerospace, defense, commercial power, and space launch industries.

Timken acquires American Roller Bearing Company

Manufacturing & Fabrication – February 01, 2023

The Timken Company (NYSE: TKR), a provider of engineered bearings and industrial motion products, has announced the acquisition of American Roller Bearing Company, a North Carolina-based manufacturer of anti-friction bearings. Founded in 1911, American Roller Bearing Company manufactures heavy duty industrial class bearings, and employs over 190 people across its manufacturing facilities in Hiddenite and Morganton, NC. The Company's end-market mix, customer base, and aftermarket position is a good fit for Timken's business model.

Olympic Steel acquires Metal-Fab

Manufacturing & Fabrication – January 03, 2023

Olympic Steel (Nasdaq: ZEUS), a leading national metals service center, has completed the acquisition of Metal-Fab, a venting and filtration products manufacturer. Founded in 1958 and is headquartered in Wichita, KS, Metal-Fab provides coated carbon and stainless steel, venting and filtration products for residential, commercial, and industrial applications. The acquisition helps Olympic Steel in diversifying their offerings.

Sources: Press releases, public filings, Capital IQ, and Merger Market.

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Notable Recent Deals (2/2)

ArcelorMittal acquires majority stake in voestalpine Texas

Mills & Foundries – June 30, 2022

ArcelorMittal, a global steel and mining company, has completed the acquisition of an 80.0% stake in voestalpine's Hot Briquetted Iron ('HBI') plant located near Corpus Christi, TX. voestalpine's HBI plant has an annual capacity of two million tonnes of hot briquetted iron which is a compacted form of Direct Reduced Iron ('DRI'). The transaction reinforces ArcelorMittal's position as a world leader in DRI production and enhances its ability to produce the high-quality input materials required for low-carbon emissions steelmaking.

BlueScope Steel acquires Coil Coatings Business of Cornerstone

Processing & Distribution – June 28, 2022

BlueScope Steel (ASX: BSL), a global manufacturer of painted and coated steel products, has acquired coil coatings business of Cornerstone Building Brands. Coil Coatings is one of the largest metal painters in the U.S., with a total capacity of ~900,000 tonnes per annum across seven facilities. The transaction substantially increases the U.S. metallic coating and painting capacity of BlueScope and provides it with direct access to the large and growing Eastern U.S. region.

Nucor acquires C.H.I. Overhead Doors

Manufacturing & Fabrication – June 24, 2022

Nucor (NYSE: NUE), a North American manufacturer of steel and steel products, has acquired C.H.I. Overhead Doors (C.H.I.), a manufacturer of residential and commercial overhead doors. Founded in 1981, C.H.I. offers a range of residential garage doors, as well as steel and rubber doors for commercial and industrial customers. The acquisition provides Nucor with direct product exposure to the residential construction market.

Nucor acquires California Steel Industries

Processing & Distribution – February 01, 2022

Nucor (NYSE: NUE), a North American manufacturer of steel and steel products, has acquired a majority ownership position in California Steel Industries, a steel processing and finishing company. California Steel Industries is a flat-rolled steel converter with an operational capacity to produce over two million tons of finished steel and steel products annually. This strategic venture expands Nucor's geographic presence in the Western region and enhances their ability to produce a wider range of value-added sheet products.

Sources: Press releases, public filings, Capital IQ, and Merger Market.

