### **INDUSTRIAL GROWTH** *Quarterly Update Second Quarter 2020*



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RESTRUCTURING • INVESTMENT BANKING • DISTRESSED ASSET SUPPORT SERVICES



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# Q2 2020 Highlights

#### August 2020

To The Friends and Clients of SOLIC Capital Advisors ("SCA"):

We are pleased to share with you SCA's SOLIConnect Industrial Growth report, which contains news, statistics, and key trends for industrial sectors that we actively cover for our corporate clients, institutional capital sources, legal and accounting professionals, and other interested groups. These sectors are: (i) Analytical Instrumentation and Testing Equipment, (ii) Electronics and Components, (iii) Precision Machine Products, Tooling and Stampings, (iv) Metals, (v) Resource Recovery and Waste Management, (vi) Chemicals and (vii) Plastic and Packaging companies.

During Q2 2020, equity capital market returns for SCA's Industrial Sector Growth Index experienced considerable growth (+24.7%) alongside the broader the S&P (+8.1%) and NASDAQ (+26.2%) indices over the same time period. The index experienced positive results across all seven subsectors for the quarter, with notably strong performance driven by Chemicals (+38.5%), Analytical Instrumentation & Testing Equipment (+29.5%) and both Electronics & Components and Precision Machine Products (+25.1%).

With respect to the industrial sector, Q2 2020 experienced significant gains due to recovery from the global outbreak of the COVID-19 virus, as equity markets previously experienced record-setting drops. However, GDP fell 10.0%, representing continued contraction since Q1 2020. In the M&A market, there were 56 industrial transactions announced in Q2 2020, a significant decrease from 238 announced transactions the previous quarter. Notable deals for this quarter included WESCO International's (NYSE: WCC) acquisition of Anixter International for \$4.5B (0.5x Revenue, 10.5x EBITDA), Yageo's (TAI: 2327) \$1.6B acquisition of Kemet Corp (1.3x Revenue, 10.9x EBITDA ), Synthomer's (LSE: SYNT) \$530M acquisition of OMNOVA Solutions (NYSE: OMN) (0.7x Revenue, 14.7x EBITDA ), and Huntsman Corporation's (NYSE:HUN) \$300M acquisition of CVC Thermoset Specialties, Inc. (2.6x Revenue, 10.0x EBITDA).

As a whole, the U.S. economy experienced unprecedented negative impacts from the global slow down resulting from the COVID-19 outbreak in Q1 after officials declared the U.S. economy in recession. Recent tensions and possible global economic retaliation with China, the historic rise in unemployment in the U.S., and subsequent U.S. central bank balance sheet assets rising to \$7+ trillion, contributed materially to the downturn in the economy. Additionally, U.S. corporate debt, housing starts, uncertainty of reopening economic activities, and global trade remain key concerns amongst most institutional investors and the industry outlook for the remainder of 2020. Further, Institute for Supply Management released its 52.6% PMI index for June 2020, which was an increase of 350bps from March. Given that current government deficits are growing due to increased funding for financial aid packages, much of this current economic cycle is driven by earnings expectations for the upcoming quarter as well as the status of rebooting the U.S. economy this summer. Industry indicators leaning towards a downward cycle, which appears more likely than not, will further impact costs of capital and strain investor sentiment in the industrials sector for the near term.

We welcome your comments and hope you find our SOLIConnect report informative.

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Matt Caine Managing Director mcaine@soliccapital.com

**Edward R. Casas** Chairman & CEO Senior Managing Partner ecasas@soliccapital.com



Recent Representative Engagements \* 



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# Market Overview

### Enterprise Value To Revenue



### Enterprise Value To EBITDA



Revenue and EBITDA valuation multiples increased in Q2 2020 compared to Q1 2020, while reported deal volume fell sharply due to the COVID-19 global pandemic



### Industrial Growth Sectors Total Enterprise Value / Revenue



### Federal Reserve Industrial Production Index



\* Please see pages 20-25 for SCA Industrial Growth Universe and additional information in the "Notes" section at the end of this report.

### Industrial Growth Sectors Total Enterprise Value / EBITDA



### Institute for Supply Management Purchasing Managers' Index



# Sector Stock Performance (one year)

### SCA Industrial Growth Index



### SCA Electronics and Components Sector



### SCA Analytical Instrumentation & Testing Equipment Sector



### SCA Precision Machine Products Sector



### SCA Metals Sector



### SCA Chemicals Sector



\* Please see pages 20-25 for SCA Industrial Growth Universe and additional information in the "Notes" section at the end of this report.



### SCA Resource Recovery & Waste Management Sector

### SCA Plastics & Packaging Sector



# Solution Notable Industry Developments



### Crude Oil Prices Continue to Drop in Q2 2020

WYI prices averaged \$29.1 in June 2019, down \$54.9 from the average for the same time period in 2019. Price decreases in June reflect market expectations that global economic conditions in 2020 will slow down significantly versus previous expectations due to the current COVID-19 pandemic, and the announced maximum capacity of oil reserve depots. According to the U.S. Energy Information Administration (EIA), price pressure will continue to remain volatile from the impact of more difficult economic conditions despite efforts by OPEC for oil production cuts.

