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Filed Pursuant to Rule 424(b)(4) Registration No. 333-217342

PROSPECTUS

12,000,000 Shares



Milacron Holdings Corp.

Common Stock

The selling stockholders identified in this prospectus are offering 12,000,000 shares of our common stock. We will not receive any proceeds from the sale of our common stock by the selling stockholders.

Our common stock is listed on the New York Stock Exchange (the "NYSE") under the symbol "MCRN." The last reported sale of our common stock on the NYSE on April 28, 2017 was \$18.82 per share.

Investing in the common stock involves risks that are described in the "Risk Factors" section beginning on page 18 of this prospectus.

	Per Share	Total
Public offering price	\$17.20	\$206,400,000
Underwriting discount(1)	\$.688	\$8,256,000
Proceeds, before expenses, to the selling stockholders	\$16.512	\$198,144,000
(1) We refer you to "Underwriting" beginning on page 3	9 of this prospectus	for additional information

(1) We refer you to "Underwriting" beginning on page 39 of this prospectus for additional information regarding underwriting compensation.

The underwriters may also exercise their option to purchase up to an additional 1,800,000 shares from the selling stockholders, at the public offering price, less the underwriting discount, for 30 days after the date of this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The underwriters expect to deliver the shares against payment in New York, New York on or about May 9, 2017.

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Joint Book-Running Managers

Credit Suisse BofA Merrill Lynch

Barclays Goldman Sachs & Co. LLC

Baird J.P. Morgan

Co-Managers

KeyBanc Capital Markets

William Blair

The date of this prospectus is May 3, 2017.

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You should rely only on the information contained in or incorporated by reference in this prospectus or in any free-writing prospectus we may authorize to be delivered or made available to you. Neither we, nor the underwriters (or any of our or their respective affiliates) have authorized anyone to provide any information other than that contained in this prospectus or in any free writing prospectus prepared by or on behalf of us or to which we have referred you. Neither we, nor the underwriters (or any of our or their respective affiliates) take any responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. We and the underwriters (or any of our or their respective affiliates) are not making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. The information contained or incorporated by reference in this prospectus is only accurate as of the date on the front cover of this prospectus. Our business, financial condition, results of operations and prospectus may have changed since that date.

Trademarks and Trade Names

We own or have rights to trademarks or trade names that we use in conjunction with the operation of our business. In addition, our name, logo and website name and address are our service marks or trademarks. Some of the more important trade names and trademarks that we use include CanGen, Cimcool, DME, Ferromatik, Milacron, Uniloy and TIRAD. Solely for convenience, we refer to trademarks, service marks and trade names appearing in or incorporated by reference in this prospectus without the TM, SM and Symbols. Such references are not intended to indicate, in any way, that we will not assert, to the fullest extent permitted by law, our rights to our trademarks, service marks and trade names. Other trademarks, trade names or service marks appearing in or incorporated by reference in this prospectus are the property of their respective owners.

Market and Industry Information

Market data used throughout this prospectus or incorporated by reference into this prospectus is based on management's knowledge of the industry and the good faith estimates of management. We also relied, to the extent available, upon management's review of independent industry surveys and publications and other publicly available information prepared by Global Industry Analysts, Inc., a market research report publisher, and Interconnection Consulting. We also purchased a hot runner market analysis report prepared by Interconnection Consulting in relation to the economic environment and regional landscape pertaining to that market. All of the market data used in this prospectus or incorporated by reference into this prospectus involves a number of

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assumptions and limitations, and you are cautioned not to give undue weight to such estimates. While we believe the estimated market position, market opportunity and market size information included in this prospectus is generally reliable, such information, which in part is derived from management's estimates and beliefs, is inherently uncertain and imprecise. Projections, assumptions and estimates of our future performance and the future performance of the industry in which we operate are necessarily subject to a high degree of uncertainty and risk due to a variety of factors, including those described in "Risk Factors," "Cautionary Note Regarding Forward-Looking Statements" and elsewhere in this prospectus or incorporated by reference into this prospectus. These and other factors could cause results to differ materially from those expressed in the estimates prepared by independent parties and by us.

Non-GAAP Financial Measures

We prepare our financial statements in conformity with United States generally accepted accounting principles ("U.S. GAAP"). To supplement this information, we also use the following non-GAAP financial measures: Adjusted EBITDA and Adjusted Net Income. Because not all companies use identical calculations, these presentations may not be comparable to other similarly titled measures of other companies.

Adjusted EBITDA

Adjusted EBITDA represents net earnings (loss) before interest expense, taxes, depreciation and amortization, as further adjusted for the other items reflected in the reconciliation table set forth under "Summary—Summary Historical Financial and Other Data." Adjusted EBITDA is a measure used by management to measure operating performance. Adjusted EBITDA is not a presentation made in accordance with U.S. GAAP, is not a measure of financial condition or profitability, and should not be considered as an alternative to net earnings (loss) determined in accordance with U.S. GAAP or any other performance measure derived in accordance with U.S. GAAP and should not be construed as an inference that our future results will be unaffected by unusual non-recurring items. Additionally, Adjusted EBITDA is not intended to be a measure of free cash flow for management's discretionary use, as it does not include certain cash requirements such as interest payments, tax payments, debt service requirements and certain other cash costs that may recur in the future.

We view Adjusted EBITDA as a key measure of our performance. We present Adjusted EBITDA not only due to its importance for purposes of our credit agreements but also because it assists us in comparing our performance across reporting periods on a consistent basis as it excludes items that we do not believe are indicative of our core operating performance. Our management uses Adjusted EBITDA:

- as a measurement used in evaluating our consolidated and segment-level operating performance on a consistent basis:
- to calculate incentive compensation for our employees;
- for planning purposes, including the preparation of our internal annual operating budget;
- to evaluate the performance and effectiveness of our operational strategies; and
- to assess compliance with various metrics associated with our debt agreements.

We believe that the inclusion of Adjusted EBITDA in this prospectus is useful to provide additional information to investors about certain material non-cash items as well as items considered to be one-time or non-recurring to the operations of the business. While we believe these financial measures are commonly used by investors to evaluate our performance and that of our competitors, because not all companies use identical calculations, this presentation of Adjusted EBITDA may not be comparable to other similarly titled measures of

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other companies and should not be considered as an alternative to performance measures derived in accordance with U.S. GAAP. Adjusted EBITDA is calculated as net earnings (loss) attributable to Milacron Holdings Corp. before income tax expense, interest expense, net, depreciation and amortization further adjusted to exclude other items as reflected in the reconciliation table set forth under "Summary—Summary Historical Financial and Other Data."

In evaluating Adjusted EBITDA, you should be aware that in the future we will incur expenses such as those used in calculating Adjusted EBITDA. Our presentation of Adjusted EBITDA should not be construed as an inference that our future results will be unaffected by usual or non-recurring items. Because of these limitations, Adjusted EBITDA should not be considered as a measure of discretionary cash available to us to invest in the growth of our business. We compensate for these limitations by relying primarily on our U.S. GAAP results and using Adjusted EBITDA only supplementally.

Adjusted Net Income

Adjusted Net Income measures our operating performance by adjusting net earnings (loss) to exclude amortization expense, non-cash currency effect on intercompany advances, organizational redesign costs, long-term equity awards and shareholder fees, debt costs, acquisition integration costs, professional services, business combination costs, fair market value adjustments and certain other non-recurring items. Management uses this measure to evaluate our core operating results as it excludes certain items whose fluctuations from period-to-period do not necessarily correspond to changes in the core operations of the business, but includes certain items such as depreciation, interest expense and income tax expense, which are otherwise excluded from Adjusted EBITDA. We believe the presentation of Adjusted Net Income enhances our investors' overall understanding of the financial performance and cash flow of our business. You should not consider Adjusted Net Income as an alternative to net earnings (loss), determined in accordance with U.S. GAAP, as an indicator of operating performance.

See the consolidated financial statements incorporated by reference into this prospectus for our U.S. GAAP results. Additionally, for reconciliations of Adjusted EBITDA and Adjusted Net Income to our closest reported U.S. GAAP measures see "Summary—Summary Historical Financial and Other Data."

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SUMMARY

This summary highlights information contained elsewhere in this prospectus or incorporated by reference into this prospectus from our Annual Report on Form 10-K for the year ended December 31, 2016 and our other filings with the Securities and Exchange Commission (the "SEC") listed in the section of this prospectus entitled "Incorporation of Certain Information by Reference" and is qualified in its entirety by the more detailed information and consolidated financial statements included or incorporated by reference elsewhere in this prospectus. This summary does not contain all of the information that may be important to you. You should read and carefully consider the following summary together with the entire prospectus and the documents incorporated herein by reference, including our consolidated financial statements and the notes thereto incorporated herein by reference and the matters discussed under "Risk Factors," "Selected Financial Data" and "Management's Discussion and Analysis of Financial Condition and Results of Operation" appearing elsewhere in this prospectus or in our Annual Report on Form 10-K for the year ended December 31, 2016 incorporated by reference herein before deciding to invest in our common stock. Some of the statements in this prospectus constitute forward-looking statements that involve risks and uncertainties. See "Cautionary Note Regarding Forward-Looking Statements." Our actual results could differ materially from those anticipated in such forward-looking statements as a result of certain factors, including those discussed in "Risk Factors" and other sections of this prospectus and the documents incorporated herein by reference.

Unless otherwise stated in this prospectus, references to "we," "our," "us," "Milacron" and the "Company" and similar terms refer to Milacron Holdings Corp. and its consolidated subsidiaries; references to "Milacron Holdings" refer to Milacron Holdings Corp.; and references to "Milacron LLC" refer to Milacron LLC, our wholly owned subsidiary.

Company Overview

Milacron is a global leader in the manufacture, distribution and service of highly engineered and customized systems within the \$27 billion plastic technology and processing industry. We are the only global company with a full-line product portfolio that includes hot runner systems, injection molding, blow molding and extrusion equipment. We maintain strong market positions across these products, as well as leading positions in process control systems, mold bases and components, maintenance, repair and operating ("MRO") supplies and fluid technology.

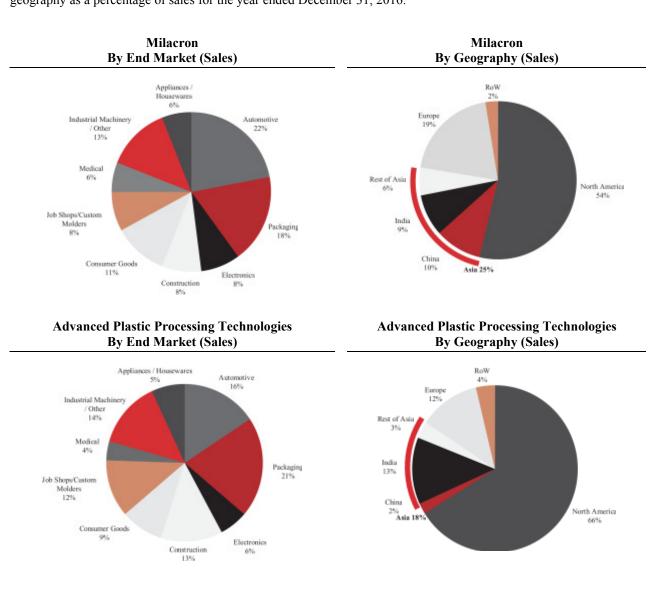
Based on management estimates primarily based on industry surveys and publications from 2014, we believe Milacron is the #1 manufacturer and supplier of plastic processing technologies in North America on a consolidated basis across the industry's primary plastic processing machinery applications based on sales, the #1 supplier to installed base worldwide based on sales, the #1 manufacturer and supplier of injection molding technologies in India based on sales, the #1 provider of hot runner systems in the Americas and Europe and the #2 provider of hot runner systems in Asia based on sales.

Milacron has strong brand recognition with products sold in over 100 countries across six continents and our established and market driven global footprint is well-positioned to benefit from continued robust industry growth in both developed and emerging markets. Our sales are geographically diversified with 54% in North America, 20% in Europe, 10% in China, 9% in India and 7% in the rest of the world for the year ended December 31, 2016. Our breadth of products, long history, and global reach have resulted in a large installed base of over 40,000 plastic processing machines and over 150,000 hot runner systems as of December 31, 2016.