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Select Public Companies

Company	HQ Country	Market Data				LTM Financials				Valuation Multiples Enterprise Value To:		
		Market Cap (\$mm) ⁽¹⁾⁽²⁾	Enterprise Value (\$mm) ⁽³⁾	Share Price ⁽²⁾	% 52 Wk High	Revenue	Revenue Growth	Gross Margin %	EBITDA % ⁽⁴⁾	LTM EBITDA	CY 2023 Revenue	CY 2023 EBITDA
Mills & Foundries												
Nucor Corporation	US	\$38,917	\$42,174	\$154.47	82.2%	\$41,512	13.8%	30.2%	28.0%	3.6x	1.2x	6.5x
Steel Dynamics, Inc.	US	19,286	20,176	113.06	82.9%	22,261	20.9%	27.5%	24.9%	3.6x	1.0x	5.4x
Cleveland-Cliffs Inc.	US	9,436	14,363	18.33	53.8%	22,989	12.4%	11.0%	15.0%	4.2x	0.7x	5.5x
Alcoa Corporation	US	7,591	9,712	42.56	45.5%	12,451	2.5%	18.5%	16.7%	4.7x	0.9x	6.6x
United States Steel Corporation	US	5,930	6,650	26.10	66.5%	21,065	3.9%	20.7%	20.1%	1.6x	0.4x	3.3x
ATI Inc.	US	5,072	6,401	39.46	91.1%	3,836	37.0%	18.6%	15.0%	11.1x	1.5x	10.7x
Arcoronic Corporation	US	2,607	4,060	26.23	84.0%	8,961	19.4%	10.4%	6.9%	6.6x	0.5x	6.0x
Kaiser Aluminum Corporation	US	1,184	2,216	74.63	69.5%	3,428	30.7%	7.2%	4.3%	15.0x	0.6x	10.0x
Century Aluminum Company	US	923	1,419	10.00	34.2%	2,777	25.5%	1.7%	3.1%	16.2x	0.7x	11.1x
Haynes International, Inc.	US	627	712	50.09	82.3%	524	43.5%	21.3%	16.2%	8.4x	1.2x	7.1x
Mills & Foundries Mean					69.2%	21.0%	16.7%	15.0%	7.5x	0.9x	7.2x	
Mills & Foundries Median					75.8%	20.2%	18.6%	15.6%	5.6x	0.8x	6.6x	
Processing & Distribution												
Reliance Steel & Aluminum Co.	US	\$15,142	\$15,843	\$256.74	97.1%	\$17,025	20.8%	30.9%	16.7%	5.6x	1.1x	8.0x
Aalberts N.V.	NL	5,215	6,126	47.16	86.9%	3,452	8.4%	62.4%	19.6%	9.0x	1.7x	8.3x
Russel Metals Inc.	CA	1,583	1,627	25.37	92.1%	3,747	20.5%	21.8%	11.4%	3.8x	0.5x	5.5x
Ryerson Holding Corporation	US	1,291	1,886	36.38	82.5%	6,324	11.4%	20.7%	10.7%	2.8x	0.4x	7.1x
Klöckner & Co SE	DE	1,073	1,717	10.76	74.8%	10,023	26.0%	16.7%	4.2%	4.0x	0.2x	6.7x
Olympic Steel, Inc.	US	581	765	52.21	88.7%	2,560	10.7%	19.0%	6.5%	4.6x	0.3x	8.3x
Processing & Distribution Mean					87.0%	16.3%	28.6%	11.5%	5.0x	0.7x	7.3x	
Processing & Distribution Median					87.8%	16.0%	21.3%	11.0%	4.3x	0.4x	7.6x	
Recycling & Reclamation												
Umicore SA	BE	\$8,145	\$9,398	\$33.91	70.3%	\$4,441	5.7%	40.1%	27.0%	7.8x	2.0x	8.1x
Commercial Metals Company	US	5,727	6,488	48.90	84.2%	9,168	16.5%	21.5%	17.2%	4.1x	0.8x	5.1x
Aurbis AG	DE	4,026	3,769	92.42	71.0%	19,493	5.6%	8.0%	4.0%	4.8x	0.2x	4.9x
Sims Limited	AU	1,968	2,215	10.40	68.0%	6,015	14.3%	11.2%	7.4%	5.0x	0.4x	7.1x
Schnitzer Steel Industries, Inc.	US	851	1,328	31.10	52.1%	3,286	7.2%	12.4%	7.8%	5.2x	0.4x	7.8x
Alumetal S.A.	PL	293	354	18.76	96.3%	746	49.4%	7.9%	9.0%	5.3x	0.6x	6.8x
Recycling & Reclamation Mean					73.7%	16.5%	16.9%	12.1%	5.4x	0.7x	6.6x	
Recycling & Reclamation Median					70.7%	10.8%	11.8%	8.4%	5.1x	0.5x	7.0x	
Manufacturing & Fabrication												
Tenaris S.A.	LU	\$16,803	\$16,233	\$14.23	73.3%	\$11,763	80.4%	41.5%	32.2%	4.3x	1.1x	3.5x
Voestalpine AG	AT	6,017	10,186	33.99	86.2%	19,242	34.0%	21.7%	14.3%	3.7x	0.6x	4.8x
Worthington Industries, Inc.	US	3,143	3,804	64.65	99.8%	5,208	10.8%	11.3%	8.8%	8.3x	0.9x	8.1x
Daido Steel Co., Ltd.	JP	1,667	3,415	39.12	92.0%	4,352	11.2%	17.7%	12.8%	6.1x	0.8x	6.6x
TimkenSteel Corporation	US	805	581	18.34	69.9%	1,330	3.7%	9.5%	13.1%	3.3x	0.4x	4.6x
Insteel Industries, Inc.	US	541	500	27.82	58.3%	815	25.5%	21.2%	19.3%	3.2x	0.7x	5.9x
Mayville Engineering Company, Inc.	US	301	410	14.92	89.6%	539	18.6%	12.4%	10.5%	7.2x	0.7x	6.0x
Ascent Industries Co.	US	93	197	9.15	50.8%	414	23.7%	8.3%	8.4%	5.7x	NM	NM
Manufacturing & Fabrication Mean					77.5%	26.0%	18.0%	14.9%	5.2x	0.7x	5.6x	
Manufacturing & Fabrication Median					79.7%	21.2%	15.1%	13.0%	5.0x	0.7x	5.9x	
Selected Public Metals Companies Mean					75.9%	20.5%	19.4%	13.7%	6.0x	0.8x	6.7x	
Selected Public Metals Companies Median					82.3%	32.4%	18.6%	16.4%	4.6x	0.7x	6.6x	

