

# **MANUFACTURING**

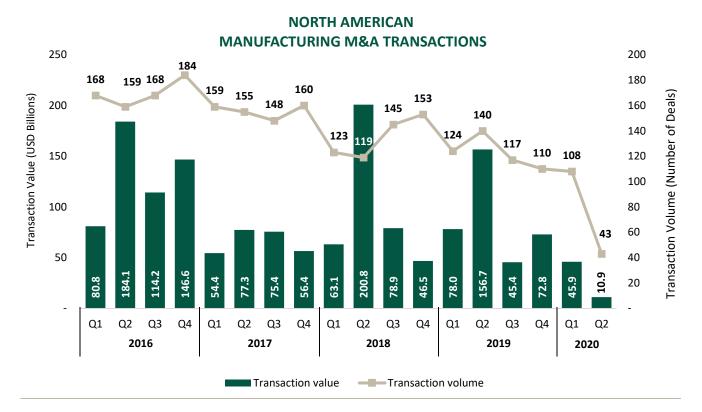
QUARTERLY UPDATE

Q2 2020

## **INDUSTRY OVERVIEW**



### **M&A TRANSACTIONS & PERFORMANCE**



#### M&A MARKET UPDATE – Q2 2020

- M&A activity within the manufacturing sector in North America fell in Q2 2020 to an unprecedented low in both
  volume and amount due to the impact of COVID-19. The number of disclosed deals during the quarter dropped to a
  mere 43 from 108 in the previous quarter, while total disclosed transaction value decreased from \$45.9 billion to only
  \$10.9 billion. The quarter's total transaction value was largely the result of a few significant deals:
  - Q2 2020's largest deal was KKR & Co. Inc.'s (KKR) strategic acquisition of Coty Inc.'s (Coty) professional and retail
    hair business, including Wella, Clairol, OPI and ghd brands for a total of roughly \$4 billion. Of this total, Coty will
    receive \$750 million at close, along with a \$250 million incremental investment, and then \$3 billion once Coty
    carves out Wella. Coty is one of the world's largest beauty companies with an iconic portfolio of brands across
    fragrance, color cosmetics, hair color and styling, and skin and body care.
  - The second largest transaction was Faith Dawn Limited's (Faith Dawn) proposed merger of China XD Plastics
    Company Limited ("China XD") for roughly \$1.5 billion. However, an investigation has been launched into whether
    the board members of China XD breached their fiduciary duties or violated the federal securities laws in
    connection with the company's proposed merger.
- Similar to prior periods, industry operators (i.e. strategic buyers) represented a significant portion of Q2 2020 total deal value and volume, at 85 percent and 91 percent respectively.
- The two most active sectors in Q2 2020 was healthcare manufacturing with 18 deals, followed by information technology manufacturing with only five deals.

### **INDUSTRY DRIVERS**

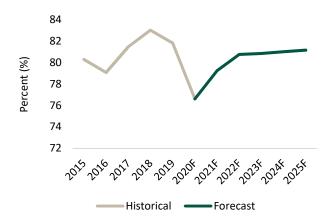


The key external drivers that affect the manufacturing industry in Canada include industrial capacity utilization, the world price of crude oil, the Canadian-dollar effective exchange rate index, and the consumer confidence index. The manufacturing industry was hit hard by the effects of COVID-19 in early 2020 as demand for products dampened and plants adjusted accordingly. Further downward pressure was felt from decreasing consumer confidence. However, the outlook for the next fiver years remains positive as all external drivers are expected to rebound from their lows in 2020. industrial capacity utilization is forecasted to respond favourably to growth in the Canadian and global economy. These expectations are under the assumption of COVID-19 being largely contained by 2021, however there is still much uncertainty in the market as the duration of the pandemic is unknown.

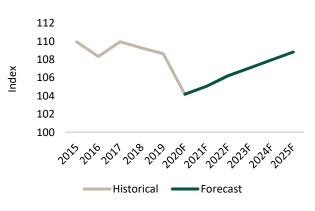
#### **COVID-19 IMPACT UPDATE:**

- Revenue for the Medical Device Manufacturing industry in Canada is expected to increase in 2020 due to the ongoing COVID-19 pandemic.
- Industry globalization is projected to decrease in 2020 due to COVID-19.
- Industry profit is projected to decrease in 2020 due to the industry's more difficult operating conditions in light of the COVID-19 pandemic.