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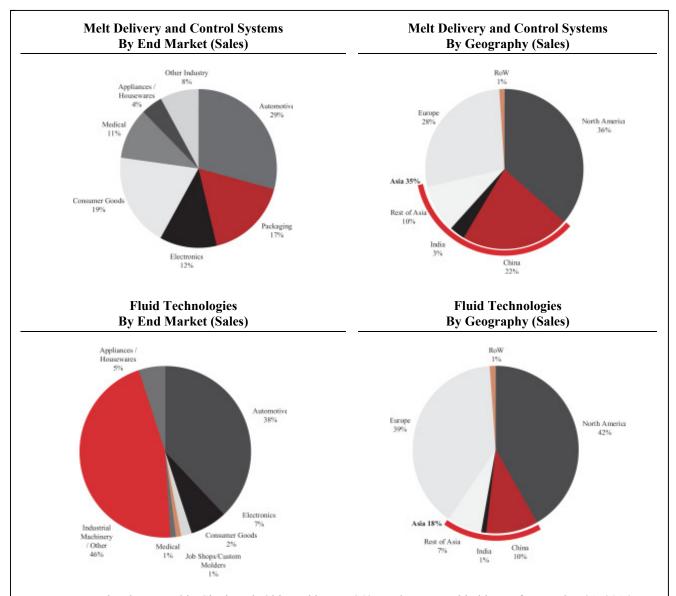
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The charts below illustrate Milacron's and its principal business segment's diversification by end market and geography as a percentage of sales for the year ended December 31, 2016.



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We are headquartered in Cincinnati, Ohio and have 5,843 employees worldwide as of December 31, 2016. Principal manufacturing facilities are located in the United States, Canada, China, Germany, the Czech Republic and India.

Operating Segments

The following is a summary of the product lines and markets served by our operating segments. In accordance with U.S. GAAP, we have reported information about our three operating segments within Note 15 of the Notes to Consolidated Financial Statements included in our Annual Report on Form 10-K for the year ended December 31, 2016 and incorporated by reference into this prospectus.

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Advanced Plastic Processing Technologies ("APPT")

Our APPT segment designs, manufactures and sells plastic processing equipment and systems, which include injection molding, blow molding, extrusion and auxiliary systems along with the related parts and service. We are the only full-line plastic equipment supplier with a significant offering across all three technologies in North America. We provide aftermarket service and support for our core plastic equipment business and are expanding our capabilities in the co-injection market. Our APPT segment has a diverse set of customers, including companies who serve in the consumer goods, packaging, electronics, medical, automotive and construction end markets. We believe our competitive strength in APPT is our ability to supply and support our customers through the entire life cycle of their equipment usage to deliver precision parts at the lowest cost for our customers.

Increased demand in the plastic processing machinery industry is expected to be driven by the overall expected rise in plastic processing, increasing equipment age and continuing advances in technology, such as the shift to higher efficiency and lower energy equipment, as plastic processors seek to reduce their operating costs and produce higher quality products. With 66% of APPT sales in North America for the fiscal year ended December 31, 2016, demand is also impacted by customers bringing manufacturing operations back to North America.

Capital expenditures in our APPT business were \$30.4 million during the year ended December 31, 2016, of which approximately 24% related to capacity expansion for the production of plastic processing equipment.

Melt Delivery and Control Systems ("MDCS")

Our MDCS segment designs, manufactures and sells highly-engineered, technically advanced hot runner and process control systems, mold bases and components, and sells MRO supplies for plastic processing operations. Hot runner systems are custom-designed for each product a customer manufactures on an injection molding machine. Our MDCS segment derives substantially all of its sales from recurring consumable products, parts and services. Hot runner systems are highly customized and replaced frequently due to design changes and innovation in customers' end products, driving a one to five year replacement cycle. Recurring sales for our MDCS segment is supported by a large estimated installed base of more than 150,000 systems worldwide as of December 31, 2016.

Our MDCS segment serves a diverse group of global customers across the entire plastic processing value chain and manufacturing spectrum, including original equipment manufacturers, molders and mold makers, in consumer goods, electronics, automotive, packaging and medical end markets. As injection molding processing technologies and material requirements evolve, our MDCS business is committed to partnering with its customers across the life cycle of a machine by leveraging its industry knowledge and engineering expertise to develop technologies that help its customers adapt and succeed.

Consistent with historical periods, according to a June 2016 Interconnection Consulting report, the hot runner market is expected to grow faster than the overall global economy based on macroeconomic drivers involving product life cycles, demographics, technology conversion and greater use of plastic. Demand within the hot runner market is driven more by the frequency of product design changes and model refreshes than by end product volume, because hot runner systems are typically custom ordered for each new product mold, representing a critical factor in the market's resiliency during economic cycles.

Capital expenditures in our MDCS segment were \$24.4 million during the year ended December 31, 2016, of which 20% was related to capacity expansion in China for the production of hot runner systems.

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Approximately 45% of the capital expenditures within the MDCS segment were related to the purchase of two properties located in Ontario, Canada during the fourth quarter of 2016 which were previously leased.

Fluid Technologies ("Fluids")

Our Fluids segment is a global manufacturer of products that are used in a variety of metalworking processes such as cutting, grinding, stamping and forming and high speed machining. The technology we provide is used in diverse global end markets such as aerospace, medical, automotive, industrial components and machinery, bearings, munitions, packaging, job shops, and glass and mirror production. We are an established market leader in synthetic and semi-synthetic metalworking fluids and offer a full line of innovative metalworking products. Our fluid technologies are essential to improving manufacturing operations by providing more machine uptime, producing more parts of higher quality in a shorter time. We sell fluids with advanced technologies that extend tool life, reduce coolant usage and improve productivity in metal removal and metal forming operations. Our fluids are often custom-designed to meet not only stringent performance, health, safety and environmental requirements based on innovative technology, but also for specific customer application and productivity needs.

Recent Developments

First Quarter Results (unaudited)

On April 27, 2017 we released certain summary information regarding our financial results for the fiscal quarter ended March 31, 2017. We reported sales of \$285.4 million, compared to \$277.3 million for the fiscal quarter ended March 31, 2016; net loss of \$24.6 million, compared to net income of \$9.8 million for the fiscal quarter ended March 31, 2016; Adjusted Net Income of \$22.6 million, compared to \$18.8 million for the fiscal quarter ended March 31, 2016; Operating earnings of \$19.7 million for the fiscal quarter ended March 31, 2017, compared to \$32.0 million for the fiscal quarter ended March 31, 2016; and Adjusted EBITDA of \$50.0 million, compared to \$47.1 million for the fiscal quarter ended March 31, 2016. We also reported a cash balance of \$87.9 million as of March 31, 2017, compared to \$87.4 million as of March 31, 2016. All of the data presented above have been prepared by and are the responsibility of management. Our independent registered public accounting firm, Ernst & Young LLP, has not audited, reviewed, compiled or performed any procedures, and does not express an opinion or any other form of assurance with respect to any of such data. This summary is not a comprehensive statement of our financial results for the fiscal quarter ended March 31, 2017 and should not be viewed as a substitute for full quarterly financial statements prepared in accordance with GAAP and the additional information regarding our financial results for such fiscal quarter that will be included in our quarterly report on Form 10-Q for the fiscal quarter ended March 31, 2017. When we file our quarterly report on Form 10-Q for the fiscal quarter ended March 31, 2017, such information may differ materially from this summary information as a result of the completion of our financial closing procedures, final adjustments or other developments that may arise between now and the time the financial results for the fiscal quarter are finalized.

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For additional information regarding Adjusted Net Income and Adjusted EBITDA, see "Non-GAAP Financial Measures." The following table sets forth a reconciliation of our net loss to Adjusted EBITDA for the fiscal quarter ended March 31, 2017:

	Three M	Results for the lonths Ended h 31, 2017
(dollars in millions)		
Net loss	\$	(24.6)
Amortization expense		7.0
Currency effect on intercompany advances (a)		(1.9)
Organizational redesign costs (b)		11.2
Long-term equity awards and shareholder fees (c)		2.3
Debt costs (d)		26.8
Professional services (e)		2.2
Annual effective tax rate adjustment (f)		(0.8)
Other		0.4
Adjusted Net Income	\$	22.6
Income tax expense (f)		7.5
Interest expense, net		12.4
Depreciation expense		7.5
Adjusted EBITDA	\$	50.0

- (a) Non-cash currency effect on intercompany advances relates to advances in foreign currencies. The most significant exposure relates to the Canadian dollar pursuant to intercompany advances within the MDCS segment.
- (b) Organizational redesign costs in the three months ended March 31, 2017 primarily included \$4.2 million for termination costs as a result of eliminated positions and \$5.1 million of costs related to relocating our facilities in Belgium, Italy and Germany to the Czech Republic.
- (c) Long-term equity awards and shareholder fees include charges associated with stock-based compensation awards granted to certain executives and independent directors.
- (d) Debt costs incurred during the three months ended March 31, 2017 included \$25.2 million of debt extinguishment costs and \$1.6 million of fees related to the new senior secured term loan facility due September 2023.
- (e) Professional fees included \$2.2 million of costs for strategic organizational initiatives.
- (f) The annual effective tax rate adjustment primarily includes the tax benefit associated with reconciling net (loss) earnings to Adjusted Net Income.

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Risks Affecting Our Business

Investing in our common stock involves a high degree of risk. You should consider carefully the risks described in "Risk Factors" appearing elsewhere in this prospectus or in our Annual Report on Form 10-K for the year ended December 31, 2016 before making a decision to invest in our common stock. If any of these risks actually occur, our business, financial condition and results of operations would likely be materially adversely affected. In such case, the trading price of our common stock would likely decline, and you may lose all or part of your investment. Below is a summary of the principal risks that we face.

- Demand for our products is affected by general economic conditions, including our customers' industries and capital expenditures, consumer spending trends and other macroeconomic conditions.
- If the use of plastic declines, it could materially adversely affect our business, financial condition or results of operations.
- We operate in highly competitive industries, many of which are currently subject to intense price competition, and if we are unable to compete successfully, it could have a material adverse affect on our business, financial condition or results of operations.
- We may not be able to successfully implement strategic initiatives.
- Increases in our cost structure or a disruption in our supply chain could have a material adverse effect on our operating results and cash flows.
- Our significant international operations subject us to risks such as unfavorable political, regulatory, labor and tax conditions.
- Our operations partly depend on the rate of economic development and growth in emerging markets.
- We might not be able to timely develop, manufacture and gain market acceptance of new and enhanced products required to maintain or expand our business.
- We may not be able to adequately protect our intellectual property and proprietary rights and our products could infringe on the intellectual property of others.
- Our results of operations are subject to currency translation risk and currency transaction risk.
- We may not be able to satisfy orders on a timely basis.
- Our operations depend on our ability to maintain production at our facilities.
- We have a history of net losses and may not maintain profitability in the future.
- We have a substantial amount of indebtedness, which could have a material adverse effect on our financial condition and our ability to obtain financing in the future and to react to changes in our business.
- Maintaining and improving our financial controls and the requirements of being a public company may strain our resources, divert management's attention and affect our ability to attract and retain qualified board members.

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• CCMP (as defined under "—Our Principal Stockholder") may have a controlling interest in our company, and CCMP's interests may be different from or conflict with those of our other stockholders.

Our Principal Stockholder

We were acquired by affiliates of CCMP Capital Advisors, LP (collectively referred to as "CCMP") together with certain members of our management in April 2012 (the "CCMP Acquisition"). After this offering, CCMP is expected to own approximately 29.0% of our common stock (or 26.8% if the underwriters exercise their option to purchase additional shares in full). As a result, CCMP will be able to exert significant voting influence of fundamental and significant corporate matters and transactions. See "Risk Factors—Risks Related to Our Common Stock and this Offering—CCMP will continue to own a significant portion of our outstanding common stock and, as a result, the influence of our public stockholders over significant corporate actions may be limited, and CCMP's interests may be different from or conflict with those of our other stockholders."

CCMP is a leading global private equity firm specializing in buyout and growth equity investments in companies ranging from \$250 million to more than \$2 billion in size. CCMP's founders have invested over \$16 billion since 1984, which includes their activities at J.P. Morgan Partners, LLC (a private equity division of JPMorgan Chase & Co.) and its predecessor firms. CCMP was formed in August 2006 when the buyout and growth equity investment professionals of J.P. Morgan Partners, LLC separated from JPMorgan Chase & Co. to commence operations as an independent firm. The foundation of CCMP's investment approach is to leverage the combined strengths of its deep industry expertise and proprietary operating resources to create value by investing in three targeted industries—Industrials, Consumer/Retail and Healthcare.

Corporate Information

Milacron Holdings is a Delaware corporation. Milacron Holdings was incorporated on March 16, 2012. Our principal executive offices are located at 10200 Alliance Road, Suite 200, Cincinnati, Ohio 45242. Our telephone number at our principal executive offices is 513-487-5000. Our corporate website is www.milacron.com. The information that appears on our website is not part of, and is not incorporated into, this prospectus.

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The Offering

Common stock offered by the selling stockholders

12,000,000 shares (13,800,000 shares if the underwriters exercise their option to purchase additional shares in full).

Common stock to be outstanding after this offering

68,473,561 shares.

Option to purchase additional shares of common stock

The underwriters also have the option to purchase up to an additional shares of common stock from the selling stockholders. The underwriters can exercise this option at any time within 30 days from the date of this prospectus.