Source: Capital IQ

(1) Market Capitalization based on closing share prices as of March 31, 2023

(2) Market Capitalization and Share Prices may be based on foreign exchange listed securities and converted to USD

(3) Enterprise Value (EV) equals Market Capitalization plus Debt, Preferred Equity, and Minority Interest, minus Cash and Cash Equivalents

(4) EBITDA equals Earnings before Interest Expense, Income Taxes, Depreciation and Amortization

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Transaction History - Metals (with multiples)

Mills & Foundries

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)	EV / LTM EBITDA	EBITDA Margin
Jun-22	voestalpine Texas LLC	ArcelorMittal S.A. (ENXTAM:MT)	1,000.0	25.0x	6%
Mar-21	Alcoa Warrick LLC	Kaiser Aluminum Corp. (NasdaqGS:KALU)	670.0	7.0x	-
Jan-21	Remaining 50.1% Stake in Big River Steel LLC	United States Steel Corp. (NYSE:X)	3,300.0	6.5x	-

Processing & Distribution

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)	EV / LTM EBITDA	EBITDA Margin
Jun-22	Coil Coatings Business of Cornerstone Building Brands Inc.	BlueScope Steel Ltd. (ASX:BSL)	500.0	9.0x	21%
May-22	Precoat Metals Corp.	AZZ Inc. (NYSE:AZZ)	1,283.0	9.4x	20%
Feb-22	California Steel Industries Inc.	Nucor Corporation (NYSE:NUE)	800.0	6.0x	-
Nov-21	Boyd Metals Inc.	Russel Metals Inc. (TSX:RUS)	110.0	2.8x	16%

Recycling & Reclamation

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)	EV / LTM EBITDA	EBITDA Margin
Pending	Northeast Metal Traders Inc.	Sims Ltd. (ASX:SGM)	-	4.8x	-
Jan-22	Atlantic Recycling Group LLC	Sims Ltd. (ASX:SGM)	37.0	4.2x	-
Nov-21	Ferrous Processing & Trading Co.	Cleveland-Cliffs Inc. (NYSE:CLF)	775.0	7.8x	-