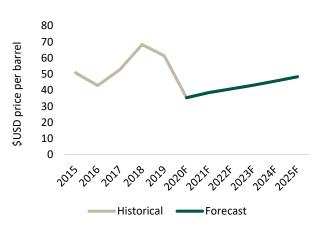
#### INDUSTRIAL CAPACITY UTILIZATION



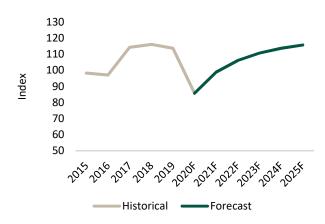
## CANADIAN-DOLLAR EFFECTIVE EXCHANGE RATE INDEX



#### WORLD PRICE OF CRUDE OIL



#### **CONSUMER CONFIDENCE INDEX**



Source: IBISWorld Industry Reports.

"F" indicates forecast.

## **SELECT RECENT M&A TRANSACTIONS**



#### INNOVATUS CAPITAL PARTNERS

acquired

VICIS'

Closed	Apr 4, 2020
TEV	\$4.0MM
TEV/EBITDA	Not disclosed
TEV/Revenue	0.21x

- VICIS, Inc. designs and manufactures innovative football helmets that mitigate linear and rotational impact forces.
- Innovatus Capital Partners, LLC is a New York-based private equity firm specializing in distressed and growth investments.
- "Under new ownership from Innovatus Capital Partners, Vicis and our assets will form a new company in order to fulfill our mission of protecting athletes of all ages," stated a message on Vicis' website.



acquired



Announced	Apr 24, 2020
TEV	\$17.5MM
TEV/EBITDA	Not disclosed
TFV/Revenue	0 45x

- Bare Board Group, Inc. manufactures printed circuit boards and is based out of Largo, Florida with offices in Canada and Taiwan.
- NCAB Group USA Inc. manufactures and sells printed circuit boards and is one of the world's largest suppliers of PCBs.
- "BBG will be a significant addition to NCAB in the US and we will together be a clear leader in the market.," stated President and CEO of NCAB, Hans Stahl.



acquired



Announced	June 11, 2020
TEV	\$55.8MM
TEV/EBITDA	Not disclosed
TEV/Revenue	2.47x

- Abacus Health Products, Inc. manufactures and sells over-the-counter (OTC) topical formulations infused with cannabidiol (CBD) extracted from hemps.
- Charlotte's Web Holdings, Inc. (Charlotte's Web) is the market leader in the production and distribution of innovative hemp-derived cannabidiol (CBD) wellness products.
- "The addition of Abacus Health cements a market leading position in both topical and ingestible products in the CBD category," commented Charlotte's Web CEO Deanie Elsner.



acquired

COVID Technologies Inc.

Closed	July 10, 2020
TEV	\$1.5MM
TEV/EBITDA	Not disclosed
TEV/Revenue	Not disclosed

- COVID Technologies Inc. is preparing to deliver needed personal protective equipment by providing Canadianmade, high quality, vapour barrier technology, protecting individuals from biological hazards, pathogens, and superbugs.
- Micron Waste Technologies Inc. (Micron) is a wellfunded industrial/technology company developing waste digesters using proprietary technology.
- Micron anticipates the demand for PPE will transcend the current need arising from the pandemic and will become a requirement post-pandemic.

Source: Capital IQ. All figures are in CAD.