#### **U.S. Steel Imports Continue to Decline**

The International Trade Administration reported that the U.S. imported a total of 1,790,000 net tons (NT) of steel in May 2020, however finished steel imports rose 13.2% to around 1,490,000 million net tons for the reported month. The decline in imports appears to reflect the impacts of the coronavirus pandemic and 25% tariff on steel imports, which the Trump administration had levied in 2018 under Section 232 of the Trade Expansion Act of 1962. Meanwhile, finished steel import market share was estimated at 23% in May, per AISI. For the first five months of 2020, the finished steel import market share was estimated at 18%. For 2020, annualized total and finished steel imports are expected to be 26.4 million net tons (down 5.7% year over year) and 17.5 million net tons (down 16.7%), respectively, AISI noted.

#### U.S. Chemical Production Dropped Due to Recent Events in C

The Chemical Activity Barometer (CAB), a leading economic indicator created by the American Chemistry Council (ACC), eased 0.3% in June on a three-month moving average basis following a 4.6% decline in May. On a year-over-year basis, the barometer fell 12.0% in June.

The unadjusted data show a 3.5% gain in June following a 2.2% gain in May and a 6.3% decline in April. The diffusion index rose from 35% to 53%. The diffusion index marks the number of positive contributors relative to the total number of indicators monitored. The CAB reading for May was revised upward by 2.68 points and the April reading was revised upward by 0.05 points.

### Second Quarter 2020

### Economic Activity in the Manufacturing Sector Expanded in June

The U.S. manufacturing outlook continues to expand, albeit at slower rates, as the Institute for Supply Management released a 52.6% PMI score for June 2020, an increase of 950 bps from May. A PMI score above 50%, over a period of time, represents expansion of the overall economy. The PMI recorded its lowest level in Q1 2020 since April 2009, when it registered 39.9%. Among the major industries, the four that reported contraction in June are: Transportation Equipment, Primary Metals, Fabricated Metal Products, and Machinery.

### GDP Growth Declines 10.0% as the Economy Continues to Slow

The Bureau of Labor Statistics reported an estimated Q2 2020 real GDP decline of -10.0%, whereas in the first guarter of 2020, real GDP decreased -4.8%. The decrease in real GDP in the second guarter reflected negative contributions from personal consumption expenditures, nonresidential fixed investment, exports, and private inventory investment that were partly offset by positive contributions from residential fixed investment, federal government spending, and state and local government spending due to the ongoing Covid-19 pandemic. Current-dollar personal income increased \$1.39 trillion in the second quarter, compared with an increase of \$193.4 billion in the first guarter. The increase in personal income was more than accounted for by an increase in personal current transfer receipts (notably, government social benefits) that was partly offset by declines in compensation and proprietors' income.



Analytical Instrumentation	and Testing Equipment
Annual Rocky Mountain Conference on Magnetic Resonance July 6, 2020 Denver, CO	Clinical Lab Expo July 26, 2020 Chicago, IL
Electronics and Component	ts
70th ECTC August 15, 2020 Lake Buena Vista, FL	EPEPS October 4-7, 2020 San Jose, CA
Precision Machine Product	s, Toolings, and Stampings
Precision Machined Products Association 2020 Conference Postponed to August 27, 2020 Milwaukee, WI	International Conference on Precision Engineering and Metrology ICPEM Postponed to Oct 9-10, 2020 New York, NY
Metals	
Technological Innovations in Metals Engineering Postponed for reschedule in Fall 2020 Youngstown, DH	10th Annual Beaver Creek Precious Metals Summit September 15-17, 2020 Virtual
Resource Recovery and Wa	aste Management
12th Waste Conversion Technology Conference & Trade Show (WCTC 2020) August 17-19, 2020 San Diego, CA	Envision 2030 – Energy Marketing Conference November 17-19, 2020 Orlando, FL
Chemicals	
Fall 2020 Virtual Meeting & Expo August 17, 2020 Virtual	SWRM / SERMACS Regional Meeting October 14, 2020 New Orleans, LA
Plastics and Packaging	
Global Plastics Summit October 21-23, 2020 Virtual	American Packaging Conference Rescheduled for Nov 18-19, 2020 Lombard, IL
Note: Conferences may be	e rescheduled and/or virtual



# C Selected M&A Transactions



Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA					
6/30/2020	Baker Hughes (Lufkin Rod Lift Business)	KPS Capital Partners	n/a	n/a	n/a					
Description:	undisclosed sum. Baker Hughes	The Company, a subsidiary of Baker Hughes (NYSE: BKR), was acquired by KPS Capital Partners for an undisclosed sum. Baker Hughes is a manufacturer and seller of artificial lift and parts created to optimize and extend the production life of wells based in Missouri City, TX.								
6/30/2020	Taylor Dynamometer	Power Test	n/a	n/a	n/a					
Description:	1 5 1 5	Power Test for an undisclosed amou oment and related proprietary diagno								
6/29/2020	Honeymoon Paper Products	Southern Champion Tray	n/a	n/a	n/a					
Description:	1 5 1 5	Southern Champion Tray for an und ackaging products based in Fairfield		nt. Honeymoon	Paper					
6/29/2020	Orbis Intelligent Systems	Cadence Equity Partners; Unigestion	n/a	n/a	n/a					
Description:		Cadence Equity Partners and Unige bis Intelligent Systems is a provider eters based in San Diego, CA.			•					
6/23/2020	Giner Elx	Plug Power (Nasdaq: PLUG)	n/a	n/a	n/a					
Description:		Plug Power (Nasdaq: PLUG) for an en generators based in Newton, MA		nount. Giner El	x is a					
6/23/2020	United Hydrogen	Plug Power (Nasdaq: PLUG)	n/a	n/a	n/a					
Description:		Plug Power (Nasdaq: PLUG) for an gen products based in Canonsburg,		nount. United H	lydrogen is a					
6/22/2020	Anixter International	WESCO International (NYSE: WCC)	\$4,500.0	0.5x	10.5x					
Description:		WESCO International (NYSE: WCC curity, electrical, and utility power p	, .							

Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA				
Epolin Chemicals	Chroma Color	n/a	n/a	n/a				
Epolin Chemicals is a manufactu	The Company was acquired by Chroma Color, a subsidiary of Carolina Color, for an undisclosed amount. Epolin Chemicals is a manufacturer and developer of near infrared absorbing dyes, coatings and thermoplas compounds based in Newark NJ							
Domo Industry	Taizhou Fuling Plastics Co. (Nasdag: FORK)	n/a	n/a	n/a				
	Total Faith Holdings, a subsidiary of		· ·					
RnAgri	RNAissance Ag	n/a	n/a	n/a				
	-	-	•	of gene				
Kemet Corp.	Yageo (TAI: 2327)	\$1,640.0	1.3x	10.9x				
	•		-					
Paradise Plastics	Portage Plastics	n/a	n/a	n/a				
	•							
All Temp Refrigeration	TJM Capital Partners	n/a	n/a	n/a				
The Company was acquired by TJM Capital Partners for an undisclosed sum. All Temp Refrigeration is a designer, installer and servicer of industrial refrigeration and HVAC solutions based in Cedar Rapids, IA.								
	of industrial refrigeration and HVAC	solutions based	d in Cedar Rapi					
	of industrial refrigeration and HVAC Predictive Oncology (Nasdaq: POAI)	solutions based n/a	d in Cedar Rapi <b>n/a</b>					
	<ul> <li>Epolin Chemicals</li> <li>The Company was acquired by Epolin Chemicals is a manufact compounds based in Newark, N</li> <li>Domo Industry</li> <li>The Company was acquired by FORK) for an undisclosed amou Collins, CO.</li> <li>RnAgri</li> <li>The Company was acquired by regulation technology designed</li> <li>Kemet Corp.</li> <li>The Company was acquired by manufactures and sells passive Lauderdale, FL.</li> <li>Paradise Plastics</li> <li>The Company was acquired by manufacturer of packaging prodeplant City, FL.</li> <li>All Temp Refrigeration</li> </ul>	Epolin ChemicalsChroma ColorThe Company was acquired by Chroma Color, a subsidiary of CarolEpolin Chemicals is a manufacturer and developer of near infrared a compounds based in Newark, NJ.Domo IndustryTaizhou Fuling Plastics Co. (Nasdaq: FORK)The Company was acquired by Total Faith Holdings, a subsidiary of FORK) for an undisclosed amount. Domo Industry is a manufacture Collins, CO.RnAgriRNAissance AgThe Company was acquired by RNAissance Ag for an undisclosed a regulation technology designed to produce ribonucleic acid (RNA) bKemet Corp.Yageo (TAI: 2327)The Company was acquired by Yageo (TAI: 2327) for \$1.64 billion. I manufactures and sells passive electronic components under the KI Lauderdale, FL.Paradise PlasticsPortage Plastics for an undisclosed manufacturer of packaging products for the food, horticultural, agrice Plant City, FL.All Temp RefrigerationTJM Capital Partners	TargetBuyerValue (\$ mm)Epolin ChemicalsChroma Colorn/aThe Company was acquired by Chroma Color, a subsidiary of Carolina Color, for a Epolin Chemicals is a manufacturer and developer of near infrared absorbing dyes compounds based in Newark, NJ.Taizhou Fuling Plastics Co. (Nasdaq: FORK)n/aDomo IndustryTaizhou Fuling Plastics Co. (Nasdaq: FORK)n/aThe Company was acquired by Total Faith Holdings, a subsidiary of Taizhou Fuling FORK) for an undisclosed amount. Domo Industry is a manufacturer of plastic disp Collins, CO.n/aRnAgriRNAissance Agn/aThe Company was acquired by RNAissance Ag for an undisclosed amount. RnAgri regulation technology designed to produce ribonucleic acid (RNA) based in St. LocKemet Corp.Yageo (TAI: 2327)\$1,640.0The Company was acquired by Yageo (TAI: 2327) for \$1.64 billion. Kemet Corp., to manufactures and sells passive electronic components under the KEMET brand wi 	TargetBuyerValue (\$ mm)Value / RevenueEpolin ChemicalsChroma Colorn/an/aThe Company was acquired by Chroma Color, a subsidiary of Carolina Color, for an undisclosed at Epolin Chemicals is a manufacturer and developer of near infrared absorbing dyes, coatings and to compounds based in Newark, NJ.Taizhou Fuling Plastics Co. (Nasdaq: FORK)n/an/aDomo IndustryTaizhou Fuling Plastics Co. (Nasdaq: FORK)n/an/an/aThe Company was acquired by Total Faith Holdings, a subsidiary of Taizhou Fuling Plastics Co. (Nestor an undisclosed amount. Domo Industry is a manufacturer of plastic disposables based Collins, CO.n/an/aRnAgriRNAissance Agn/an/aThe Company was acquired by RNAissance Ag for an undisclosed amount. RnAgri is a developer regulation technology designed to produce ribonucleic acid (RNA) based in St. Louis, MO.1.3xKemet Corp.Yageo (TAI: 2327)\$1,640.01.3xThe Company was acquired by Yageo (TAI: 2327) for \$1.64 billion. Kemet Corp., together with its manufactures and sells passive electronic components under the KEMET brand worldwide based Lauderdale, FL.n/aParadise PlasticsPortage Plastics for an undisclosed amount. Paradise Plastics is a manufacturer of packaging products for the food, horticultural, agricultural, optical and retail indust Plant City, FL.All Temp RefrigerationTJM Capital Partnersn/aAll Temp RefrigerationTJM Capital Partnersn/an/a				



Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
6/2/2020	Everite Machine Products	Arcline Investment Management; Glebar Company	n/a	n/a	n/a
Description:	for an undisclosed sum. Everite	Glebar Company, via its financial sp Machine Products is a manufacture zed machine tools based in Pennsa	r and supplier of		
6/2/2020	Glebar Company	Arcline Investment Management	n/a	n/a	n/a
Description:	The Company was acquired by A manufacturer of machine tools b	Arcline Investment Management for	an undisclosed	d sum. Glebar (	Company is a
6/2/2020	Seminole Wire and Cable Co.	Copperweld Bimetallics; Kinderhook Industries	n/a	n/a	n/a
Description:		Copperweld Bimetallics, via its finan Vire and Cable Co. is a manufacture	•		
6/1/2020	Verdant BioSciences	Ackermans & van Haaren (BRU: ACKB); Sipef (BRU: SIP)	\$8.6	n/a	n/a
Description:		me Darby Plantation (KLS: 5285), v ACKB) for \$8.61 million. Verdant B			,
6/1/2020	A.L. Lee Corporation	Irwin Car & Equipment	n/a	n/a	n/a
Description:		trata Worldwide, was acquired by In a manufacturer of underground equ			
6/1/2020	Beller and Backes	Mitchell Equipment	n/a	n/a	n/a
Description:	The Company was acquired by I operator of agriculture dealership	Mitchell Equipment for an undisclose b based in Humphrey, NE.	ed amount. Bel	ler and Backes	is an
6/1/2020	D&L Machine Company	Summit Machine Solutions	n/a	n/a	n/a
Description:		Summit Machine Solutions for an ur arts and machinery based in Akron,		unt. D&L Mach	ine Company

Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
5/30/2020	Axatronics	Brown Machine Group; Industrial Growth Partners	n/a	n/a	n/a
Description:		rown Machine Group, via its financ s a manufacturer of automation and	•		
5/29/2020	КМСО	Altivia	n/a	n/a	n/a
Description:		ltivia for an undisclosed sum. KMC ssing and specialty chemical manu	•		
5/28/2020	MicroCare	Capital Partners	\$36.0	n/a	n/a
Description:	The Company was acquired by C manufacturer of industrial cleanin	apital Partners and its managemer g fluids based in New Britain, CT.	nt for an undisc	closed sum. Mic	roCare is a
5/28/2020	Polaris Electrical Connectors	NSi Industries; Audax Group; Odyssey Investment Partners	n/a	n/a	n/a
Description:		Si Industries, via its financial spons . Polaris Electrical Connectors is a		• •	•
5/26/2020	Morris Industries	Rite Way Manufacturing; Westcap Management; Business Development Bank of Canada	n/a	n/a	n/a
Description:	sponsors Westcap Management	nitive agreement to be acquired by and Business Development Bank c pricultural equipment designed to en	of Canada, for a	an undisclosed	sum. Morris
5/21/2020	Yown's Boiler & Furnace Service	Thermogenics Boilers; Ironbridge Equity Partners	n/a	n/a	n/a
Description:		hermogenics Boilers, via its financi oiler & Furnace Service is an opera n Jacksonville, FL.	•	• • •	
5/20/2020	Carter Motor Company	Orchid International	n/a	n/a	n/a
Description:		e agreement to be acquired by Orc s a manufacturer of motors in Warr		al for an undisc	losed



Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA				
5/18/2020	CVC Thermoset Specialties	Huntsman (NYSE: HUN)	\$300.0	2.6x	10.0x				
Description:	The Company, a subsidiary of Emerald Performance Materials, was acquired by Huntsman (NYSE: HUN) for \$300 million. CVC Thermoset Specialties is a manufacturer and distributor of specialty epoxy resins for coatings and adhesive formulators based in Moorestown, NJ.								
5/18/2020	Shark Innovative Technologies	Dalrada Financial (PINX: DFCO)	n/a	n/a	n/a				
Description:		alrada Financial (PINX: DFCO) for ay products and services based in \$			k Innovative				
5/14/2020	MNStar Technologies	Highland Properties	n/a	n/a	n/a				
Description:		e agreement to be acquired by Hig a manufacturer of patented electric	, i						
5/11/2020	Better Harvest	Deveron UAS (CNQ: DVR)	\$0.3	0.6x	n/a				
Description:	The Company was acquired by D agricultural consultancy services	everon UAS (CNQ: DVR) for \$265 in Dumas, TX.	i,000. Better Ha	arvest is a provi	der of				
5/7/2020	Schoeneck Containers	Mason Wells	\$85.0	n/a	n/a				
Description:	The Company was acquired by N supplier of plastic containers base	lason Wells for \$85 million. Schoer ed in New Berlin, WI.	neck Container	s is a manufact	urer and				
5/7/2020	LaderaTech	Perimeter Solutions; HarbourVest Partners; SK Capital Partners	n/a	n/a	n/a				
Description:		erimeter Solutions, via its financial ed sum. LaderaTech is a develope based in Englewood, CO.	•						
5/6/2020	Briggo	Coca Cola Bottling Company (Nasdaq: COKE)	n/a	n/a	n/a				
Description:		oca Cola Bottling Company (Nasd coffee kiosks based in Austin, TX.	• •	an undisclosed	amount.				
5/6/2020	Croydon	Brook & Whittle; Snow Phipps Group	n/a	n/a	n/a				
Description:	Snow Phipps Group, for an undis	nveo (NYS: CVO), was acquired b closed sum. Croydon is a designer pels, folding cartons and inserts for	r and manufact	urer of packing	products				

Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA
5/6/2020	Performance Lab	Pear Sports	n/a	n/a	n/a
Description:		Pear Sports for an undisclosed amo to offer programs for diagnostics of			eloper of
5/4/2020	Mistyk	Apple Rush (PINX: APRU)	n/a	n/a	n/a
Description:		Apple Rush (PINX: APRU), a subsid /k is a manufacturer of household a			•
4/30/2020	Faro Technologies (Nasdaq: FARO)	Mecco Partners	n/a	n/a	n/a
Description:		ve agreement to be acquired by Me s a global technology company bas			sclosed
4/30/2020	Gelest	Mitsubishi Chemical	n/a	n/a	n/a
Description:	amount. Gelest is a manufacture	ve agreement to be acquired by Mits r and supplier of commercial and re ounds and silicones based in Morri	esearch quantit		
4/30/2020	ILSCO	ECM Industries; NXT Capital; Sentinel Capital Partners	n/a	n/a	n/a
Description:		ECM Industries, via its financial spone. ILSCO is a manufacturer of electr			
4/30/2020	Toscotec	Voith	n/a	n/a	n/a
Description:	The Company was acquired by N machines for the tissue and pape	/oith for an undisclosed amount. To er industry.	scotec is a des	signer and manu	ufacturer of
4/30/2020	Westbridge Agricultural Products	Erber Group	n/a	n/a	n/a
Description:		EFB division of the Erber Group for er of agricultural products in Vista, C		l amount. West	bridge
4/27/2020	Princeton Technology (US)	Intervala	n/a	n/a	n/a
Description:	The Company was acquired by la manufacturer of electrical produc	ntervala for an undisclosed amount ets based in Hudson, NH.	. Princeton Tec	chnology (US) is	sa



Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA					
4/20/2020	Shoreline Container	New-Indy Containerboard; Schwarz Partners; The Kraft Family Foundation	n/a	n/a	n/a					
Description:	The Kraft Family Foundation for a	The Company was acquired by New-Indy Containerboard, via its financial sponsors Schwarz Partners and The Kraft Family Foundation for an undisclosed sum. Shoreline Container is a manufacturer and designer of customized container and packaging solutions based in Holland, MI.								
4/17/2020	DS Smith	TriMas (Nasdaq: TRS)	n/a	n/a	n/a					
Description:		DS Smith Plastics, was acquired b f flexible packaging, dispensing and								
4/16/2020	Andrew Alliance	Waters (NYSE: WAT)	n/a	n/a	n/a					
Description:	The Company was acquired by W easy-to-use robots and connected	/aters (NYSE: WAT) for \$80 million d devices.	. Andrew Alliar	nce is a manufa	cturer of					
4/16/2020	Formulae Development	Omya	n/a	n/a	n/a					
Description:	The Company was acquired by O formulations for cosmetic product	mya for an undisclosed amount. Fo s based in Hazlet, NJ.	ormulae Devel	opment is a dev	eloper of					
4/9/2020	Chicago Switchboard Company	4C Capital	n/a	n/a	n/a					
Description:	The Company, a subsidiary of CS	B Investco., was acquired by 4C C facturer of custom-engineered elec	•		•					
4/8/2020	Net Irrigate	Lindsay (NYSE: LNN)	n/a	n/a	n/a					
Description:		indsay (NYSE: LNN) for an undisclution in the second strain is second strain in the second strain in the second strain is second strain in the second strain								
4/8/2020	Rocky Mountain High Brands (DFW Co-Packing)	Eagle Processing & Distribution	n/a	n/a	n/a					
Description:		cky Mountain High Brands, was ac y Mountain High Brands (DFW Co-		-						
4/3/2020	Micronor	Photon Control (TSE: PHO)	\$0.8	0.6x	n/a					
Description:	The Company was acquired by P optic kinetic sensors based in Car	hoton Control (TSE: PHO) for \$844 marillo, CA.	4,000. Microno	r is a manufacti	urer of fiber					