Manufacturing & Fabrication

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)	EV / LTM EBITDA	EBITDA Margin
Pending	Superior Industries International Inc. (NYSE:SUP)	M2 Capital Partners International Holdings Ltd.	850.5	5.1x	10%
Pending	Assets and Operations of John Evans' Sons Inc.	Lesjöfors AB	90.0	9.0x	27%
Pending	Memry Corp. / SAES Smart Materials Inc.	Resonetics LLC	903.3	17.0x	-
Jan-23	Metal-Fab Inc.	Olympic Steel Inc. (NasdaqGS:ZEUS)	131.0	6.9x	-

Sources: Press releases, public filings, Capital IQ, Merger Market, and Pitchbook.

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Transaction History - Metals (with multiples)

Manufacturing & Fabrication (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)	EV / LTM EBITDA	EBITDA Margin
Jun-22	C.H.I. Overhead Doors Inc.	Nucor Corporation (NYSE:NUE)	3,000.0	13.0x	-
Feb-22	FlexSteel Pipeline Technologies Inc.	Cactus Inc. (NYSE:WHD)	621.0	6.0x	29%
Dec-21	Tempel Steel Co.	Worthington Steel of Michigan Inc.	255.0	7.3x	9%
Nov-21	Integrated Manufacturing Group LLC	Ichor Systems Inc.	270.0	13.0x	28%
Nov-21	H.C. Starck Inc.	Materion Corporation (NYSE:MTRN)	380.0	13.1x	20%
Nov-21	Mechanical Power Transmission Division of ABB Ltd.	RBC Bearings Inc. (NYSE:RBC)	2,900.0	16.7x	28%
Aug-21	Hannibal Industries Inc.	Nucor Corporation (NYSE:NUE)	370.0	6.9x	-
Aug-21	Doors & Building Components Inc.	Janus International Group Inc. (NYSE:JBI)	169.0	12.1x	16%
Aug-21	Insulated Metal Panels Business of Cornerstone Building Brands Inc.	Vulcraft Canada Inc. / Nucor Insulated Panel Group Inc.	1,000.0	10.0x	30%
Jun-21	Certain Assets Of U.S. BlankLight® Business Of Shiloh Industries Inc.	TWB Co. LLC	105.0	5.1x	12%
Mar-21	Firestone Building Products Co. LLC	Holcim Participations (US) Inc.	3,400.0	12.6x	15%

Mean	\$955	9.4x	19%
Median	\$646	7.8x	20%

Sources: Press releases, public filings, Capital IQ, Merger Market, and Pitchbook.

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Transaction History - Metals (without multiples)

Mills & Foundries

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Pending	Blast furnaces and other ancillary assets at U.S. Steel's Granite City Works	SunCoke Energy Inc. (NYSE:SXC)	-
Pending	Arsham Aluminum Alloys LLC	Panamera Holdings Corp. (OTCPK:PHCI)	-
Nov-22	Mi-Tech Tungsten Metals LLC	Global Tungsten & Powders Corp.	-
Oct-22	SA Alloys	The Federal Metal Co.	-
Aug-22	Northern Iron & Machine	The Lawton Standard Co.	-
Jul-22	Neenah Enterprises Inc.	Charlotte Pipe and Foundry Co.	-
Apr-22	Huntington Aluminum Inc.	Metal Source LLC	-
Dec-21	Ohio Valley Aluminum Co LLC	Matalco Inc.	-