# **PUBLIC COMPARABLE ANALYSIS**TRADING MULTIPLES & OPERATING STATISTICS

	Market	Enterprise	LTM Operating Figures				NTM Consensus Estimates			Valuation	
				Revenue		EBITDA	Revenue	EBITDA	NTM	LTM	LTM
Company	Capitalization	Value	Revenue	Growth	EBITDA	Margin	Growth		EV/EBITDA	EV/EBITDA	
Aerospace and Defense											
The Boeing Company	\$103,441	\$127,146	\$70,550	(29.9%)	(\$2,481)	(3.5%)	(2.5%)	5.2%	30.8x	N/A	1.8x
Lockheed Martin Corporation	\$102,336	\$113,078	\$62,920	9.4%	\$9,494	15.1%	5.9%	15.4%	11.3x	11.9x	1.8x
Raytheon Technologies Corporation	\$92,946	\$136,009	\$76,891	10.4%	\$14,692	19.1%	(20.8%)	14.6%	16.1x	9.3x	1.8x
General Dynamics Corporation	\$42,776	\$56,858	\$38,838	2.4%	\$5,866	15.1%	1.2%	13.3%	10.9x	9.7x	1.5x
Northrop Grumman Corporation	\$51,251	\$66,086	\$34,272	8.6%	\$4,486	13.1%	4.3%	14.3%	12.9x	14.7x	1.9x
Median	\$92,946	\$113,078	\$62,920	8.6%	\$5,866	15.1%	1.2%	14.3%	12.9x	10.8x	1.8x
Mean	\$78,550	\$99,836	\$56,694	0.2%	\$6,411	11.8%	(2.4%)	12.6%	16.4x	11.4x	1.8x
Agricultural and Farm Machinery											
Deere & Company	\$49,166	\$91,432	\$36,798	(5.7%)	\$5,832	15.8%	(22.3%)	14.9%	21.4x	15.7x	2.5x
CNH Industrial N.V.	\$9,492	\$30,037	\$27,083	(7.8%)	\$2,333	8.6%	(17.5%)	5.1%	26.8x	12.9x	1.1x
The Toro Company	\$7,110	\$7,887	\$3,270	18.5%	\$523	16.0%	0.3%	14.8%	16.2x	15.1x	2.4x
AGCO Corporation	\$4,152	\$5,850	\$8,974	(3.9%)	\$908	10.1%	(9.7%)	7.1%	10.3x	6.4x	.7x
Median	\$8,301	\$18,962	\$18,028	(4.8%)	\$1,620	13.0%	(13.6%)	11.0%	18.8x	14.0x	1.8x
Mean	\$17,480	\$33,801	\$19,031	0.3%	\$2,399	12.6%	(12.3%)	10.5%	18.7x	12.5x	1.7x
Auto Parts and Equipment											
Aptiv PLC	\$21,040	\$25,792	\$14,008	(2.6%)	\$2,153	15.4%	(13.3%)	11.5%	17.9x	12.0x	1.8x
Magna International Inc.	\$13,268	\$17,493	\$37,497	(7.7%)	\$4,217	11.2%	(18.6%)	6.7%	8.2x	4.1x	.5x
Lear Corporation	\$6,532	\$8,199	\$19,108	(7.1%)	\$1,862	9.7%	(14.8%)	6.3%	8.2x	4.4x	.4x