Use of proceeds

The selling stockholders will receive all of the net proceeds from the sale of shares of our common stock offered pursuant to this prospectus, including from any exercise by the underwriters of their option to purchase additional shares. We will not receive any proceeds from the sale of shares of common stock offered pursuant to this prospectus, including from any exercise by the underwriters of their option to purchase additional shares. We will bear the costs, other than underwriting discounts and commissions and transfer taxes, associated with this offering in accordance with the Stockholders Agreement (as defined under "Description of Capital Stock—Registration Rights"). For more information about the selling stockholders, see "Principal and Selling Stockholders." See also "Underwriting" and "Use of Proceeds" for additional information.

Dividend policy

We do not anticipate paying any dividends on our common stock in the foreseeable future; however, we may change this policy in the future. Present and future agreements may also limit our ability to pay dividends. See "Dividend Policy."

Risk factors

Investing in our common stock involves a high degree of risk. See "Risk Factors" beginning on page 18 of this prospectus and in our Annual Report on Form 10-K for the year ended December 31, 2016 incorporated by reference herein for a discussion of factors you should carefully consider before investing in our common stock.

NYSE symbol

"MCRN."

Unless otherwise indicated, the number of shares of common stock to be outstanding after this offering is based on 68,473,561 shares outstanding as of December 31, 2016 and excludes:

• 5,167,297 shares of our common stock issuable upon the exercise of options to purchase shares of our common stock, which have a weighted average exercise price of \$9.62 per share (after giving effect to the adjustment made in connection with the cash dividend of approximately \$145 million paid to holders of our common stock in May 2015);

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- 29,274 restricted stock units; and
- 2,506,002 shares of common stock reserved for future grant under our 2015 Equity Incentive Plan.

Unless otherwise indicated, all information in this prospectus assumes no exercise of the underwriters' option to purchase up to 1,800,000 additional shares of common stock from the selling stockholders.

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SUMMARY HISTORICAL FINANCIAL AND OTHER DATA

The following table sets forth our summary historical financial and other data for the periods and as of the dates indicated. We derived our summary consolidated statements of operations data and statement of cash flows data for the years ended December 31, 2014, 2015 and 2016, and the balance sheet data as of December 31, 2016, from our audited consolidated financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2016.

Our historical results are not necessarily indicative of future operating results. You should read the information set forth below in conjunction with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our financial statements and the related notes thereto incorporated by reference in this prospectus. For more details on how you can obtain the documents incorporated by reference in this prospectus, see "Where You Can Find More Information" and "Incorporation of Certain Information by Reference" appearing elsewhere in this prospectus.

	Year ended December 31, 2014			Year ended December 31, 2015		ear ended cember 31, 2016
(Dollars in millions, except share and per share data)						
Statements of operations:	ф	1 211 2	Ф	1 170 5	Ф	1.1667
Sales	\$	1,211.3	\$	1,179.5	\$	1,166.7
Costs of sales		792.3		775.6		770.9
Manufacturing margins		419.0		403.9		395.8
Operating expenses:		2660		261.1		252.4
Selling, general and administrative expenses		266.9		261.1		252.4
Amortization expense		44.2		35.9		31.3
Loss (gain) on currency translation		16.3		21.6		(3.3)
Other expense, net		6.5		13.5		9.8
Total operating expenses		333.9		332.1		290.2
Operating earnings		85.1		71.8		105.6
Interest expense, net		74.6		68.0		60.9
Loss on debt extinguishment		3.4		22.2		
Earnings (loss) before income taxes		7.1		(18.4)		44.7
Income tax expense		22.0		20.4		14.2
Net (loss) earnings		(14.9)		(38.8)		30.5
Less: Net loss attributable to the noncontrolling interest		0.1				
Net (loss) earnings attributable to Milacron Holdings Corp.	\$	(14.8)	\$	(38.8)	\$	30.5
Basic (loss) earnings per share(1)	\$	(0.28)	<u>\$</u> \$	(0.65)	\$	0.45
Diluted (loss) earnings per share(1)	\$	(0.28)	\$	(0.65)	\$	0.43
Weighted average shares outstanding:						
Basic	52	,189,580		9,925,776		7,504,065
Diluted	52	,189,580	59	9,925,776	70),130,062
Select segment and geographic data:						
Sales by segment:						
APPT(2)	\$	684.1	\$	680.8	\$	663.9
MDCS(2)		398.4		383.5		389.9
Fluids		128.8		115.2		112.9

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	Year ended December 31, 2014		Year ended December 31, 2015		Year ended December 31, 2016	
(Dollars in millions, except share and per share data) Statement of Cash Flows Data:						
Net cash provided by operating activities	\$	39.2	\$	36.8	\$	116.2
Net cash used in investing activities	•	(94.3)	•	(73.3)	•	(56.4)
Net cash provided by financing activities		39.6		27.8		6.2
Select supplemental data:						
New orders(3)	\$	1,230.4	\$	1,174.6	\$	1,191.3
Backlog(4)		227.9		211.6		225.6
Adjusted EBITDA by segment(5):						
APPT(2)	\$	78.5	\$	85.8	\$	81.6
MDCS(2)		116.9		121.3		127.2
Fluids		23.8		24.7		24.4
Corporate		(20.7)		(18.4)		(20.4)
Adjusted EBITDA(5)		198.5		213.4		212.8
Adjusted Net Income(5)		74.5		98.2		105.7
Capital expenditures		41.4		52.7		57.3
					De	ecember 31,
(Dollars in millions)					_	2016
Balance sheet data:						
Cash and cash equivalents					\$	130.2
Accounts receivable, net					Ψ	182.3
Inventories, net						249.5
Property and equipment, net						243.7
Total assets						1,722.0
Accounts payable						92.5
Advanced billings and deposits						52.7
Total debt and capital lease obligations, including current portion						941.4

- (1) Basic and diluted earnings (loss) per share are computed by dividing the net earnings (loss) available to common stockholders by the weighted-average number of shares of common stock outstanding during the period.
- (2) Effective January 1, 2016, the APPT segment includes our MPET product line that had previously been reported in the MDCS segment. This reclassification more closely reflects the change in management of this product line and its related growth opportunities. Prior year results have been reclassified to reflect the segment change. For the years ended December 31, 2014 and 2015, the MPET product line had revenue of \$8.3 million and \$6.8 million and Adjusted EBITDA of (\$2.5) million and (\$1.2) million, respectively.
- (3) New orders represent the value of incoming purchase orders received for a period of time that may or may not have been shipped during the period. New orders are counted once we verify acceptance of price and terms and verify credit history and references.
- (4) Backlog represents the value of unfilled orders as of the applicable date. These unfilled orders are supported by a valid purchase order and price, terms and credit have been approved by us. All of our backlog is expected to be filled within the next twelve months and there are no seasonal or other aspects of our backlog that would impact filling the orders.

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(5) We prepare our financial statements in conformity with U.S. GAAP. To supplement this information, we also use the following non-GAAP financial measures in this prospectus: Adjusted EBITDA and Adjusted Net Income. For a discussion of and important limitations on the usefulness of non-GAAP financial measures in this prospectus, see "Non-GAAP Financial Measures."

The following table provides a reconciliation of net earnings (loss) attributable to Milacron Holdings Corp., the most comparable U.S. GAAP measure, to Adjusted Net Income and to Adjusted EBITDA for the periods presented.

	Year ended December 31, 2014		Year ended December 31, 2015		Year ended December 31, 2016	
(Dollars in millions)						
Net (loss) earnings attributable to Milacron Holdings Corp.	\$	(14.8)	\$	(38.8)	\$	30.5
Amortization expense		44.2		35.9		31.3
Currency effect on intercompany advances(a)		13.8		23.3		(1.6)
Organizational redesign costs(b)		12.9		21.7		32.9
Long-term equity awards and shareholder fees(c)		5.5		22.9		7.1
Debt costs(d)		4.1		23.2		
Acquisition integration costs(e)		4.0		3.7		
Professional services(f)		3.6		5.2		4.7
Business combination costs(g)		1.1		0.4		
Fair market value adjustments(h)						0.2
Annual effective tax rate adjustment(i)						(3.4)
Other(j)		0.1		0.7		4.0
Adjusted Net Income		74.5	·	98.2		105.7
Income tax expense		22.0		20.4		17.6
Interest expense, net		74.6		68.0		60.9
Depreciation expense		27.4		26.8		28.6
Adjusted EBITDA	\$	198.5	\$	213.4	\$	212.8

- (a) Non-cash currency effect on intercompany advances relates to advances in foreign currencies. The most significant exposure relates to the Canadian dollar pursuant to intercompany advances within the MDCS segment.
- (b) Organizational redesign costs in the year ended December 31, 2014 include \$3.4 million of termination costs as a result of eliminated positions, \$3.6 million of costs for changes in the executive management team, \$2.9 million of costs for the transition of positions to low-cost countries and \$1.9 million of costs related to the shutdown of facilities. Organizational redesign costs in the year ended December 31, 2015 primarily included \$9.3 million of costs related to relocating our facilities in Italy and Belgium to the Czech Republic, \$4.4 million for termination costs as a result of eliminated positions, \$3.7 million of costs related to the restructuring of Fluids in Europe, and \$1.4 million of costs related to the shutdown of facilities. Organizational redesign costs for the year ended December 31, 2016 primarily include \$13.3 million for termination costs as a result of eliminated positions, \$4.4 million of costs related to the shutdown of facilities, \$5.2 million of costs related to relocating our facilities in Belgium, Italy and Germany to the Czech Republic and \$0.5 million of costs related to the restructuring of Fluids in Europe.
- (c) Long-term equity awards and shareholder fees include the charges associated with stock-based compensation awards granted to certain executives and independent directors and a cash advisory fee paid to CCMP. The cash advisory payment to CCMP ceased as of the effective date of our initial public offering in June 2015.

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(d) Debt costs incurred during the year ended December 31, 2014 included a \$2.9 million loss on the early extinguishment of a portion of our senior secured notes due 2019 (the "Senior Secured Notes"). The loss consists of a \$1.6 million premium paid for the early extinguishment and \$1.3 million of previously deferred financing costs. In the year ended December 31, 2014, we also expensed \$0.5 million of previously deferred financing costs and incurred \$0.7 million of fees to increase the senior secured term loan facility due March 2020 (the "Term Loan Facility"). Debt costs incurred during the year ended December 31, 2015 included \$22.2 million of debt extinguishment costs and \$1.0 million of fees related to our senior secured term loan facility due September 2023 (the "New Term Loan Facility" and as amended on February 15, 2017 the "Amended New Term Loan Facility").

- (e) Acquisition integration costs in the year ended December 31, 2014 were incurred to fully integrate the acquisition of Mold-Masters Luxembourg Holdings S.à r.l. ("Mold-Masters"), Kortec Inc. ("Kortec"), TIRAD s.r.o ("TIRAD") and certain other smaller acquisitions. Costs included travel, consulting services, restructuring associated with personnel changes and a branding study to integrate the acquired companies into Milacron. Acquisition integration costs in the year ended December 31, 2015 included a \$0.4 million gain for an adjustment to an accrued incentive payment and \$1.7 million of costs to introduce the integration and new branding of all Milacron companies. In addition, acquisition integration costs in the year ended December 31, 2015 included \$1.9 million of costs related to the Kortec, TIRAD and Mold-Masters acquisitions for product line integration and other strategic alignment initiatives.
- (f) Professional fees in the year ended December 31, 2014 included \$1.5 million related to one-time strategic organizational initiatives and \$1.3 million related to certain advisory services for readiness initiatives associated with our initial public offering. Professional fees in the year ended December 31, 2015 included \$2.8 million of fees for readiness initiatives associated with our initial public offering and \$1.9 million of costs for strategic organizational initiatives. Professional fees in the year ended December 31, 2016 included \$4.7 million of costs for strategic organizational initiatives.
- (g) Business combination costs in the years ended December 31, 2014 and 2015 relate to certain professional, audit and other fees related to the acquisitions of Mold-Masters, Kortec, TIRAD, and certain other smaller acquisitions.
- (h) Non-cash fair market value adjustments in the year ended December 31, 2016 relate to acquisition accounting for the fair market value of inventory as part of our acquisition of CanGen Holdings Inc. ("CanGen") in the fourth quarter of 2015.
- (i) The annual effective tax rate adjustment primarily includes the tax benefit associated with reconciling net earnings (loss) to Adjusted Net Income.
- (j) Other costs for the year ended December 31, 2015 included a \$1.5 million non-cash gain related to the termination of a postretirement medical benefit plan and a non-cash charge of \$2.2 million related to the impairment of certain trademarks. Other costs for the year ended December 31, 2016 includes \$1.4 million related to the impairment of certain software licenses and the write-off of a \$0.5 million non-trade receivable.

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The following table provides a reconciliation of operating earnings, the most comparable U.S. GAAP measure, to Adjusted EBITDA for each of our segments.