Processing & Distribution

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Pending	Plateplus Inc. (Tulsa Plant)	NIM Group	-
Mar-23	United Steel Service LLC	Kerola Family	-
Mar-23	Federal Steel Supply	Westbridge Capital	-
Mar-23	Korns Galvanizing Co. Inc.	Hill & Smith PLC (LSE:HILS)	11.1
Mar-23	BLP Holdings LLC	Ryerson Holding Corporation (NYSE:RYI)	-
Jan-23	Cleveland Metal Exchange / Chicago Stainless Metal Exchange	Mill Steel Co. Inc.	-
Jan-23	Ohio Galvanizing Corp.	Race Rock Group	-
Dec-22	Heyco Metals Inc. / National Bronze Manufacturing Co.	Wieland North America Inc.	-
Dec-22	Kreher Steel Co.	TerraMar Capital	-
Nov-22	Gerber Metal Supply Co.	All Metals Industries Inc.	-

Sources: Press releases, public filings, Capital IQ, Merger Market, and Pitchbook.

KPMG CF Transaction

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Transaction History - Metals (without multiples)

Processing & Distribution (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Nov-22	American Iron & Alloys LLC	The C.A. Lawton	-
Nov-22	Excelsior Inc.	Ryerson Holding Corporation (NYSE:RYI)	-
Oct-22	MISA Specialty Processing Inc.	MISA Specialty Processing Inc.	21.3
Oct-22	Nivert Metal Supply Inc.	Pennsylvania Steel Co Inc.	-
Oct-22	Five Star Roll Form LLC / Sun States Steel Corp.	JM Steel Corp.	-
Oct-22	Metals Aerospace International	Rolled Alloys Inc.	-
Sep-22	Howard Precision Metals Inc.	Ryerson Holding Corporation (NYSE:RYI)	-
Sep-22	Hillman Brass & Copper Inc.	AAP Metals LLC	-
Aug-22	Campbell Tool and Metal Supply	Industrial Metal Supply Co.	-
Aug-22	Vac-Met Inc.	Solar Atmospheres Inc.	-
Aug-22	CAI Custom Alloys Inc.	Summit Equity Group LLC	-
Aug-22	Great South Metals Co.	Mainline Metals Inc.	-
Aug-22	Block Steel Corp.	Atlas Steel Products Co.	-
Jun-22	Fulton County Processing Ltd.	Heidtman Steel Products Inc.	-
May-22	Ace Steel Supply Inc.	Commercial Steel Products LLC	-
May-22	Medalco Metals Inc.	Metal Exchange Corp.	-
May-22	N.B. Handy Co Inc.	Industrial Opportunity Partners LLC	-
May-22	Certain Assets of Plateplus Inc.	Friedman Industries Inc.	68.7
Apr-22	Certain Assets of Klein Steel Service Inc.	Alro Steel Corp.	-
Apr-22	Rusal America Corp. (nka:PerenniAL)	A Group of Private Investors	-
Apr-22	Hohman Plating & Mfg. LLC	Novaria Holdings LLC	-

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Transaction History - Metals (without multiples)

Processing & Distribution (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Apr-22	Houston Metal Sawing	Metal Sawing Technology Inc.	-

Recycling & Reclamation

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Pending	Renovo Resource Solutions Inc.	Kingfish Holding Corp. (OTCPK:KSSH)	-
Mar-23	Substantially all the operating assets of Allied Iron & Steel and A. Miller & Co.	Alter Trading Inc.	-
Mar-23	Spartan Metals Inc.	A Private Investor	-
Mar-23	Roane Metals Group LLC	Commercial Metals Company (NYSE:CMC)	-
Jan-23	Salina Iron & Metal Co .	Allmetal Recycling LLC	-
Nov-22	C&D Scrap Metal Recyclers Co. Inc.	Merchants Metal Recycling II CD LLC	-
Nov-22	Operating Assets of ScrapSource	Schnitzer Steel Industries Inc. (NasdaqGS:SCHN)	25.0
Nov-22	Galveston area Metals Recycling Facility and related assets of Kodiak Properties	Commercial Metals Company (NYSE:CMC)	-
Sep-22	Advanced Steel Recovery Inc.	Commercial Metals Company (NYSE:CMC)	-
Aug-22	B. Clinkston & Sons Inc.	Louis Padnos Iron & Metal Co.	-
Aug-22	Cleveland Industrial Recycling Inc.	Slicker Recycling Ltd.	-
Jul-22	Sortera Alloys Inc.	Novelis Inc. / Breakthrough Energy LLC / Assembly Ventures LLC	10.0
Apr-22	TOTALL Metal Recycling Inc.	Wieland-Werke AG	-
Apr-22	Operating Assets of Encore Recycling LLC	Schnitzer Steel Industries Inc. (NasdaqGS:SCHN)	-