BorgWarner Inc.	\$7,317	\$8,506	\$9,881	(4.2%)	\$1,621	16.4%	(15.6%)	13.8%	7.2x	5.2x	.9x
Autoliv, Inc.	\$5,633	\$7,416	\$7,112	(16.9%)	\$991	13.9%	13.2%	14.7%	9.2x	7.5x	1.0x
Median	\$7,317	\$8,506	\$14,008	(7.1%)	\$1,862	13.9%	(14.8%)	11.5%	8.2x	5.2x	.9x
Mean	\$10,758	\$13,481	\$17,521	(7.7%)	\$2,169	13.3%	(9.8%)	10.6%	10.2x	6.7x	.9x
Automobile Manufacturers											
Tesla, Inc.	\$200,166	\$208,785	\$25,708	3.1%	\$3,445	13.4%	48.2%	17.5%	42.5x	60.6x	8.1x
General Motors Company	\$36,206	\$134,643	\$135,068	(7.4%)		9.6%	(16.9%)	12.0%	9.1x	10.4x	1.0x
Ford Motor Company	\$24,180	\$154,643	\$149,878	(5.6%)	\$9,189	6.1%	(22.3%)	3.7%	41.4x	17.3x	1.1x
Median	\$36,206	\$158,632	\$135,068	(5.6%)	\$9,189	9.6%	(16.9%)	12.0%	41.4x	17.3x	1.1x
Mean	\$86,851	\$167,353	\$103,551	(3.3%)	\$8,513	9.7%	3.0%	11.1%	31.0x	29.4x	3.4x
Construction Machinery and Heavy Truck	rs										
Caterpillar Inc.	\$68,467	\$99,392	\$50,969	(7.9%)	\$10,024	19.7%	(19.9%)	14.0%	18.4x	9.9x	2.0x
Cummins Inc.	\$25,543	\$28,298	\$22,578	(6.7%)	\$3,663	16.2%	(22.3%)	11.9%	13.4x	7.7x	1.3x
PACCAR Inc	\$25,878	\$32,741	\$20,708	(17.7%)	\$2,516	12.2%	(14.1%)	10.0%	24.4x	13.0x	1.6x
Median	\$25,878	\$32,741	\$22,578	(7.9%)	\$3,663	16.2%	(19.9%)	11.9%	18.4x	9.9x	1.6x
Mean	\$39,962	\$53,477	\$31,418	(10.8%)	\$5,401	16.0%	(18.8%)	12.0%	18.7x	10.2x	1.6x
Diversified Chemicals											
DuPont de Nemours, Inc.	\$38,987	\$55,935	\$21,319	(4.9%)	\$4,647	21.8%	(7.2%)	23.3%	12.2x	12.0x	2.6x
Eastman Chemical Company	\$30,967	\$55,955 \$15,319	\$9,134	(8.0%)	\$4,647	21.8%	(11.4%)	20.7%	9.1x	7.7x	1.7x
The Chemours Company	\$9,460	\$15,319	\$5,455	(13.2%)	\$1,999	9.4%	(10.0%)	16.3%	9.1x 7.5x	7.7x 11.9x	1.7x 1.1x
Huntsman Corporation	\$2,521	\$5,146	\$5,455	(3.7%)	\$758 \$758	9.4%	(15.1%)	7.9%	7.5x 11.1x	6.7x	.8x
Median	\$6,712	\$5,102	\$6,721	(6.4%)	\$1,379	16.5%	(15.1%)	18.5%	10.1x	9.8x	1.4x
Mean	\$13,733	\$10,732	\$10,657	(8.4%) (7.4%)	\$1,980	16.1%	(10.7%)	17.0%	10.1x 10.0x	9.6x 9.6x	1.4x 1.5x