	Year ended December 31, 2014		Year ended December 31, 2015			
(Dollars in millions)						
Operating earnings:						
APPT(a)	\$	49.4	\$	55.3	\$	34.9
MDCS(a)		59.7		52.1		91.4
Fluids		13.5		12.9		17.4
Corporate		(37.5)		(48.5)		(38.1)
Total operating earnings		85.1		71.8		105.6
Adjustments to operating earnings:						
APPT:						
Depreciation and amortization	\$	22.6	\$	19.9	\$	20.3
Currency effect on intercompany advances(b)				_		(0.1)
Net loss attributable to noncontrolling interest		0.1				
Organizational redesign costs(c)		5.5		7.0		22.6
Acquisition integration costs(f)		0.3		1.2		_
Professional services(g)		0.5		0.2		0.6
Fair market value adjustments(i)		_		_		0.3
Other(j)		0.1		2.2		3.0
Total APPT Adjustments		29.1		30.5		46.7
MDCS Adjustments:						
Depreciation and amortization		39.9		35.7		33.2
Currency effect on intercompany advances(b)		13.5		23.2		(3.0)
Organizational redesign costs(c)		1.7		8.3		5.2
Acquisition integration costs(f)		1.8		1.7		
Professional services(g)		0.3		0.3		0.1
Fair market value adjustments(i)		_		_		(0.1)
Other(j)						0.4
Total MDCS Adjustments		57.2		69.2		35.8
Fluids Adjustments:						
Depreciation and amortization		8.9		6.7		5.5
Organizational redesign costs(c)		1.4		5.0		1.0
Professional services				0.1		
Other(j)						0.5
Total Fluids Adjustments		10.3		11.8		7.0
Corporate Adjustments:		10.5		11.0		7.0
Depreciation and amortization		0.2		0.4		0.9
Currency effect on intercompany advances(b)		0.3		0.1		1.5
Organizational redesign costs(c)		4.3		1.4		4.1
Long-term equity options and shareholder fees(d)		5.5		22.9		7.1
Debt costs(e)		0.7		1.0		
Acquisition integration costs(f)		1.9		0.8		
Professional services(g)		2.8		4.6		4.0
Business combination costs(h)		1.1		0.4		
Other(j)				(1.5)		0.1
Total Corporate Adjustments		16.8		30.1		17.7
Total Corporate Aujustinents		10.0		50.1		1 / . /

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	Dece	Year ended December 31, 2014		Year ended December 31, 2015		ar ended ember 31, 2016
(Dollars in millions)						
Adjusted EBITDA:						
APPT	\$	78.5	\$	85.8	\$	81.6
MDCS		116.9		121.3		127.2
Fluids		23.8		24.7		24.4
Corporate		(20.7)		(18.4)		(20.4)
Total Adjusted EBITDA	\$	198.5	\$	213.4	\$	212.8

- (a) Effective January 1, 2016, the APPT segment includes our MPET product line that had previously been reported in the MDCS segment. This reclassification more closely reflects the change in management of this product line and its related growth opportunities. Prior year results have been reclassified to reflect the segment change. For the years ended December 31, 2014 and 2015, the MPET product line had operating losses of \$2.5 million and \$1.2 million, respectively.
- (b) Non-cash currency effect on intercompany advances primarily relates to advances in foreign currency exchange rates within the MDCS segment. The most significant exposure relates to the Canadian dollar pursuant to intercompany advances associated with the acquisition of Mold-Masters within the MDCS segment.
- (c) As incurred at the respective segments, organizational redesign costs in the year ended December 31, 2014 totaled \$3.4 million for salary and severance costs as a result of eliminated positions, \$3.6 million for costs related to changes in the executive management team, \$2.9 million for costs related to the transition of positions to low-cost countries and \$1.9 million for costs due to the shutdown of facilities. Organizational redesign costs in APPT and MDCS segments in the year ended December 31, 2015 included \$4.3 million and \$5.0 million for costs related to relocating our facilities in Italy and Belgium to the Czech Republic, respectively. As incurred at the respective segments, organizational redesign costs in the year ended December 31, 2015 included \$4.4 million for termination costs as a result of eliminated positions. Organizational redesign costs for Fluids during the year ended December 31, 2015 included \$3.7 million of severance and one-time project costs related to restructuring in Europe. Organizational redesign costs in the year ended December 31, 2016 included \$4.4 million of costs related to the shutdown of facilities in APPT, \$5.1 million of costs related to relocating our facilities in Belgium, Italy and Germany to the Czech Republic in APPT and MDCS and \$0.5 million of costs related to the restructuring of Fluids in Europe. In the year ended December 31, 2016, organizational redesign costs across all segments included \$13.3 million for termination costs as a result of eliminated positions.
- (d) Long-term equity awards and shareholder fees include the charges associated with stock-based compensation awards granted to certain executives and independent directors and a cash advisory fee paid to CCMP. The cash advisory payment to CCMP ceased as of the effective date of our initial public offering in June 2015.
- (e) Debt costs incurred during the year ended December 31, 2014 included \$0.7 million of fees to increase the Term Loan Facility. Debt costs incurred during the year ended December 31, 2015 included \$1.0 million of fees related to the New Term Loan Facility.
- (f) Acquisition integration costs relate to costs incurred to fully integrate the acquisition of Mold-Masters, Kortec, TIRAD and certain other smaller acquisitions. Costs include travel, consulting services, restructuring associated with personnel changes and a branding study to integrate the acquired companies

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into Milacron. Acquisition integration costs in the year ended December 31, 2014 were incurred to fully integrate the acquisitions of Mold-Masters, Kortec, TIRAD and certain other smaller acquisitions. Acquisition integration costs for MDCS in the year ended December 31, 2015 included a \$0.4 million gain for an adjustment to an accrued incentive payment and \$1.8 million related to the Kortec, TIRAD and Mold-Masters acquisitions for product line integration and other strategic alignment initiatives. Both APPT and Corporate acquisition integration costs for the year ended December 31, 2015 included \$0.7 million of one-time costs to introduce the integration and new branding of all Milacron companies, respectively.

- (g) In the year ended December 31, 2014, Corporate's professional fees included \$1.3 million for readiness initiatives associated with our initial public offering and \$1.5 million related to one-time strategic organizational initiatives. Professional fees incurred by Corporate in the year ended December 31, 2015 included \$2.0 million of costs for strategic organizational initiatives and \$2.6 million of costs for readiness initiatives associated with our initial public offering. Professional fees incurred by Corporate in the year ended December 31, 2016 included \$4.7 million of costs for strategic organizational initiatives.
- (h) Business combination costs relate to certain professional, audit and other fees related to the acquisitions of Mold-Masters, Kortec, TIRAD, and certain other smaller acquisitions.
- (i) Non-cash fair market value adjustments relate to acquisition accounting for the fair market value of inventory as part of our acquisition of CanGen in the fourth quarter of 2015.
- (j) Other costs in APPT for the year ended December, 31 2015 included a non-cash charge of \$2.2 million related to the impairment of certain trademarks. Other costs in Corporate for the year ended December 31, 2015 included a \$1.5 million non-cash gain related to the termination of a postretirement medical benefit plan. Other costs for APPT in the year ended December 31, 2016 includes \$1.4 million related to the impairment of certain software licenses. Other costs for Fluids in the year ended December 31, 2016 includes the write-off of a \$0.5 million nontrade receivable.

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RISK FACTORS

Investing in our common stock involves a high degree of risk. Before investing in our common stock, you should consider carefully the risks described below, together with the other information contained in this prospectus and incorporated by reference in this prospectus, including the risk factors incorporated by reference from our Annual Report on Form 10-K for the year ended December 31, 2016 and other filings we make with the SEC. We believe the risks described below and incorporated by reference herein are the risks that are material to us as of the date of this prospectus. If any of the following risks or the risks incorporated by reference herein occur, our business, financial condition, results of operations and future growth prospects could be materially and adversely affected. In these circumstances, the market price of our common stock could decline, and you may lose all or part of your investment.

Risks Related to Our Common Stock and this Offering

Our stock price might fluctuate significantly, which could cause the value of your investment in our common stock to decline, and you might not be able to resell your shares at a price at or above the public offering price.

Since our initial public offering in June 2015, the price of our common stock, as reported by the NYSE, has ranged from a low of \$11.56 on February 3, 2016 to a high of \$21.46 on September 17, 2015. In addition, securities markets worldwide have experienced, and are likely to continue to experience, significant price and volume fluctuations. This market volatility, as well as general economic, market or political conditions could reduce the market price of our common stock regardless of our results of operations. The trading price of our common stock is likely to be highly volatile and could be subject to wide price fluctuations in response to various factors, including, among other things, the risk factors described herein, and other factors beyond our control. Factors affecting the trading price of our common stock could include:

- market conditions in the broader stock market;
- actual or anticipated variations in our quarterly and annual financial and operating results and in our prospects;
- variations in financial and operating results and prospects of similar companies;
- introduction of new services or strategic actions, such as acquisitions or restructurings, by us, our competitors or our customers;
- issuance of new, negative or changed securities analysts' reports or recommendations or estimates;
- investor perceptions of us and the industries in which we or our customers operate;
- sales, or anticipated sales, of our stock, including sales by existing stockholders, and the termination or expiration of lock-up agreements with our management and stockholders;
- · additions or departures of key personnel;
- changes in accounting standards, policies, guidance, interpretations or principles;
- legal, regulatory or political developments;
- stock-based compensation expense under applicable accounting standards;
- litigation and governmental investigations; and

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• changing economic conditions in the United States and globally.

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These and other factors may cause the market price and demand for shares of our common stock to fluctuate substantially, which may limit or prevent investors from readily selling their shares of common stock and may otherwise negatively affect the liquidity of our common stock. In addition, in the past, when the market price of a stock has been volatile, holders of that stock have sometimes instituted securities class action litigation against the company that issued the stock. Securities litigation against us, regardless of the merits or outcome, could result in substantial costs and divert the time and attention of our management from our business, which could significantly harm our business, profitability and reputation.

Future sales of our common stock or securities convertible into or exchangeable for common stock could depress the market price of our common stock.

We and all of our existing stockholders may sell additional shares of common stock in subsequent public offerings. We may also issue additional shares of common stock or convertible debt securities to finance future acquisitions. Sales of substantial amounts of our common stock in the public market, or the perception that such sales could occur, could adversely affect the market price of our common stock. This includes 12,000,000 shares of common stock that the selling stockholders are selling in this offering, or 13,800,000 shares if the underwriters exercise their option to purchase additional shares in full, which may be resold immediately in the public market. Certain of our directors, executive officers and the selling stockholders will be subject to the lock-up agreements described in "Underwriting" and are subject to the Rule 144 holding period requirements described in "Shares Eligible for Future Sale—Rule 144." As of March 31, 2017, we had 500,000,000 shares of common stock authorized and 69,089,665 shares of common stock outstanding. After this offering and upon expiration of the lock-up agreements, and after the holding period requirements of Rule 144 of the Securities Act of 1933, as amended (the "Securities Act"), have elapsed, approximately an additional 24,116,595 shares will be eligible for sale in the public market.

CCMP and certain of our other stockholders (and certain permitted transferees thereof) have registration rights with respect to the common stock they hold. These shares may be sold in the public market; however, the shares held by CCMP and certain other stockholders are subject to a 60-day lock-up period.

The underwriters may, in their sole discretion and without notice, release all or any portion of the shares subject to lock-up agreements prior to expiration of the lock-up period. Subject to the terms of the lock-up agreements, we also may issue our shares of common stock or securities convertible into our common stock from time to time in connection with a financing, acquisition, investments or otherwise. We cannot predict the size of future issuances of our common stock or the effect, if any, that future issuances and sales of our common stock will have on the market price of our common stock. Any such issuance could result in substantial dilution to our existing stockholders. Due to these factors, sales of a substantial number of shares of our common stock in the public market could occur at any time. Any decline in the price of shares of our common stock could impede our ability to raise capital through the issuance of additional shares of our common stock or other equity securities.

Maintaining and improving our financial controls and the requirements of being a public company may strain our resources, divert management's attention and affect our ability to attract and retain qualified board members.

As a public company, we are subject to the reporting requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), the Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 (the "Dodd-Frank Act") and the NYSE rules. Following our initial public offering, the requirements of these rules and regulations have increased and will continue to significantly increase our legal and financial compliance costs, including costs associated with the hiring of additional personnel, making some activities more difficult, time-consuming or costly, and may also place undue strain on our personnel, systems and resources. The Exchange Act requires, among other things, that we file annual, quarterly and current reports with respect to our business and financial condition.

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The Sarbanes-Oxley Act requires, among other things, that we maintain disclosure controls and procedures and internal control over financial reporting. Ensuring that we have adequate internal financial and accounting controls and procedures in place, as well as maintaining these controls and procedures, is a costly and time-consuming effort that needs to be re-evaluated frequently. Section 404 of the Sarbanes-Oxley Act ("Section 404") requires that we annually evaluate our internal control over financial reporting to enable management to report on, and our independent auditors to audit as of the end of each fiscal year the effectiveness of those controls. In connection with the Section 404 requirements, both we and our independent registered public accounting firm test our internal controls and could, as part of that documentation and testing, identify material weaknesses, significant deficiencies or other areas for further attention or improvement.