Manufacturing & Fabrication

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Pending	Aranda Tooling Inc. and AutoTech Production Services Inc.	Suzhou Dongshan Precision Manufacturing Co. Ltd.	53.0

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Transaction History - Metals (without multiples)

Manufacturing & Fabrication (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Pending	Weldmac Mfg. Co.	TriMas Corporation (NasdaqGS:TRS)	33.0
Mar-23	Anthem Anchor Bolts and Fasteners LLC	Tradition Transportation Group, Inc.	-
Mar-23	Dart Casting Inc.	General Die Casters Inc.	-
Mar-23	Whelan Machine & Tool LLC	Ajax Defense Inc.	-
Mar-23	U.S assets of Ultibend Industries Inc.	Steel & O'brien Manufacturing Inc.	-
Mar-23	C. I. Banker Wire And Iron Works Inc.	Lincolnshire Management Inc.	-
Mar-23	Lee Brass Co.	Fidelis Holdings LLC	-
Mar-23	Wire Products Co Inc., Globe Pipe Hanger Products Inc.	Sioux Chief Manufacturing Co. Inc.	-
Feb-23	Fabral Inc.	Flack Steel LLC	-
Feb-23	D&R Machine Co. Inc.	Cadrex Manufacturing Solutions	-
Feb-23	Dynamic Precision Group Inc.	Whitcraft LLC	-
Feb-23	Dixie Machine & Fabrication	Dallas Industries	-
Feb-23	Gem Manufacturing Inc.	CORE Industrial Partners LLC	-
Feb-23	Precision Shapes Inc.	Prince Industries Inc.	-
Feb-23	Clark Manufacturing Co.	Century Inc.	-
Feb-23	American Roller Bearing Co.	The Timken Co. (NYSE:TKR)	-
Jan-23	Hammett Steel LLC	Steelcon Fabrication Inc.	-
Jan-23	Laser Specialties Inc.	Summit Steel Fabricating Group	-
Jan-23	Schultes Precision Manufacturing Inc.	Helios Technologies Inc. (NYSE:HLIO)	85.0
Jan-23	Andron Stainless Ltd.	Flow Control Holdings LLC	-
Jan-23	Saje Enterprises Inc.	The Heico Companies LLC	-

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Transaction History - Metals (without multiples)

Manufacturing & Fabrication (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Jan-23	Pacific Coast Bolt Corp.	Birmingham Fastener & Supply Inc.	-
Dec-22	Georgia Copper LLC	Technical Services Group Inc.	-
Dec-22	Alexander Machine & Tool Co. Inc.	George Industries LLC	-
Dec-22	Caliber Precision Inc.	Northwest Metalcraft Inc.	-
Dec-22	Metal Forming and Coining LLC	Torque Capital Group LLC	-
Dec-22	Continental Forge Co. Inc.	Forged Solutions Group Ltd.	-
Dec-22	The Jor-Mac Co.	Aldine Capital Partners Inc.	-
Dec-22	Alpha Carb Enterprises	Kiski Precision Industries	-
Dec-22	Assets of EXLTUBE	Zekelman Industries Inc.	-
Nov-22	Unimacts Global LLC	Zetwerk Manufacturing Businesses Pvt. Ltd.	39.0
Nov-22	Standard Locknut LLC	Tonka Bay Equity Partners LLC	-
Nov-22	SteelPro LLC	Heartland Steel Holdings LLC	-
Nov-22	Steel Industries Inc.	Forged Solutions Group Ltd.	-
Nov-22	Evans Industries Inc. / Little Enterprises LLC	Momentum Manufacturing Group	-
Nov-22	GGB Inc.	The Timken Co. (NYSE:TKR)	305.0
Nov-22	Westbrook Manufacturing	SCF Partners	-
Oct-22	Benton Steel Fabrication Inc.	Morton Industries LLC	-
Oct-22	Peltier Mfg Inc.	Prince & Izant Co.	-
Oct-22	E.P.M.P. Ltd.	Cadrex Manufacturing Solutions	-
Oct-22	Wheeler Bearing Co. LLC	Jenkins Electric Inc.	-
Oct-22	Summit Hydraulics LLC	Access Truck Parts LLC	-