# **PUBLIC COMPARABLE ANALYSIS**TRADING MULTIPLES & OPERATING STATISTICS

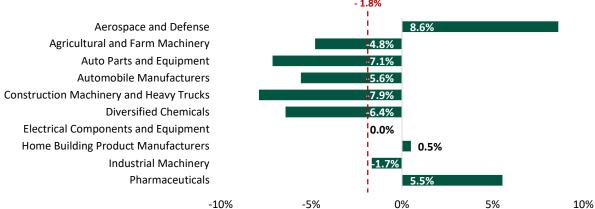
(Figures In SUSD Millions, except percentages and ratios)

	Market			ng Figures	S	NTM Consensus Estimates			Valuation		
Company		Enterprise	Revenue			EBITDA	Revenue	FRITDA	NTM	LTM	LTM
	Capitalization	Value	Revenue	Growth	EBITDA	Margin			EV/EBITDA	EV/EBITDA	EV/REV
Electrical Components and Equipment											
Emers on Electric Co.	\$37,061	\$42,726	\$17,968	(0.5%)	\$3,972	22.1%	(9.1%)	19.0%	13.7x	10.8x	2.4x
Eaton Corporation plc	\$34,992	\$43,567	\$20,874	(3.6%)	\$3,730	17.9%	(21.3%)	15.6%	16.5x	11.7x	2.1x
Rockwell Automation, Inc.	\$24,671	\$26,739	\$6,761	0.5%	\$1,588	23.5%	(7.9%)	17.6%	25.9x	16.8x	4.0x
AMETEK, Inc.	\$20,504	\$22,678	\$5,073	2.3%	\$1,434	28.3%	(12.5%)	28.5%	17.8x	15.8x	4.5x
Median	\$29,831	\$34,733	\$12,365	(0.0%)	\$2,659	22.8%	(10.8%)	18.3%	17.1x	13.7x	3.2x
Mean	\$29,307	\$33,928	\$12,669	(0.3%)	\$2,681	22.9%	(12.7%)	20.2%	18.5x	13.8x	3.2x
Home Building Product Manufacturers											
Masco Corporation	\$13,243	\$15,592	\$6,775	8.5%	\$1,308	19.3%	(3.4%)	18.3%	13.3x	11.9x	2.3x
Fortune Brands Home & Security, Inc.	\$8,819	\$11,029	\$5,839	5.1%	\$976	16.7%	(7.4%)	15.0%	14.3x	11.3x	1.9x
JELD-WEN Holding, Inc.	\$1,619	\$3,223	\$4,259	(3.5%)	\$384	9.0%	(7.6%)	8.5%	10.8x	8.4x	.8x
Masonite International Corporation	\$1,902	\$2,725	\$2,198	0.7%	\$318	14.5%	(8.3%)	15.0%	9.8x	8.6x	1.2x
American Woodmark Corporation	\$1,282	\$1,913	\$1,650	0.3%	\$248	15.0%	(9.1%)	12.2%	11.5x	7.7x	1.2x
Caesarstone Ltd.	\$408	\$349	\$544	(4.2%)	\$88	16.1%	(100.0%)	N/A	9.9x	4.0x	.6x
Median	\$1,760	\$2,974	\$3,228	0.5%	\$351	15.6%	(7.9%)	15.0%	11.1x	8.5x	1.2x
Mean	\$4,545	\$5,805	\$3,544	1.1%	\$553	15.1%	(22.6%)	13.8%	11.6x	8.6x	1.3x
Industrial Machinery											
Illinois Tool Works Inc.	\$55,241	\$61,506	\$13,785	(5.4%)	\$3,765	27.3%	(17.0%)	24.0%	22.6x	16.3x	4.5x
Parker-Hannifin Corporation	\$23,498	\$31,991	\$14,216	(1.7%)	\$2,713	19.1%	(9.8%)	16.5%	15.5x	11.8x	2.3x
Stanley Black & Decker, Inc.	\$21,482	\$28,983	\$14,238	0.9%	\$2,375	16.7%	(7.1%)	15.0%	15.6x	12.2x	2.0x
Fortive Corporation	\$22,799	\$28,053	\$7,441	13.5%	\$1,712	23.0%	(9.1%)	22.6%	18.5x	16.4x	3.8x
Ingersoll Rand Inc.	\$11,715	\$14,866	\$2,632	(2.2%)	\$526	20.0%	93.4%	17.9%	17.1x	28.3x	5.6x
Median	\$22,799	\$28,983	\$13,785	(1.7%)	\$2,375	20.0%	(9.1%)	17.9%	17.1x	16.3x	3.8x
Mean	\$26,947	\$33,080	\$10,462	1.0%	\$2,218	21.2%	10.1%	19.2%	17.9x	17.0x	3.6x
Pharmaceuticals											
Johnson & Johnson	\$370,503	\$380,062	\$80,503	(1.0%)	\$27,271	33.9%	4.7%	34.7%	14.2x	13.9x	4.7x
Pfizer Inc.	\$181,643	\$223,895	\$50,660	(5.9%)	\$20,514	40.5%	(7.9%)	46.9%	10.9x	10.9x	4.4x
Merck & Co., Inc.	\$195,189	\$215,839	\$48,081	11.6%	\$19,058	39.6%	(1.6%)	41.5%	11.2x	11.3x	4.5x
AbbVie Inc.	\$173,027	\$198,975	\$34,057	4.3%	\$16,038	47.1%	45.3%	50.1%	8.2x	12.4x	5.8x
Eli Lilly and Company	\$148,821	\$164,777	\$23,087	6.8%	\$7,635	33.1%	5.2%	37.1%	18.4x	21.6x	7.1x
Bristol-Myers Squibb Company	\$133,046	\$162,320	\$31,006	33.1%	\$11,733	37.8%	36.4%	45.6%	8.5x	13.8x	5.2x
Median	\$177,335	\$207,407	\$41,069	5.5%	\$17,548	38.7%	4.9%	43.6%	11.0x	13.1x	5.0x
Mean	\$200,371	\$224,311	\$44,566	8.2%	\$17,041	38.7%	13.7%	42.6%	11.9x	14.0x	5.3x