Implementing any appropriate changes to our internal controls may require specific compliance training for our directors, officers and employees, require the hiring of additional finance, accounting and other personnel, entail substantial costs to modify our existing accounting systems, and take a significant period of time to complete. Such changes may not, however, be effective in maintaining the adequacy of our internal controls, and any failure to maintain that adequacy, or consequent inability to produce accurate financial statements on a timely basis, could increase our operating costs and could materially impair our ability to operate our business. Moreover, adequate internal controls are necessary for us to produce reliable financial reports and are important to help prevent fraud. As a result, our failure to satisfy the requirements of Section 404 on a timely basis could result in the loss of investor confidence in the reliability of our financial statements, which in turn could cause the market value of our common stock to decline.

Various rules and regulations applicable to public companies make it more difficult and more expensive for us to maintain directors' and officers' liability insurance, and we may be required to accept reduced coverage or incur substantially higher costs to maintain coverage. If we are unable to maintain adequate directors' and officers' liability insurance, our ability to recruit and retain qualified officers and directors, especially those directors who may be deemed independent for purposes of the NYSE rules, will be significantly curtailed.

We do not anticipate paying any dividends for the foreseeable future.

We do not intend in the foreseeable future to pay any dividends to holders of our common stock. We currently intend to retain our future earnings, if any, for the foreseeable future, to repay indebtedness and to support our general corporate purposes. Therefore, you are not likely to receive any dividends on your common stock for the foreseeable future, and the success of an investment in shares of our common stock will depend upon any future appreciation in their value. There is no guarantee that shares of our common stock will appreciate in value or even maintain the price at which our stockholders have purchased their shares. However, the payment of future dividends will be at the discretion of our board of directors (the "Board"), subject to applicable law, and will depend on, among other things, our earnings, financial condition, capital requirements, level of indebtedness, statutory and contractual restrictions that apply to the payment of dividends and other considerations that our Board deems relevant. Our debt agreements limit the amounts available to us to pay cash dividends, and, to the extent that we require additional funding, sources may prohibit the payment of a dividend. As a consequence of these limitations and restrictions, we may not be able to make, or may have to reduce or eliminate, the payment of dividends on our common stock.

We are a holding company and rely on dividends and other payments, advances and transfers of funds from our subsidiaries to meet our obligations and pay any dividends.

We have no direct operations and no significant assets other than ownership of 100% of the capital stock of our subsidiaries. Because we conduct our operations through our subsidiaries, we depend on those entities for dividends and other payments to generate the funds necessary to meet our financial obligations, and to pay any dividends with respect to our common stock. Legal and contractual restrictions in our senior secured facilities and other agreements which may govern future indebtedness of our subsidiaries, as well as the financial condition and operating requirements of our subsidiaries, may limit our ability to obtain cash from our

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subsidiaries. The earnings from, or other available assets of, our subsidiaries might not be sufficient to pay dividends or make distributions or loans to enable us to pay any dividends on our common stock or other obligations. Any of the foregoing could materially and adversely affect our business, financial condition, results of operations and cash flows.

CCMP will continue to own a significant portion of our outstanding common stock and, as a result, the influence of our public stockholders over significant corporate actions may be limited, and CCMP's interests may be different from or conflict with those of our other stockholders.

After the consummation of this offering, CCMP will collectively beneficially own 29.0% of our outstanding common stock, or 26.8% of our outstanding common stock if the underwriters fully exercise their option to purchase additional shares. As a consequence, CCMP could exert a significant degree of influence over our management and affairs and may control matters requiring stockholder approval, including the election of directors, a merger, consolidation or sale of all or substantially all of our assets, and any other significant transaction. The interests of CCMP might not always coincide with our interests or the interests of our other stockholders. For instance, this concentration of ownership may have the effect of delaying or preventing a change in control of us otherwise favored by our other stockholders and could depress our stock price to the extent investors perceive disadvantages in owning stock of a company with a controlling stockholder.

CCMP makes investments in companies and may, from time to time, acquire and hold interests in businesses that compete directly or indirectly with us. CCMP may also pursue, for its own accounts, acquisition opportunities that may be complementary to our business, and as a result, those acquisition opportunities might not be available to us. Our organizational documents contain provisions renouncing any interest or expectancy held by our directors affiliated with CCMP in certain corporate opportunities. Accordingly, the interests of CCMP may supersede ours, causing CCMP or its affiliates to compete against us or to pursue opportunities instead of us, for which we have no recourse. Such actions on the part of CCMP and inaction on our part could have a material adverse effect on our business, financial condition, results of operations and cash flows.

Full-time investment professionals of CCMP currently occupy three seats on our Board. Since CCMP could invest in entities that directly or indirectly compete with us, when conflicts arise between the interests of CCMP and the interests of our stockholders, these directors may not be disinterested.

Provisions of our corporate governance documents and Delaware law could make an acquisition of our company more difficult and may prevent attempts by our stockholders to replace or remove our current management, even if beneficial to our stockholders.

Provisions of our second amended and restated certificate of incorporation and our amended and restated bylaws contain provisions that delay, defer or discourage transactions involving an actual or potential change in control of us or change in our management that stockholders may consider favorable, including transactions in which you might otherwise receive a premium for your shares. These provisions could also limit the price that investors might be willing to pay in the future for shares of our common stock, thereby depressing the market price of our common stock. In addition, these provisions may frustrate or prevent any attempts by our stockholders to replace or remove our current management by making it more difficult for stockholders to replace members of our Board. Because our Board is responsible for appointing the members of our management team, these provisions could in turn affect any attempt to replace current members of our management team. Among others, these provisions include:

- our ability to issue preferred stock without stockholder approval;
- a classified board of directors so not all directors are elected at one time;
- the requirement that our stockholders may not act without a meeting except with unanimous written consent
 of the Board;

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• requirements for advance notification of stockholder nominations and proposals contained in our bylaws;

- the absence of cumulative voting for our directors; and
- requirements for stockholder approval of certain business combinations.

Additionally, we opted out of Section 203 of the Delaware General Corporation Law (the "DGCL") which, subject to certain exceptions, prohibits a publicly held Delaware corporation from engaging in a business combination with an interested stockholder, generally a person which together with its affiliates owns, or within the last three years has owned, 15% of our voting stock, for a period of which the person became an interested stockholder, unless the business combination is approved in a prescribed manner. Our second amended and restated certificate of incorporation provides that we will not be governed by Section 203 of the DGCL until there occurs a transaction following the consummation of which CCMP or its affiliates holds beneficial ownership of less than 5% of the voting power of our then outstanding common stock. The existence of the foregoing provision could also limit the price that investors might be willing to pay in the future for shares of our common stock, thereby depressing the market price of our common stock.

If securities or industry analysts do not publish research or reports about our business, if they adversely change their recommendations regarding our stock or if our results of operations do not meet their expectations, our stock price and trading volume could decline.

The trading market for our common stock will be influenced by the research and reports that industry or securities analysts publish about us, our business or our industry. If one or more of these analysts cease coverage of our company or fail to publish reports on us regularly, we could lose visibility in the financial markets, which in turn could cause our stock price or trading volume to decline. Moreover, if one or more of the analysts who cover us downgrade our stock, or if our results of operations do not meet their expectations, our stock price could decline.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference into it contain forward-looking statements that are subject to risks and uncertainties. All statements other than statements of historical fact or relating to present facts or current conditions included in or incorporated by reference in this prospectus are forward-looking statements. Forward-looking statements give our current expectations and projections relating to our financial condition, results of operations, plans, objectives, future performance and business. You can identify forward-looking statements by the fact that they do not relate strictly to historical or current facts. These statements may include words such as "anticipate," "estimate," "expect," "project," "plan," "intend," "believe," "may," "should," "can have," "likely" and other words and terms of similar meaning in connection with any discussion of the timing or nature of future operating or financial performance or other events. Examples of forward-looking statements include, but are not limited to, statements we make regarding (1) our belief that our cash and cash equivalents, cash flow from operations and borrowings under our senior secured asset-based revolving credit facility and other foreign lines of credit will provide us adequate cash to fund the operating needs, working capital, capital expenditure, debt service and other requirements for our business for the foreseeable future; (2) estimated capital expenditures for future periods; and (3) estimated cost savings and opportunities to drive margin improvements.

The forward-looking statements contained in or incorporated by reference in this prospectus are based on assumptions that we have made in light of our industry experience and our perceptions of historical trends, current conditions, expected future developments and other factors we believe are appropriate under the circumstances. As you read and consider this prospectus and the documents incorporated by reference into this prospectus, you should understand that these statements are not guarantees of performance or results. They involve risks, uncertainties (many of which are beyond our control) and assumptions. Although we believe that these forward-looking statements are based on reasonable assumptions, you should be aware that many factors could affect our actual operating and financial performance and cause our performance to differ materially from the performance anticipated in the forward-looking statements, including the risks and uncertainties discussed in this prospectus under the headings "Risk Factors" and in the documents we incorporate by reference. We believe these factors include, but are not limited to:

- demand for our products being significantly affected by general economic conditions;
- any decline in the use of plastic;
- the competitiveness of the industries in which we operate and the financial resources of our competitors;
- our ability to successfully develop and implement strategic initiatives to increase cost savings and improve operating margins;
- increases in our cost structure, including the cost of raw materials, components and parts and any disruption in our supply chain;
- unfavorable international political, regulatory, labor and tax conditions;
- the rate of economic development and growth in emerging markets;
- our exposure to currency translation risk and currency transaction risk;
- our ability to develop new products and respond to technological changes in our industry;
- the effect of business disruptions, security threats and security breaches;

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• our ability to adequately protect our intellectual property and proprietary rights;

- our inability to convert backlog and open orders into revenue;
- our inability to satisfy orders on a timely basis and maintain production at our facilities;
- the failure of our products to perform and meet customer requirements or expectations;
- potential responsibilities and costs under environmental laws;
- work stoppages or unionization activities;
- tax uncertainties and limits on our ability to use our net operating loss carryforwards;
- downturns in the economy and disruptions in the financial and credit markets;
- our ability to maintain and enhance our brand and reputation;
- potential responsibilities and costs under anti-corruption statutes and U.S. regulations;
- our substantial indebtedness;
- significant operating and financial restrictions under our credit agreements and indentures;
- risks related to our capital structure and ownership; and
- other factors that are described in "Risk Factors" and in the documents we incorporate by reference.

Should one or more of these risks or uncertainties materialize, or should any of these assumptions prove incorrect, our actual operating and financial performance may vary in material respects from the performance projected in these forward-looking statements. We caution you therefore against relying on these forward-looking statements.

Any forward-looking statement made by us in this prospectus and in the documents incorporated herein by reference speaks only as of the date on which we make it. Factors or events that could cause our actual operating and financial performance to differ may emerge from time to time, and it is not possible for us to predict all of them. We undertake no obligation to publicly update any forward-looking statement, whether as a result of new information, future developments or otherwise, except as may be required by law.

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USE OF PROCEEDS

We will not receive any of the proceeds from the sale of shares of our common stock by the selling stockholders in this offering, including from any exercise by the underwriters of their option to purchase additional shares. For more information about the selling stockholders, see "Principal and Selling Stockholders."

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DIVIDEND POLICY

We do not intend to pay cash dividends on our common stock in the foreseeable future. We are a holding company that does not conduct any business operations of our own. As a result, our ability to pay cash dividends on our common stock is dependent upon cash dividends and distributions and other transfers from our subsidiaries. The amounts available to us to pay cash dividends are restricted by our subsidiaries' debt agreements. The declaration and payment of dividends also is subject to the discretion of our Board and depends on various factors, including our net earnings, financial condition, cash requirements, future prospects and other factors deemed relevant by our Board.

In addition, under Delaware law, our Board may declare dividends only to the extent of our surplus (which is defined as total assets at fair market value minus total liabilities, minus statutory capital) or, if there is no surplus, out of our net profits for the then current and/or immediately preceding fiscal year.

Any future determination to pay dividends will be at the discretion of our Board, and will take into account:

- restrictions in our debt instruments, including our Amended New Term Loan Facility and our senior secured asset-based revolving credit facility
- · general economic business conditions;
- our financial condition, results of operations and cash flows;
- the ability of our operating subsidiaries to pay dividends and make distributions to us;
- · legal restrictions; and
- such other factors as our Board may deem relevant.

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MARKET PRICE OF OUR COMMON STOCK

Our common stock has been listed on the NYSE under the symbol "MCRN" since June 25, 2015. Prior to that time, there was no public market for our common stock. The following table sets forth for the periods indicated the high and low sale prices of our common stock on NYSE.

	High	Low
2015		·
Second Quarter (from June 25, 2015)	\$20.44	\$19.06
Third Quarter	\$21.46	\$14.28
Fourth Quarter	\$19.07	\$12.33
2016		
First Quarter	\$16.74	\$11.56
Second Quarter	\$18.50	\$13.85
Third Quarter	\$17.69	\$13.52
Fourth Quarter	\$19.32	\$12.43
2017		
First Quarter	\$19.25	\$15.93
Second Quarter (through April 28, 2017)	\$19.29	\$17.17

The closing price of our common stock as of April 28, 2017 was \$18.82 per share.