Date	Target	Buyer	Enterprise Value (\$ mm)	Enterprise Value / Revenue	Enterprise Value / EBITDA				
4/2/2020	BBC Biochemical	StatLab Medical Products; Cressey & Company	n/a	n/a	n/a				
Description:	The Company was acquired by StatLab Medical Products, via its financial sponsor Cressey & Company, for an undisclosed sum. BBC Biochemical is a manufacturer of chemicals for laboratories based in Mount Vernon, WA.								
4/2/2020	Precision Abrasives	Gioia Capital	n/a	n/a	n/a				
Description:		ioia Capital, via its financial sponso sives is a manufacturer and supplie		•					
4/1/2020	OMNOVA Solutions (NYSE: OMN)	Synthomer (LSE: SYNT)	\$473.0	0.7x	14.7x				
Description:		ynthomer (LSE: SYNT) for approxi sells a variety of chemicals and ch	•						
4/1/2020	FusionPKG	AptarGroup (NYSE: ATR)	\$198.9	2.5x	n/a				
	The Company was acquired by AptarGroup (NYSE: ATR) for \$198.9 million. FusionPKG is a designer and manufacturer of packaging products based in Dallas, TX.								



# **Waluation** Metrics by Sector



Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enterprise Value to:		P/E	
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Analytic	al Instrumentation and T	esting Eq	uipment <sup>[1]</sup>						
AME	AMETEK	\$89.37	87.4%	\$20,504.3	\$22,677.9	4.5x	15.2x	18.2x	21.9x
CGNX	Cognex	59.72	92.9%	10,253.2	9,872.7	13.7x	56.0x	65.8x	54.8x
ESE	ESCO Technologies	84.53	78.9%	2,200.9	2,265.7	2.9x	15.9x	13.9x	30.1x
HEI.A	HEICO	81.24	71.5%	11,944.7	12,565.7	6.1x	23.0x	28.7x	30.5x
MTD	Mettler-Toledo International	805.55	92.2%	19,258.7	20,504.5	6.9x	25.5x	25.5x	36.5x
MTSC	MTS Systems	17.59	27.8%	338.4	872.4	1.0x	8.5x	nm	15.2x
					Mean	4.3x	13.2x	16.1x	26.8x

Electronics and Components <sup>[2]</sup>									
APH	Amphenol	\$95.81	86.9%	\$28,349.6	\$31,118.3	3.8x	16.8x	19.3x	26.1x
AYI	Acuity Brands	95.74	66.7%	3,794.9	3,740.5	1.1x	7.9x	7.9x	14.0x
BELFA	Bel Fuse	10.02	56.9%	130.1	214.5	0.5x	23.9x	11.8x	nm
ETN	Eaton	87.48	82.7%	34,992.0	43,381.0	2.1x	11.8x	16.4x	17.2x
LFUS	Littelfuse	170.63	87.1%	4,142.4	4,319.1	3.0x	16.0x	18.6x	33.4x
					Mean	2.1x	13.1x	14.8x	19.1x

Precisi	on Machine Products,	Tooling and S	Stampings	[3]					
CW	Curtiss-Wright	\$89.28	59.6%	\$3,718.6	\$4,608.0	3.8x	8.6x	nm	12.6x
HURC	Hurco Companies	27.97	71.0%	185.4	152.8	1.1x	37.4x	nm	nm
KMT	Kennametal	28.71	74.1%	2,380.5	2,978.8	0.5x	13.3x	9.7x	36.8x
ROLL	RBC Bearings	134.04	72.4%	3,356.5	3,305.4	2.1x	17.6x	19.2x	26.5x
SHLO	Shiloh Industries	1.62	29.5%	39.2	348.2	3.0x	7.7x	nm	nm
TKR	The Timken Company	45.49	77.4%	3,414.8	5,168.5	nm	7.6x	10.1x	9.9x
					Mean	2.1x	9.3x	9.9x	21.5x

Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	orise Valı	ue to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Metals F	Processors								
ATI	Allegheny Technologies	\$10.19	39.8%	\$1,290.4	\$2,456.9	0.6x	4.9x	8.8x	5.4x
CMC	Commercial Metals	20.40	84.9%	2,429.0	3,166.5	0.6x	5.1x	5.5x	8.3x
RS	Reliance Steel & Aluminum	94.93	77.7%	6,041.4	7,915.6	0.7x	7.0x	9.9x	11.2x
TSX:RUS	Russel Metals	11.88	67.5%	738.5	1,133.0	0.4x	9.0x	10.9x	18.6x
SCHN	Schnitzer Steel Industries	17.64	64.2%	478.0	737.8	0.4x	7.6x	nm	20.5x
ASX: SGM	Sims Metal Management	5.45	61.2%	1,103.5	1,245.5	0.3x	9.5x	6.4x	nm
WOR	Worthington Industries	37.30	83.5%	2,037.2	2,771.9	0.9x	11.8x	11.5x	26.5x
					Mean	0.6x	7.8x	8.8x	15.1x
Tube an	d Pipe Producers <sup>[4]</sup>								
NWPX	Northwest Pipe Company	\$25.07	68.3%	\$245.4	\$279.3	1.0x	6.2x	nm	9.3x
STLD	Steel Dynamics	26.09	72.9%	5,487.6	6,741.4	0.7x	5.2x	6.7x	8.7x
SYNL	Synalloy	7.48	43.6%	67.8	183.7	0.6x	19.2x	nm	nm
MIL:TEN	Tenaris	6.46	46.6%	7,631.7	7,751.7	1.1x	11.6x	12.0x	nm
Х	United States Steel	7.22	45.4%	1,591.1	5,210.1	0.4x	nm	nm	nm
					Mean	0.8x	7.7x	9.4x	9.0x

Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	orise Valı	ue to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Metals F	Processors								
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WOR	Worthington Industries	37.30	83.5%	2,037.2	2,771.9	0.9x	11.8x	11.5x	26.5x
					Mean	0.6x	7.8x	8.8x	15.1x
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SYNL	Synalloy	7.48	43.6%	67.8	183.7	0.6x	19.2x	nm	nm
MIL:TEN	Tenaris	6.46	46.6%	7,631.7	7,751.7	1.1x	11.6x	12.0x	nm
Х	United States Steel	7.22	45.4%	1,591.1	5,210.1	0.4x	nm	nm	nm
					Mean	0.8x	7.7x	9.4x	9.0x

[1] AME excluded from mean calculation of Revenue multiple; CGNX, HEI.A and MTD excluded from mean calculation of EBITDA multiples; CGNX excluded from mean calculation of P/E multiple. [2] BELFA excluded from mean calculation of LTM EBITDA multiple; LFUS excluded from mean calculation of P/E multiple.

[3] HURC and ROLL excluded from mean calculation of LTM EBITDA multiple; ROLL excluded from mean calculation of NTM EBITDA multiple.

[4] SYNL excluded from mean calculation of LTM EBITDA multiple.



Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	prise Valu	ie to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Resourc	ce Recovery and Waste N	lanagen	nent <sup>[5]</sup>						
CWST	Casella Waste Systems	\$52.12	92.8%	\$2,517.9	\$3,125.4	4.1x	21.5x	20.2x	72.4x
CECE	CECO Environmental	6.59	67.8%	233.2	272.2	0.8x	9.2x	9.3x	12.2x
CLH	Clean Harbors	59.98	67.9%	3,333.6	4,710.5	1.3x	8.7x	10.5x	30.9x
HCCI	Heritage-Crystal Clean	17.46	53.6%	406.1	467.9	1.1x	11.0x	16.4x	25.3x
RSG	Republic Services	82.05	81.3%	26,117.5	35,048.6	3.4x	12.4x	12.8x	24.3x
ECOL	US Ecology	33.88	50.4%	1,067.3	1,872.2	2.4x	nm	10.4x	nm
WCN	Waste Connections	93.79	89.2%	24,656.6	28,826.6	5.2x	17.6x	18.6x	42.6x
WM	Waste Management	105.91	83.5%	44,696.7	55,025.7	3.6x	13.4x	13.6x	26.8x
					Mean	2.7x	12.1x	13.1x	23.9x

Diversi	fied Chemicals								
ASH	Ashland Global Holdings	\$69.10	84.5%	\$4,177.5	\$5,984.5	2.5x	nm	11.3x	nm
CBT	Cabot	37.05	73.3%	2,091.6	3,256.6	1.0x	8.2x	7.2x	20.6x
DOW	Dow Chemical	40.76	72.5%	30,192.2	47,306.2	1.1x	18.9x	9.0x	nm
EMN	Eastman Chemical Company	69.64	82.9%	9,463.7	15,152.7	1.7x	8.6x	8.7x	11.8x
FMC	FMC	99.62	91.6%	12,895.5	16,268.6	3.5x	16.7x	12.8x	23.8x
LYB	LyondellBasell Industries Holdings	65.72	66.4%	21,925.4	35,112.4	1.0x	7.2x	9.2x	8.4x
OLN	Olin	11.49	52.2%	1,813.7	5,482.3	0.9x	8.5x	9.2x	nm
					Mean	1.7x	11.3x	9.6x	16.2x

[5] CWST excluded from mean caluation of EBITDA multiples; CWST and WCN excluded from mean calculation of P/E multiple.

Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	orise Valı	ue to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Special	y Chemicals <sup>[6]</sup>								
ALB	Albemarle	\$77.21	77.7%	\$8,208.9	\$10,983.8	3.1x	13.7x	14.9x	16.2x
DD	Du Pont de Nemours	53.13	69.9%	38,986.6	55,934.6	2.6x	24.8x	11.8x	nm
ECL	Ecolab	198.95	86.0%	56,550.8	63,269.1	4.2x	20.4x	21.8x	37.6x
FOE	Ferro	11.94	75.2%	982.0	1,766.4	1.7x	15.7x	12.6x	26.5x
FUL	H.B. Fuller	44.60	85.1%	2,299.9	4,158.1	1.5x	10.9x	10.9x	18.7x
HUN	Huntsman	17.97	72.2%	3,963.0	5,102.0	0.7x	8.9x	10.4x	16.2x
IFF	International Flavors & Fragrances	122.46	83.2%	13,085.0	17,011.5	3.3x	16.5x	15.9x	29.3x
MTX	Minerals Technologies	46.93	79.3%	1,600.9	2,342.6	1.3x	8.0x	6.8x	12.4x
AVNT	PolyOne	26.23	70.3%	2,397.4	2,404.0	0.8x	8.4x	7.2x	20.2x
PPG	PPG Industries	106.06	78.9%	25,022.0	30,200.0	2.0x	13.8x	15.3x	21.6x
KWR	Quaker Chemical	185.65	90.1%	3,296.9	4,124.7	3.2x	76.0x	20.5x	nm
SCL	Stepan	97.10	91.7%	2,182.1	2,178.5	1.2x	10.1x	9.2x	21.4x
					Mean	2.1x	13.8x	13.1x	22.0x
In durate 1									
	al Gases	<b>AO</b> ( ) ( <b>C</b>	00.00/			<b>0</b> 4		40 -	
APD	Air Products and Chemicals	\$241.46	93.9%	\$53,327.6	\$54,771.9	6.1x	14.5x	13.5x	27.3x