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Transaction History - Metals (without multiples)

Manufacturing & Fabrication (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Oct-22	California Expanded Metal Products Co.	JFE Shoji Corp.	-
Oct-22	Alloy Cast Products Inc.	Winsert Inc.	-
Oct-22	Fairchild Auto-Mated Parts Inc.	Fairchild Industries Inc.	-
Sep-22	Ifabm Seller Inc.	BICO Steel	-
Sep-22	Summit Steel & Manufacturing Inc.	Lorraine Capital LLC	-
Sep-22	IDL Precision Machining LLC	Cadrex Manufacturing Solutions	-
Sep-22	SMC Metal Fabricators	Lapham-Hickey Steel	-
Aug-22	Summit Utility Structures LLC / Sovereign Steel Manufacturing LLC	Nucor Corporation (NYSE:NUE)	-
Aug-22	Spiral Air Manufacturing	Munch's Supply	-
Aug-22	Westheck Co	Mechanical Power Inc.	-
Aug-22	George Industries LLC	Behrman Brothers Management Corp.	-
Aug-22	COMTEC Mfg. Inc.	Continuum Equity Partners	-
Aug-22	Prince Service & Manufacturing	Unified Defense	-
Aug-22	Jifco Products Inc.	Urschel Laboratories Inc.	-
Aug-22	Chicago Steel Container Corp.	Stavig Industries LLC	-
Jul-22	Wellman Dynamics Corp.	TRM Equity	-
Jul-22	Fabrication Concepts Corp. Inc.	Tide Rock Holdings LLC	-
Jul-22	New England Foundry	Potential Holdings	-
Jul-22	Tenere Inc.	CGI Automated Manufacturing LLC	-
Jul-22	Accu-Fab Inc.	Tide Rock Holdings LLC	-
Jul-22	Stroco Manufacturing	Novaria Group	-

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Transaction History - Metals (without multiples)

Manufacturing & Fabrication (Contd.)

Closed Date	Target Company	Buyer	Enterprise Value (\$mm)
Jul-22	J & E Manufacturing LLC	First Capital Partners LLC / Willis & Smith Capital LLC	-
Jul-22	CudoForm Inc.	SENKO Advanced Components Inc.	-
Jul-22	Quicken Steel LLC	Majestic Steel USA Inc.	-
Jul-22	Baker Manufacturing Co.	Blue Sage Capital LP / Stellus Capital Investment Corp. BDC	-
Jul-22	Strom Manufacturing Inc.	Compass Precision LLC	-
Jul-22	American Sheet Metal	Manufacturing Succession	-
Jun-22	Prince & Izant Co.	Industrial Growth Partners	-
Jun-22	Hollow Metal Doors Business Mesker	Key Principals of Trimco and Metal Manufacturing Industries	-
Jun-22	BendTec Inc.	United Weld Holdings	-
Jun-22	Elite Manufacturing Technologies Inc.	CGI Automated Manufacturing LLC	-
Oct-21	Emcor Enclosures Inc.	Jonathan Engineered Solutions	-