On April 28, 2017, we had approximately 30 holders of record of our common stock. The actual number of stockholders is greater than this number of record holders, and includes stockholders who are beneficial owners but whose shares are held in street name by brokers and other nominees. The number of record holders also does not include stockholders whose shares may be held in trust by other entities.

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PRINCIPAL AND SELLING STOCKHOLDERS

Security Ownership

The following table shows information as of March 31, 2017 regarding the beneficial ownership of our common stock (1) prior to this offering and (2) as adjusted to give effect to this offering by:

- each person or group who is known by us to own beneficially more than 5% of our common stock;
- each member of our Board and each of our named executive officers; and
- all members of our Board and our executive officers as a group.

Beneficial ownership of shares is determined under rules of the SEC and generally includes any shares over which a person exercises sole or shared voting or investment power. Percentage of beneficial ownership is based on 69,089,665 shares of common stock outstanding as of March 31, 2017. Shares of common stock subject to options currently exercisable or exercisable within 60 days of March 31, 2017 are deemed to be outstanding and beneficially owned by the person holding the options for the purposes of computing the percentage of beneficial ownership of that person and any group of which that person is a member, but are not deemed outstanding for the purpose of computing the percentage of beneficial ownership for any other person. Except as otherwise indicated, the persons named in the table below have sole voting and investment power with respect to all shares of capital stock held by them. Unless otherwise indicated, the address for each holder listed below is c/o Milacron Holdings Corp., 10200 Alliance Road, Suite 200, Cincinnati, OH 45242.

					owned after this offering			
	Shares of common stock beneficially owned before this offering		Number of	Number of shares	Assuming no exercise of the underwriters option to purchase additional shares		Assuming full exercise of the underwriters option to purchase additional shares	
	Number of	Percentage of	shares	subject	Number of	Percentage of	Number of	Percentage
Name and address of beneficial owner	oi shares	oi shares	being offered	to option	oi shares	oi shares	oi shares	of shares
5% stockholders:	511111111			орион	51111 05	51111 05	51111 05	511111105
CCMP(1)	30,088,407	43.5%	10,060,165	1,509,025	20,028,242	29.0%	18,519,217	26.8%
AIMCo(2)	5,801,748	8.4%	1,939,835	290,975	3,861,913	5.6%	3,570,938	5.2%
Levin Capital Strategies, L.P.(3)	3,512,076	5.1%	· · ·	_	3,512,076	5.1%	3,512,076	5.1%
Named executive officers and								
directors:								
Tom Goeke(4)	1,013,974	1.4%	_	_	1,013,974	1.4%	1,013,974	1.4%
Bruce Chalmers(5)	192,999	*	_	_	192,999	*	192,999	*
Ronald Krisanda(6)	420,062	*	_	_	420,062	*	420,062	*
Ira Boots(7)	455,189	*	_	_	455,189	*	455,189	*
Greg Brenneman(1)	_	_	_	_	_	_	_	_
Mark McFadden(1)	_	_	_	_	_	_	_	_
Waters Davis(8)	62,842	*	_	_	62,842	*	62,842	*
Jim Gentilcore(9)	95,456	*	_	_	95,465	*	95,456	*
Timothy Walsh(1)	_	_	_	_	_	_	_	_
Jim Kratochvil(10)	83,466	*	_	_	83,466	*	83,466	*
James Ridout	_	_	_	_	_	_	_	_
All board of director members and executive officers as a								
group (11 persons)	2,323,988	3.3%	_	_	2,323,988	3.3%	2,323,988	3.3%

^{*} Less than 1%

Shares of common stock beneficially

⁽¹⁾ Includes 26,549,631 shares of common stock held by CCMP Capital Investors II, L.P. ("CCMP Capital Investors") and 3,538,776 shares of common stock held by CCMP Capital Investors (Cayman) II, L.P. ("CCMP Cayman," and together with CCMP Capital Investors, the "CCMP Capital Funds"). The general

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partner of the CCMP Capital Funds is CCMP Capital Associates, L.P ("CCMP Capital Associates"). The general partner of CCMP Capital Associates is CCMP Capital Associates GP, LLC ("CCMP Capital Associates GP"). CCMP Capital Associates GP is wholly-owned by CCMP Capital, LP. The general partner of CCMP Capital, LP is CCMP Capital GP, LLC ("CCMP Capital GP"). CCMP Capital GP ultimately exercises voting and dispositive power over the shares held by the CCMP Capital Funds. Voting and disposition decisions at CCMP Capital GP with respect to such shares are made by a committee, the members of which are Greg Brenneman, Timothy Walsh and Christopher Behrens. Greg Brenneman is Executive Chairman and Timothy Walsh is President and Chief Executive Officer of CCMP. The address of each of Messrs. Brenneman and Walsh and each of the entities described above is c/o CCMP Capital Advisors, LP, 277 Park Avenue, New York, New York 10172, except the address of CCMP Cayman is c/o Intertrust Corporate Services (Cayman) Limited, 190 Elgin Avenue, George Town, Grand Cayman, KY1-9005, Cayman Islands. Each of Messrs. Brenneman, Walsh and Behrens disclaims beneficial ownership of the shares held by the CCMP Capital Funds.

- (2) Comprises common stock owned by PE12GVPE (Talon) Ltd. and PE12PXPE (Talon) Ltd., all of which are directly or indirectly owned by entities advised and managed by Alberta Investment Management Corporation. The address for each of PE12GVPE (Talon) Ltd. and PE12GVPE (Talon) Ltd. is 1100—10830 Jasper Avenue, Edmonton, Alberta Canada, T5J 2B3.
- (3) Based on information obtained from Amendment No. 2 to Schedule 13G filed by Levin Capital Strategies, L. P.; Levin Capital Strategies GP, LLC; LCS, LLC; LCS Event Partners, LLC; LCS L/S, LLC; and John A. Levin (collectively "Levin") on February 13, 2017. According to that report, Levin possesses sole power to vote or to direct the voting of 20,910 of such shares and possesses shared power to vote or to direct the voting of 3,468,126 of such shares and possesses sole power to dispose or to direct the disposition of 20,910 of such shares and possesses shared power to dispose or to direct the disposition of 3,512,076 of such shares. In addition, according to that report, Levin's business address is 595 Madison Avenue, New York, New York 10022.
- (4) Includes options to purchase 1,006,474 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (5) Includes options to purchase 177,869 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (6) Includes options to purchase 388,487 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (7) Includes options to purchase 428,795 shares of common stock held by the Boots Family Trust No. 1 U/A 12-29-2005, of which Mr. Boots is the trustee, that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (8) Includes options to purchase 35,971 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (9) Includes options to purchase 35,971 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.
- (10) Includes options to purchase 23,981 shares of common stock that are currently exercisable or exercisable within 60 days of March 31, 2017.

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DESCRIPTION OF CAPITAL STOCK

General

Our authorized capital stock consists of 500,000,000 shares of common stock, par value \$0.01 per share, and 50,000,000 shares of preferred stock, par value \$0.01 per share. The following is a description of the material terms of our second amended and restated certificate of incorporation and amended and restated bylaws, which description is qualified in its entirety by reference to our second amended and restated certificate of incorporation and amended and restated bylaws. Copies of these documents have been filed with the SEC as exhibits to our registration statement, of which this prospectus forms a part.

Common Stock

As of December 31, 2016, there were 68,473,561 shares of our common stock outstanding and held of record by approximately 36 stockholders. Holders of our common stock are entitled to the following rights.

Voting Rights

Directors are elected by a plurality of the votes entitled to be cast. Our stockholders do not have cumulative voting rights. Except as otherwise provided in our second amended and restated certificate of incorporation or as required by law, all matters to be voted on by our stockholders other than matters relating to the election and removal of directors must be approved by a majority of the shares present in person or by proxy at the meeting and entitled to vote on the subject matter or by a written resolution of the stockholders representing the number of affirmative votes required for such matter at a meeting.

Dividend Rights

Holders of common stock will share equally in any dividend declared by our Board, subject to the rights of the holders of any outstanding preferred stock.

Liquidation Rights

In the event of any voluntary or involuntary liquidation, dissolution or winding up of our affairs, holders of our common stock would be entitled to share ratably and proportionally in our assets that are legally available for distribution to stockholders after payment of liabilities. If we have any preferred stock outstanding at such time, holders of the preferred stock may be entitled to distribution and/or liquidation preferences. In either such case, we must pay the applicable distribution to the holders of our preferred stock before we may pay distributions to the holders of our common stock.

Other Rights

Our stockholders have no preemptive or other rights to subscribe for additional shares. All holders of our common stock are entitled to share equally on a share-for-share basis in any assets available for distribution to common stockholders upon our liquidation, dissolution or winding up. All outstanding shares are, and all shares offered by this prospectus will be, when sold, validly issued, fully paid and nonassessable.

Preferred Stock

Our Board is authorized to provide for the issuance of preferred stock in one or more series or classes and to fix the preferences, powers and relative, participating, optional or other special rights and qualifications, limitations or restrictions thereof, including the dividend rate, conversion rights, voting rights, redemption rights and liquidation preference and to fix the number of shares to be included in any such series without any further

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vote or action by our stockholders. Any preferred stock so issued may rank senior to our common stock with respect to the payment of dividends or amounts upon liquidation, dissolution or winding up, or both. In addition, any such shares of preferred stock may have class or series voting rights. The issuance of preferred stock may have the effect of delaying, deferring or preventing a change in control of our company without further action by the stockholders and may adversely affect the voting and other rights of the holders of our common stock.

Registration Rights

On July 8, 2013, we, CCMP, affiliates of Alberta Investment Management Corporation (collectively referred to as "AIMCo"), certain of our management investors and Ira Boots entered into an Amended and Restated Stockholders Agreement (the "Stockholders Agreement"). The Stockholders Agreement contains provisions relating to the right to require us to register their shares under the Securities Act, and to participate in future registrations of securities by us, under the circumstances described below.

Demand Registration Rights

CCMP has the right to demand an unlimited number of times that we use our best efforts to effect the registration of registerable shares (as defined in the Stockholders Agreement) of our common stock under the Securities Act. These registrations rights are subject to customary specified conditions and limitations, including that the gross offering price of all registerable shares would be no less than \$10,000,000.

Piggyback Registration Rights

If we propose for any reason to register any shares of our common stock under the Securities Act, either for our own account or for the account of another person, then certain stockholders party to the Stockholders Agreement, including CCMP, AIMCo, our management investors and Ira Boots, will be entitled to notice of the registration and will be entitled to include their shares of common stock in the registration statement. These piggyback registration rights are subject to customary specified conditions and limitations, including the right of the underwriters, if any, to limit the number of shares included in any such registration under specified circumstances.

Anti-takeover Provisions

Our second amended and restated certificate of incorporation and amended and restated bylaws contain provisions that delay, defer or discourage transactions involving an actual or potential change in control of us or change in our management. We expect that these provisions, which are summarized below, will discourage coercive takeover practices or inadequate takeover bids. These provisions are also designed to encourage persons seeking to acquire control of us to first negotiate with our Board, which we believe may result in an improvement of the terms of any such acquisition in favor of our stockholders. However, they also give our Board the power to discourage transactions that some stockholders may favor, including transactions in which stockholders might otherwise receive a premium for their shares or transactions that our stockholders might otherwise deem to be in their best interests. Accordingly, these provisions could adversely affect the price of our common stock.

Board Composition

We have a classified board of directors, in which our Board is divided into three classes, with one class being elected at each annual meeting of stockholders. Each director will serve a three-year term, with termination staggered according to class. As a result, it may discourage third-party proxy contests, tender offers or attempts to obtain control of us even if such changes would be beneficial to us and our stockholders.

Our second amended and restated certificate of incorporation provides that directors may only be removed for cause by the affirmative vote of the holders of at least a majority of the voting power of all

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outstanding shares of capital stock then entitled to vote on the election of directors voting together as a single class. Furthermore, any vacancy on our Board, however occurring, including a vacancy resulting from an increase in the size of our Board, may only be filled by the affirmative vote of a majority of our directors then in office, even if less than a quorum.

Requirements for Advance Notification of Stockholder Meetings, Nominations and Proposals

Our amended and restated bylaws provide that, after CCMP and AIMCo collectively own less than 50.1% of our then outstanding common stock, special meetings of the stockholders may be called at any time, but only by or at the direction of a majority of the directors then in office, the chairperson of the Board or the chief executive officer. Our amended and restated bylaws prohibit the conduct of any business at a special meeting other than as specified in the notice for such meeting. These provisions may have the effect of deferring, delaying or discouraging hostile takeovers or changes in control or management of our company.