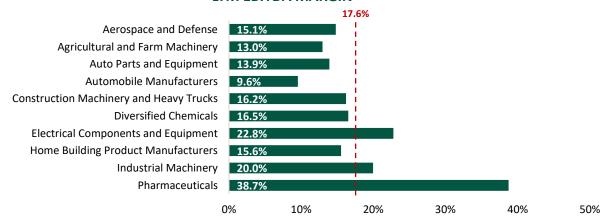


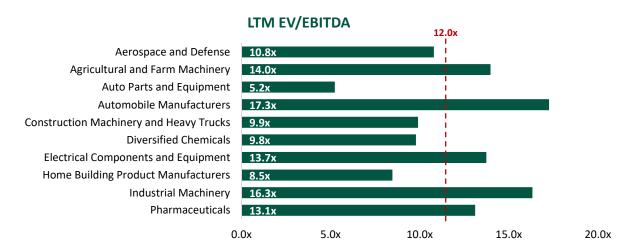
## **GROWTH, MARGINS & MULTIPLES**





#### LTM EBITDA MARGIN

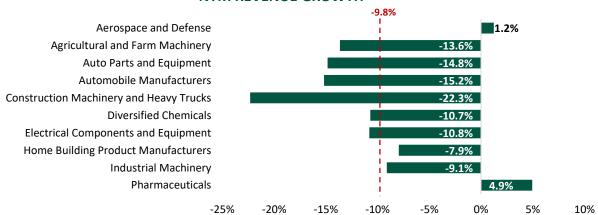




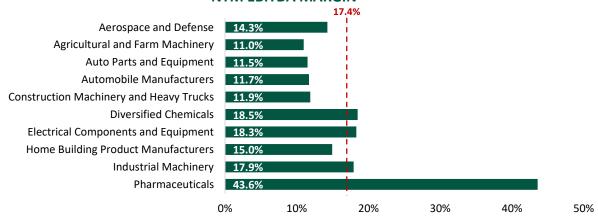


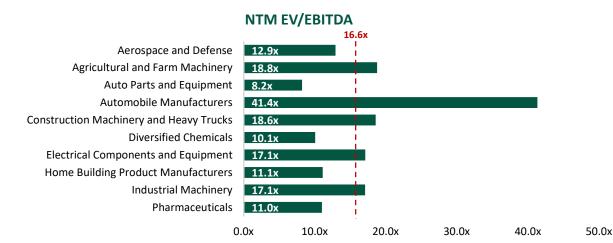
## **GROWTH, MARGINS & MULTIPLES**





#### NTM EBITDA MARGIN

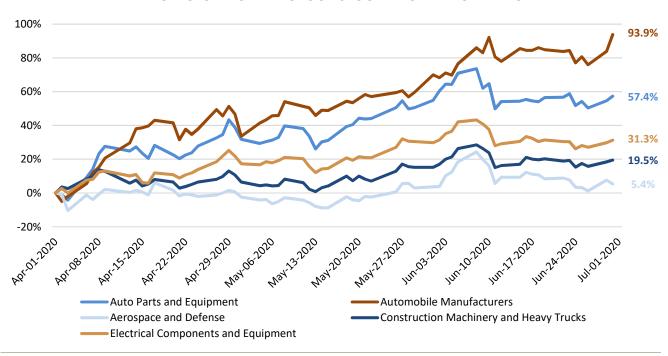




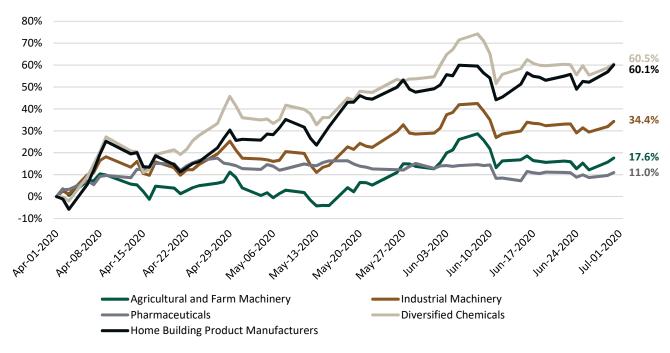


## PERFORMANCE ANALYSIS

#### MANUFACTURING PEER GROUP STOCK PRICE PERFORMANCE\*



#### MANUFACTURING PEER GROUP STOCK PRICE PERFORMANCE\*



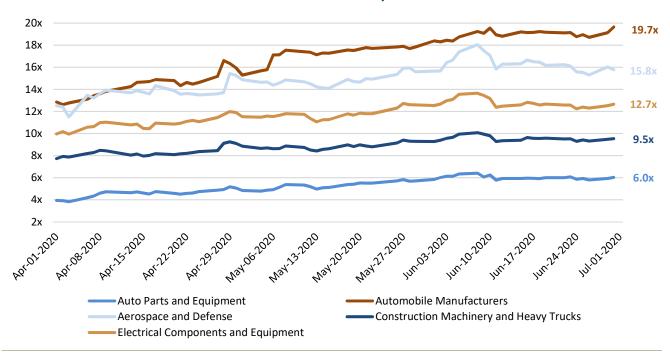
Source: Capital IQ. Data as of June 30, 2020. Further details provided on page 5 and 6.

<sup>\*</sup>Peer group metrics are weighted by market capitalization.

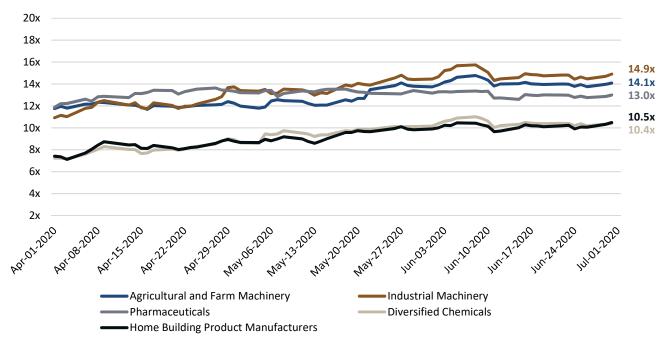


## PERFORMANCE ANALYSIS

#### MANUFACTURING PEER GROUP EV/EBITDA MULTIPLES



#### MANUFACTURING PEER GROUP EV/EBITDA MULTIPLES



Source: Capital IQ. Data as of June 30, 2020. Further details provided on page 5 and 6.

## **ABOUT US**



MNP Corporate Finance (MNPCF) has a dedicated team of over 60 merger, acquisition, and transaction professionals across Canada. MNPCF works with clients in virtually all industries as they prepare, plan and execute transactions.

Our typical transactions range in value between \$3 million and \$300 million.

#### **LOCAL & INTERNATIONAL REACH**

MNP is a participating firm within Praxity, a unique global alliance of independent accounting/advisory firms created to answer global business needs. As a member of Praxity, we are able to offer access to corporate finance, accounting and tax advisory services worldwide. We are also affiliated with Corporate Finance Cross Border, which consists of 150+ M&A professionals in more than 25 countries.