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 KPMG CF Transaction

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Broad Metals Industry Transaction Experience

   have been acquired by  December 2022	  has been acquired by Key Principals of  and  June 2022	  has been acquired by  a subsidiary of  December 2021	  has been acquired by  a portfolio company of  October 2021	  has acquired  September 2021	   has been acquired by  a portfolio company of  May 2021	 Metso:Outotec divested its aluminum business in Finland to  April 2021
  has been acquired by  December 2020	 Debate SAS has divested  to  November 2020	  has been jointly acquired by  and  November 2020	  has been acquired by  August 2020	  has been acquired by  August 2020	  has acquired the metalforming division of  December 2019	  a subsidiary of  has been acquired by  December 2019
  has been acquired by  December 2019	  sourced a mezzanine debt facility November 2019	  has been acquired by  October 2019	  has been acquired by  October 2019	  has acquired  August 2019	  has acquired  July 2019	  has acquired  June 2019
  has been acquired by  July 2018	  has acquired  June 2018	  has acquired  February 2018	  has acquired  October 2017	  a subsidiary of  has been acquired by  September 2017	  a subsidiary of  has been acquired by  July 2017	  divested its operating business and major assets to  May 2017
  has been acquired by  December 2016	  has divested  to  September 2016	  has divested  to  May 2016	  has acquired   HTP Biomaterials Medical January 2016	  has acquired  November 2015	  has acquired  March 2015	  has divested  to  June 2014

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KPMG Corporate Finance

M&A Advisor Ranking*	
2003 – 2022	Transactions
1. KPMG⁽¹⁾	9,112
2. PwC	8,447
3. Houlihan Lokey	6,340
4. Deloitte	5,887
5. Ernst & Young LLP	5,349
6. Rothschild & Co	5,176
7. Goldman Sachs & Co	3,747
8. Lazard	3,717
9. JP Morgan	3,684
10. Morgan Stanley	3,446

Industry Recognition

 *Has awarded*
KPMG Corporate Finance LLC
 Middle Market Investment Bank of the Year 2021

 *Has awarded*
KPMG Corporate Finance LLC
 Global Technology Deal of the Year Award (Mid-Market) 2021

 *Has awarded*
KPMG Corporate Finance LLC
 Cross Border Deal of the Year Award (Mid-Market) 2020

*Note: *Refinitiv; Each set of figures is taken from the league table press releases issued for that year. Middle market is defined as deals of enterprise value US\$500 million or less. Dec.31 2022.
 (1) Refers to the global Corporate Finance practices of KPMG International's network of independent member firms.*

More than 2,500 professionals...

... working from more than 170 offices...

... in 84 countries



Metals Industry Coverage

Mills & Foundries

- Steel & Specialty Mill Production
- Iron & Steel Foundries
- Nonferrous Production
- Mill Services

Processing & Distribution

- Service Centers
- Flat Rolled Processing
- Plate & Structural Processing
- Coating

Recycling & Reclamation

- Ferrous & Nonferrous Scrap Processing
- Scrap Brokerage
- Metal Reclamation

Manufacturing & Fabrication

- Machining, Welding, & Fabrication
- Stamping, Casting, & Forging
- Pipe & Tube Manufacturing
- Sintering / Powdered Metals

Global Coverage. Industry Knowledge. Middle-Market Focus.

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KPMG Corporate Finance – Metals Industry Investment Banking Team



Ford Phillips
Managing Director
 Chicago
 T: 312-665-1537
 E: frphillips@kpmg.com



Ryan Marciniak
Vice President
 New York
 T: 212-997-0500
 E: rmarciniak@KPMG.com



Lauren Holly
Senior Associate
 Chicago
 T: 312-665-4636
 E: lholly@kpmg.com

KPMG LLP – Metals Industry Leaders

Eric Logan
Principal, Strategy
 Cleveland
 T: 216-875-8191
 E: ericlogan@kpmg.com

Marc Schmidt
Principal, Financial Due Diligence
 Chicago
 T: 312-665-8461
 E: mschmidt3@kpmg.com

Douglas Olander
Managing Director, Performance Improvement
 Detroit
 T: 313-230-3149
 E: dolander@kpmg.com

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