Our amended and restated bylaws establish advance notice procedures with respect to stockholder proposals and the nomination of candidates for election as directors, other than nominations made by or at the direction of our Board or a committee of our Board. In order for any matter to be "properly brought" before a meeting, a stockholder will have to comply with the advance notice requirements of directors, which may be filled only by a vote of a majority of directors then in office, even though less than a quorum, and not by the stockholders. Our amended and restated bylaws allow the presiding officer at a meeting of the stockholders to adopt rules and regulations for the conduct of meetings which may have the effect of precluding the conduct of certain business at a meeting if the rules and regulations are not followed. These provisions may also defer, delay or discourage a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to obtain control of our company.

No Stockholder Action by Written Consent

Our second amended and restated certificate of incorporation provides that, subject to the rights of any holders of preferred stock to act by written consent instead of a meeting, stockholder action may be taken only at an annual meeting or special meeting of stockholders and may not be taken by written consent instead of a meeting, unless affiliates of CCMP and AIMCo collectively own less than 50.1% of our then outstanding common stock or the action to be taken by written consent of stockholders and the taking of this action by written consent has been expressly approved in advance by our Board. Failure to satisfy any of the requirements for a stockholder meeting could delay, prevent or invalidate stockholder action. The effect of this provision is that CCMP's affirmative vote with respect to the common stock of the Company that they hold would be required for any stockholder action by written consent.

Section 203 of the DGCL

Our second amended and restated certificate of incorporation provides that the provisions of Section 203 of the DGCL, which relate to business combinations with interested stockholders, do not apply to us, until the moment in time, if ever, immediately following the time at which both of the following conditions exist: (i) Section 203 by its terms would, but for the terms of our second amended and restated certificate of incorporation, apply to us and (ii) there occurs a transaction following the consummation of which CCMP and its affiliates no longer own at least 5% or more of our issued and outstanding common stock entitled to vote. Our second amended and restated certificate of incorporation provides that, at such time, we will automatically become subject to Section 203 of the DGCL. Section 203 of the DGCL prohibits a publicly held Delaware corporation from engaging in a business combination transaction with an interested stockholder (a stockholder who owns more than 15% of our common stock) for a period of three years after the interested stockholder became such unless the transaction fits within an applicable exemption, such as Board approval of the business combination or the transaction that resulted in such stockholder becoming an interested stockholder. These

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provisions would apply even if the business combination could be considered beneficial by some stockholders. Although we have elected to opt out of the statute's provisions, we could elect to be subject to Section 203 in the future.

Exclusive Forum

Our second amended and restated certificate of incorporation provides that, subject to certain exceptions, the Court of Chancery of the State of Delaware shall be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of the Company, (ii) any action asserting a claim of breach of a fiduciary duty owed by, or any wrongdoing by, any director, officer or employee of the Company to the Company or the Company's stockholders, (iii) any action asserting a claim arising pursuant to any provision of the DGCL, the second amended and restated certificate of incorporation or the bylaws of the Company, (iv) any action to interpret, apply, enforce or determine the validity of the Company's second amended and restated certificate of incorporation or bylaws or (v) any action asserting a claim governed by the internal affairs doctrine. However, it is possible that a court could rule that this provision is unenforceable or inapplicable.

Corporate Opportunities

Our second amended and restated certificate of incorporation provides that directors appointed by CCMP or AIMCo do not have any obligation to offer us an opportunity to participate in business opportunities presented to CCMP and AIMCO even if the opportunity is one that we might reasonably have pursued (and therefore may be free to compete with us in the same business or similar businesses), and that, to the extent permitted by law, CCMP will not be liable to us or our stockholders for breach of any duty by reason of any such activities.

Authorized but Unissued Shares

The authorized but unissued shares of our common stock and our preferred stock will be available for future issuance without any further vote or action by our stockholders. These additional shares may be utilized for a variety of corporate purposes, including future public offerings to raise additional capital, corporate acquisitions and employee benefit plans. The existence of authorized but unissued shares of our common stock and our preferred stock could render more difficult or discourage an attempt to obtain control over us by means of a proxy contest, tender offer, merger or otherwise.

Listing

Our common stock is listed on the NYSE under the symbol "MCRN."

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A.

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SHARES ELIGIBLE FOR FUTURE SALE

Future sales of our common stock in the public market, or the perception that sales may occur, could materially adversely affect the prevailing market price of our common stock at such time and our ability to raise equity capital in the future.

Sale of Restricted Securities

We have 68,473,561 shares of our common stock outstanding as of December 31, 2016, including the shares being sold in this offering. All shares sold in this offering will be freely tradable without further restriction or registration under the Securities Act, except that any shares purchased by our affiliates may generally only be sold in compliance with Rule 144 under the Securities Act, which is described below. Of the remaining outstanding shares, 24,116,595 shares will be deemed "restricted securities" under the Securities Act.

Lock-Up Arrangements and Registration Rights

In connection with this offering, certain of our directors and executive officers and the selling stockholders, collectively representing 24,116,595 shares of our common stock, will enter into lock-up agreements described under "Underwriting" that restrict the sale of our securities for up to 60 days after the date of this prospectus, subject to certain exceptions or an extension in certain circumstances.

Following the lock-up period described above, all of the shares of our common stock that are restricted securities or are held by our affiliates as of the date of this prospectus will be eligible for sale in the public market in compliance with Rule 144 under the Securities Act.

Rule 144

The shares of our common stock sold in this offering will generally be freely transferable without restriction or further registration under the Securities Act, except that any shares of our common stock held by an "affiliate" of ours may not be resold publicly except in compliance with the registration requirements of the Securities Act or under an exemption under Rule 144 or otherwise. Rule 144 permits our common stock that has been acquired by a person who is an affiliate of ours, or has been an affiliate of ours within the past three months, to be sold into the market in an amount that does not exceed, during any three-month period, the greater of:

- one percent of the total number of shares of our common stock outstanding; or
- the average weekly reported trading volume of our common stock for the four calendar weeks prior to the sale.

Such sales are also subject to specific manner of sale provisions, a six-month holding period requirement, notice requirements and the availability of current public information about us.

No shares of our common stock that are not subject to lock-up arrangements described above will be eligible for sale under Rule 144 immediately upon the closing.

Rule 144 also provides that a person who is not deemed to have been an affiliate of ours at any time during the three months preceding a sale, and who has for at least six months beneficially owned shares of our common stock that are restricted securities, will be entitled to freely sell such shares of our common stock subject only to the availability of current public information regarding us. A person who is not deemed to have been an affiliate of ours at any time during the three months preceding a sale, and who has beneficially owned for at least one year shares of our common stock that are restricted securities, will be entitled to freely sell such shares of our common stock under Rule 144 without regard to the current public information requirements of Rule 144.

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Additional Registration Statements

We have filed registration statements on Form S-8 under the Securities Act to register all shares of our common stock to be issued or reserved for issuance under our equity incentive plans. Accordingly, such shares registered under such registration statements will be available for sale in the open market, unless such shares are subject to vesting restrictions with us or the lock-up restrictions described above.

Rule 701

In general, under Rule 701 as currently in effect, any of our employees, directors, officers, consultants or advisors who acquired common stock from us in connection with a written compensatory stock or option plan or other written agreement in compliance with Rule 701 under the Securities Act before the effective date of a registration statement is entitled to rely on Rule 701 to resell such shares in reliance on Rule 144. An affiliate of the issuer can resell shares in reliance on Rule 144 without having to comply with the holding period requirements of Rule 144, and a non-affiliate of the issuer can resell shares in reliance on Rule 144 without having to comply with the holding period requirements of Rule 144 and without regard to the volume of such sales or the availability of public information about the issuer. However, substantially all of our shares issued under Rule 701 will be subject to lock-up agreements as described above and will only become eligible for sale upon the expiration of the restrictions set forth in those agreements.

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MATERIAL U.S. FEDERAL INCOME AND ESTATE TAX CONSIDERATIONS FOR NON-U.S. HOLDERS

The following discussion summarizes material U.S. federal income and estate tax consequences to "non-U.S. holders" of ownership and disposition of our common stock, but does not purport to provide a complete analysis of all potential U.S. federal income tax and estate tax considerations relating thereto.

For purposes of the following discussion, a "non-U.S. holder" is a beneficial owner of our common stock that is, for U.S. federal income tax purposes:

- a nonresident alien individual;
- a foreign corporation; or
- a foreign estate or trust.

You are not a non-U.S. holder if you are an alien individual present in the United States for 183 days or more in the taxable year of disposition, or in certain cases if you are a former U.S. citizen or former resident of the United States, in either of which cases you should consult your tax advisor regarding the U.S. federal income tax consequences of acquiring, owning or disposing of our common stock.

If an entity or arrangement treated as a partnership or other type of pass-through entity for U.S. federal income tax purposes owns our common stock, the tax treatment of a partner or beneficial owner of the entity may depend upon the status of the owner, the activities of the entity and certain determinations made at the partner or beneficial owner level. Partners and beneficial owners in partnerships or other pass-through entities that own our common stock should consult their own tax advisors as to the particular U.S. federal income and estate tax consequences applicable to them.

This discussion is based on the Internal Revenue Code of 1986, as amended (the "Code"), and administrative pronouncements, judicial decisions and final, temporary and proposed U.S. Treasury regulations, changes to any of which subsequent to the date of this prospectus may affect the tax consequences described herein, which changes may have effect retroactively. This discussion does not address all aspects of U.S. federal income and estate taxation that may be relevant to non-U.S. holders in light of their particular circumstances and does not address any tax consequences arising under the laws of any state, local or foreign jurisdiction. Prospective non-U.S. holders should consult their tax advisors with respect to the particular tax consequences to them of acquiring, owning and disposing of our common stock, including the consequences under the laws of any state, local or foreign jurisdiction.

Distributions on Common Stock

We do not expect to pay any dividends on our common stock in the foreseeable future. If we do pay dividends on shares of our common stock, however, such distributions will constitute dividends for U.S. federal income tax purposes to the extent paid from our current or accumulated earnings and profits, as determined under U.S. federal income tax principles. Distributions in excess of our current and accumulated earnings and profits will constitute a return of capital that is applied against and reduces, but not below zero, a non-U.S. holder's adjusted tax basis in shares of our common stock. Any remaining excess will be treated as gain realized on the sale or other disposition of our common stock. See "—Dispositions of Common Stock."

Any dividend paid to a non-U.S. holder on our common stock will generally be subject to U.S. federal withholding tax at a 30% rate or a reduced rate specified by an applicable tax treaty. In order to obtain a reduced rate of withholding, a non-U.S. holder will be required to provide an Internal Revenue Service ("IRS") Form W-8BEN or W-8BEN-E (or other applicable form) certifying its entitlement to benefits under such a treaty.

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The withholding tax does not apply to dividends paid to a non-U.S. holder who provides a Form W-8ECI, certifying that the dividends are "effectively connected" with the non-U.S. holder's conduct of a trade or business within the United States. Instead, the dividends so treated as "effectively connected" will be generally subject to regular U.S. income tax as if the non-U.S. holder were a United States person, subject to such non-U.S. holder's being eligible and qualifying for the benefits of an applicable tax treaty (if any) providing otherwise. In addition, in certain circumstances, if you are a foreign corporation you may be subject to a 30% (or, if an income tax treaty applies and you qualify for the benefits of such treaty, such lower rate as provided, if any) branch profits tax.

Dispositions of Common Stock

Subject to the discussion below on backup withholding and FATCA, gain realized by a non-U.S. holder on a sale, exchange or other disposition of our common stock generally will not be subject to U.S. federal income or withholding tax, unless:

- the gain is effectively connected with a trade or business of the non-U.S. holder in the United States, subject to the non-U.S. holder's qualifying for and claiming the benefits of an applicable treaty providing otherwise, in which case the gain will be subject to U.S. federal income tax generally in the same manner as effectively connected dividend income as described above in "—Distributions on Common Stock"; or
- we are or have been a U.S. real property holding corporation at any time within the five-year period preceding the disposition or the non-U.S. holder's holding period of our common stock, whichever period is shorter, and either (i) our common stock has ceased to be "regularly traded" as defined by applicable U.S. Treasury regulations on an established securities market prior to the beginning of the calendar year in which the sale or disposition occurs or (ii) such non-U.S. holder owns, or has owned, at any time during the five-year period preceding the disposition or such non-U.S. holder's holding period, whichever is shorter, actually or constructively, more than 5% of any class of our common stock that is publicly traded.

We believe that we are not, and we do not anticipate becoming, a U.S. real property holding corporation.

Backup Withholding and Information Reporting

Any dividends that are paid to a non-U.S. holder must be reported annually to the IRS and to the non-U.S. holder. Copies of these information returns also may be made available to the tax authorities of the jurisdiction in which the non-U.S. holder resides. Unless the non-U.S. holder is an "exempt recipient," dividends paid on our common stock and the gross proceeds from a taxable disposition of our common stock may be subject to additional information reporting and may also be subject to U.S. federal backup withholding if such non-U.S. holder fails to comply with applicable U.S. information reporting and certification requirements.