#### **SERVICES**

- Divestitures
- Acquisitions
- Debt Financing
- Due Diligence
- Transaction Advisory Services

# RECENTLY CLOSED DEALS (NATIONAL)





















## **ABOUT US**



#### **DEAL EXPERIENCE**

Since our inception, our team has advised on hundreds of transactions, in a wide range of industries with diverse enterprise values. In the past five years alone we have completed over 120 transactions worth over \$2 billion (not including due diligence engagements).

#### **INDUSTRY EXPERIENCE**

- Food & Beverage
- Retail & Distribution
- Manufacturing
- Agriculture
- Automotive
- Materials
- Health Care
- Pharmaceutical

- Transportation
- Construction
- Software
- Financial Services
- Technology
- Energy
- Oilfield Services
- Real Estate

#### HANDS-ON APPROACH

Current M&A transactions require a hands-on approach from start to finish including the active engagement of senior resources. Our senior resources are dedicated to our clients and are available as necessary and appropriate. We keep our clients regularly informed of the engagement status, issues we are encountering, successes, and overall progress.

#### INTEGRATED SERVICE OFFERING

We draw on the vast experience and deep specialist knowledge network of our partners locally, nationally and internationally as specialty issues arise, such as pretransaction tax planning, transaction structuring, estate planning, valuation, due diligence, performance improvement, and risk management.

## RECENTLY CLOSED DEALS (NATIONAL)





















## **LEADERSHIP TEAM**



#### TRANSACTION LEADERSHIP



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#### **DUE DILIGENCE LEADERSHIP**



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