Indust	rial Gases								
APD	Air Products and Chemicals	\$241.46	93.9%	\$53,327.6	\$54,771.9	6.1x	14.5x	13.5x	27.3x
PX	Philex Mining	0.05	65.9%	263.3	457.4	3.5x	63.1x	nm	nm
					Mean	4.8x	14.5x	13.5x	27.3x

[6] KWR excluded from mean calculation of LTM EBITDA multiple.



Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	prise Valu	ue to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
Paper a	nd Corrugated Packaging	]							
GPK	Graphic Packaging	\$13.99	82.5%	\$3,907.6	\$7,822.7	1.3x	9.6x	7.5x	29.8x
GEF	Greif	34.41	68.3%	1,830.5	4,836.1	1.0x	7.7x	7.4x	11.9x
IP	International Paper	35.21	73.9%	13,839.0	29,429.0	1.3x	9.9x	10.7x	21.2x
PKG	Packaging Corporation of America	99.80	86.9%	9,465.3	11,345.1	1.6x	8.2x	9.8x	14.6x
SON	Sonoco	52.29	78.5%	5,246.2	7,017.2	1.3x	10.1x	9.4x	17.7x
WRK	WestRock	28.26	63.7%	7,326.5	17,560.1	1.0x	5.7x	6.6x	8.6x
					Mean	1.3x	8.5x	8.6x	17.3x

Plastic	s/Films <sup>[7]</sup>								
ATR	AptarGroup	\$111.98	88.9%	\$7,187.6	\$8,187.4	2.9x	14.6x	14.5x	31.6x
BERY	Berry Global	44.32	80.2%	5,872.4	16,513.4	1.5x	9.6x	7.8x	14.4x
ITP	Intertape Polymer Group	8.77	60.2%	517.6	1,103.8	1.0x	7.2x	7.8x	11.5x
MYE	Myers Industries	14.55	75.5%	520.4	530.1	1.1x	7.2x	9.6x	29.7x
TG	Tredegar	15.40	65.6%	516.1	544.0	0.6x	9.7x	nm	85.6x
					Mean	1.4x	9.7x	9.9x	21.8x
Flexibl	e Packaging								

[7] TG excluded from mean calculation of P/E multiple.

Ticker	Company Name	Stock Price	% of 52 Week High	Market Cap (\$mm)	Enterprise Value (\$mm)	Enter	prise Valu	ıe to:	P/E
						LTM Revenue	LTM EBITDA	NTM EBITDA	
BMS	Braemar Shipping Services	\$1.49	47.7%	\$47.2	\$95.5	0.6x	7.4x	6.6x	8.2x
CCL.B	CCL Industries	32.13	61.8%	5,720.0	7,157.9	1.8x	9.1x	10.3x	16.0x
SEE	Sealed Air	32.85	71.6%	5,113.5	8,797.3	1.8x	11.5x	9.1x	14.9x
WPK	Winpak	30.45	79.7%	1,979.3	1,595.0	1.8x	8.3x	8.7x	18.0x
					Mean	1.5x	9.0x	8.7x	14.3x

### OVERALL INDUSTRIAL GROWTH SECTOR

Mean 2.1x 10.8x 11.3x	19.5x
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### **Notes**

- Sources: PitchBook, Bloomberg, Federal Reserve, Institute for Supply Management, company 10-K, 10-Q and 8-K SEC filings, annual reports, press releases, and others as indicated.
- Any public companies chosen for the "SCA Industrial Growth Universe" are companies commonly used for industry information to show performance within a sector. They do not include all public companies that could be categorized within the sector and were not created as benchmarks; they do not imply benchmarking and do not constitute recommendations for a particular security and/or sector. The charts and graphs used in this report have been compiled by SOLIC Capital Advisors solely for purposes of illustration.

For further information regarding our Industrial Growth Services, please contact: Edward R. Casas, Chairman & CEO/Senior Managing Partner, ecasas@soliccapital.com Matt Caine, Managing Director, mcaine@soliccapital.com

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Neil F. Luria Head of Restructuring Senior Managing Director

Gregory F. Hagood Head of Investment Banking Senior Managing Director

Robert E. Annas Senior Managing Director

Kim J. Brady Emeritus Senior Advisor

Matthew M. Caine Managing Director

George N. Koutsonicolis Managing Director

> Raoul Nowitz Managing Director

S. Waite Popejoy Managing Director

Matthew E. Rubin Senior Managing Director

Jeremy Stillings Managing Director

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### **SOLIC Capital Office Locations**

1603 Orrington Avenue Suite 1600 Evanston, Illinois 60201 3284 Northside Parkway, NW Suite 450 Atlanta, Georgia 30327 425 W. New England Avenue Suite 300 Winter Park, Florida 32789

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