Backup withholding is not an additional tax. Any amounts so withheld under the backup withholding rules may be refunded by the IRS or credited against the non-U.S. holder's U.S. federal income tax liability, provided that the required information is timely furnished to the IRS.

FATCA Withholding Taxes

Sections 1471-1474 of the Code and the U.S. Treasury Regulations, rules or other guidance issued thereunder (including after the date hereof) and the terms of implementing intergovernmental agreements, and legislation or rules and similar laws commonly referred to as "FATCA" generally impose a withholding of 30% on payments of U.S.-source dividends, and, for sales or dispositions on or after January 1, 2019, proceeds from our common stock to "foreign financial institutions" (which is broadly defined for this purpose and in general

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includes investment vehicles) and certain other non-U.S. entities unless various U.S. information reporting and due diligence requirements (generally relating to ownership by U.S. persons of interests in or accounts with those entities) under FATCA have been satisfied, or an exemption from FATCA applies (typically certified as to by the delivery of a properly completed IRS Form W-8). If FATCA withholding is imposed, a beneficial owner that is not a foreign financial institution generally will be entitled to a refund of any amounts withheld by filing a U.S. federal income tax return (which may entail significant administrative burden). Foreign financial institutions located in jurisdictions that have an intergovernmental agreement with the United States governing FATCA may be subject to different rules. Prospective investors should consult their tax advisers regarding the effects of FATCA on their investment in our common shares.

U.S. Federal Estate Tax

The estates of nonresident alien individuals generally are subject to U.S. federal estate tax on property with a U.S. situs. Because we are a U.S. corporation, our common stock will be U.S. situs property and therefore will be included in the taxable estate of a nonresident alien decedent, unless an applicable estate tax treaty between the United States and the decedent's country of residence provides otherwise.

THE DISCUSSION ABOVE IS A GENERAL SUMMARY, IT DOES NOT COVER ALL TAX MATTERS THAT MAY BE OF IMPORTANCE TO A PARTICULAR NON-U.S. HOLDER. EACH PROSPECTIVE NON-U.S. HOLDER IS URGED TO CONSULT ITS OWN TAX ADVISOR ABOUT THE TAX CONSEQUENCES TO IT OF AN INVESTMENT IN THE COMMON SHARES IN LIGHT OF THE NON-U.S. HOLDER'S OWN CIRCUMSTANCES.

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UNDERWRITING

Credit Suisse Securities (USA) LLC is acting as sole representative of each of the underwriters named below. Subject to the terms and conditions set forth in an underwriting agreement among the Company, the selling stockholders and the underwriters named below, the selling stockholders have agreed to sell to the underwriters, and each of the underwriters have agreed, severally and not jointly, to purchase from the selling stockholders, the number of shares of common stock set forth opposite its name below.

	Number
Underwriter	of Shares
Credit Suisse Securities (USA) LLC	3,000,000
Barclays Capital Inc.	2,100,000
Robert W. Baird & Co. Incorporated	2,100,000
Merrill Lynch, Pierce, Fenner & Smith	
Incorporated	1,320,000
Goldman Sachs & Co. LLC	1,320,000
J.P. Morgan Securities LLC	1,320,000
KeyBanc Capital Markets Inc.	420,000
William Blair & Company, L.L.C.	420,000
Total	12,000,000

Subject to the terms and conditions set forth in the underwriting agreement, the underwriters have agreed, severally and not jointly, to purchase all of the shares sold under the underwriting agreement if any of these shares are purchased. If an underwriter defaults, the underwriting agreement provides that the purchase commitments of the nondefaulting underwriters may be increased or the underwriting agreement may be terminated.

We and the selling stockholders have agreed to indemnify the underwriters against certain liabilities, including liabilities under the Securities Act, or to contribute to payments the underwriters may be required to make in respect of those liabilities.

The underwriters are offering the shares, subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel, including the validity of the shares, and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of officer's certificates and legal opinions. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

Commissions and Discounts

The representatives have advised us and the selling stockholders that the underwriters propose initially to offer the shares to the public at the public offering price set forth on the cover page of this prospectus and to dealers at that price less a concession not in excess of \$0.4128 per share. After the initial offering, the public offering price, concession or any other term of the offering may be changed. Sales of shares made outside of the United States may be made by affiliates of the underwriters.

The following table shows the public offering price, underwriting discount and proceeds before expenses to be paid to the underwriters by the selling stockholders. The information assumes either no exercise or full exercise by the underwriters of their option to purchase additional shares.

	Per Share	Without Option	With Option
Public offering price	\$17.20	\$206,400,000	\$237,360,000
Underwriting discount	\$.688	\$8,256,000	\$9,494,400
Proceeds, before expenses, to the selling stockholders	\$16.512	\$198,144,000	\$227,865,600

The expenses of the offering, not including the underwriting discount, are estimated at \$650,000 and are payable by us. We have also agreed to reimburse the underwriters for certain other expenses in an amount not to exceed \$25,000.

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Option to Purchase Additional Shares

The selling stockholders have granted an option to the underwriters, exercisable for 30 days after the date of this prospectus, to purchase up to 1,800,000 additional shares at the public offering price, less the underwriting discount. If the underwriters exercise this option, each will be obligated, subject to conditions contained in the underwriting agreement, to purchase a number of additional shares proportionate to that underwriter's initial amount reflected in the above table.

No Sales of Similar Securities

We and the selling stockholders, our executive officers and certain directors have agreed not to sell or transfer any common stock or securities convertible into, exchangeable for, exercisable for, or repayable with common stock, for 60 days after the date of this prospectus, without first obtaining the written consent of the representative of the underwriters. Specifically, we and these other persons have agreed, with certain limited exceptions, not to directly or indirectly

- offer, pledge, sell or contract to sell any common stock,
- sell any option or contract to purchase any common stock,
- purchase any option or contract to sell any common stock,
- grant any option, right or warrant for the sale of any common stock,
- lend or otherwise dispose of or transfer any common stock,
- request or demand that we file a registration statement related to the common stock, or
- enter into any swap or other agreement that transfers, in whole or in part, the economic consequence of
 ownership of any common stock whether any such swap or transaction is to be settled by delivery of shares
 or other securities, in cash or otherwise.

This lock-up provision applies to common stock and to securities convertible into or exchangeable or exercisable for or repayable with common stock. It also applies to common stock owned now or acquired later by the person executing the agreement or for which the person executing the agreement later acquires the power of disposition.

NYSE Listing

The shares are listed on the NYSE under the symbol "MCRN."

Price Stabilization, Short Positions and Penalty Bids

Until the distribution of the shares is completed, SEC rules may limit underwriters and selling group members from bidding for and purchasing our common stock. However, the representatives may engage in transactions that stabilize the price of the common stock, such as bids or purchases to peg, fix or maintain that price.

In connection with the offering, the underwriters may purchase and sell our common stock in the open market. These transactions may include short sales, purchases on the open market to cover positions created by short sales and stabilizing transactions. Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in the offering. "Covered" short sales are sales made in an amount not greater than the underwriters' option to purchase additional shares described above. The underwriters may close

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out any covered short position by either exercising their option to purchase additional shares or purchasing shares in the open market. In determining the source of shares to close out the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the option granted to them. "Naked" short sales are sales in excess of such option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of our common stock in the open market after pricing that could adversely affect investors who purchase in the offering. Stabilizing transactions consist of various bids for or purchases of shares of common stock made by the underwriters in the open market prior to the completion of the offering.

The underwriters may also impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the representatives have repurchased shares sold by or for the account of such underwriter in stabilizing or short covering transactions.

Similar to other purchase transactions, the underwriters' purchases to cover the syndicate short sales may have the effect of raising or maintaining the market price of our common stock or preventing or retarding a decline in the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. The underwriters may conduct these transactions on the NYSE, in the over-the-counter market or otherwise.

Neither we nor any of the underwriters make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of our common stock. In addition, neither we nor any of the underwriters make any representation that the representatives will engage in these transactions or that these transactions, once commenced, will not be discontinued without notice.

Electronic Distribution

In connection with the offering, certain of the underwriters or securities dealers may distribute prospectuses by electronic means, such as e-mail.

Other Relationships

The underwriters and their respective affiliates are full service financial institutions engaged in various activities, which may include sales and trading, commercial and investment banking, advisory, investment management, investment research, principal investment, hedging, market making, brokerage and other financial and non-financial activities and services. Certain of the underwriters and their respective affiliates may in the future provide a variety of these services to us and our affiliates and to persons and entities with relationships with us and our affiliates, for which they received or will receive customary fees and expenses. In addition, in the ordinary course of their various business activities, the underwriters and their respective affiliates, officers, directors and employees may purchase, sell or hold a broad array of investments and actively trade securities, derivatives, loans, commodities, currencies, credit default swaps and other financial instruments (including bank loans) for their own account and for the accounts of their customers, and such investment and trading activities may involve or relate to assets, securities and/or instruments of ours or our affiliates (directly, as collateral securing other obligations or otherwise) and/or persons and entities with relationships with us or our affiliates. The underwriters and their respective affiliates may also communicate independent investment recommendations, market color or trading ideas and/or publish or express independent research views in respect of such assets, securities or instruments and may at any time hold, or recommend to clients that they should acquire, long and/or short positions in such assets, securities and instruments.

Sales Outside of the United States

Other than in the United States, no action has been taken by us or the underwriters that would permit a public offering of the shares offered by this prospectus in any jurisdiction where action for that purpose is

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required. The shares offered by this prospectus may not be offered or sold, directly or indirectly, nor may this prospectus or any other offering material or advertisements in connection with the offer and sale of any such shares be distributed or published in any jurisdiction, except under circumstances that will result in compliance with the applicable rules and regulations of that jurisdiction. Persons into whose possession this prospectus comes are advised to inform themselves about and to observe any restrictions relating to the offering and the distribution of this prospectus. This prospectus does not constitute an offer to sell or a solicitation of an offer to buy any shares offered by this prospectus in any jurisdiction in which such an offer or a solicitation is unlawful.

Notice to Prospective Investors in the European Economic Area

In relation to each member state of the European Economic Area (each, a "Member State"), no offer of ordinary shares which are the subject of the offering has been, or will be made to the public in that Member State, other than under the following exemptions under the Prospectus Directive:

- (a) to any legal entity which is a qualified investor as defined in the Prospectus Directive;
- (b) to fewer than 150 natural or legal persons (other than qualified investors as defined in the Prospectus Directive), subject to obtaining the prior consent of the Representatives for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive,

provided that no such offer of ordinary shares referred to in (a) to (c) above shall result in a requirement for the Company or the representative to publish a prospectus pursuant to Article 3 of the Prospectus Directive, or supplement a prospectus pursuant to Article 16 of the Prospectus Directive.

Each person located in a Member State to whom any offer of ordinary shares is made or who receives any communication in respect of an offer of ordinary shares, or who initially acquires any ordinary shares will be deemed to have represented, warranted, acknowledged and agreed to and with the representative and the Company that (1) it is a "qualified investor" within the meaning of the law in that Member State implementing Article 2(1)(e) of the Prospectus Directive; and (2) in the case of any ordinary shares acquired by it as a financial intermediary as that term is used in Article 3(2) of the Prospectus Directive, the ordinary shares acquired by it in the offer have not been acquired on behalf of, nor have they been acquired with a view to their offer or resale to, persons in any Member State other than qualified investors, as that term is defined in the Prospectus Directive, or in circumstances in which the prior consent of the representative has been given to the offer or resale; or where ordinary shares have been acquired by it on behalf of persons in any Member State other than qualified investors, the offer of those ordinary shares to it is not treated under the Prospectus Directive as having been made to such persons.

The Company, the representative and their respective affiliates will rely upon the truth and accuracy of the foregoing representations, acknowledgments and agreements.

This prospectus has been prepared on the basis that any offer of shares in any Member State will be made pursuant to an exemption under the Prospectus Directive from the requirement to publish a prospectus for offers of shares. Accordingly any person making or intending to make an offer in that Member State of shares which are the subject of the offering contemplated in this prospectus may only do so in circumstances in which no obligation arises for the Company or the representative to publish a prospectus pursuant to Article 3 of the Prospectus Directive in relation to such offer. Neither the Company nor the representative has authorized, nor do they authorize, the making of any offer of shares in circumstances in which an obligation arises for the Company or the representative to publish a prospectus for such offer.

For the purposes of this provision, the expression an "offer of ordinary shares to the public" in relation to any ordinary shares in any Member State means the communication in any form and by any means of sufficient

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information on the terms of the offer and the ordinary shares to be offered so as to enable an investor to decide to purchase or subscribe the ordinary shares, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State, the expression "Prospectus Directive" means Directive 2003/71/EC (as amended) and includes any relevant implementing measure in each Member State.

The above selling restriction is in addition to any other selling restrictions set out below.

Notice to Prospective Investors in the United Kingdom

In addition, in the United Kingdom, this document is being distributed only to, and is directed only at, and any offer subsequently made may only be directed at persons who are "qualified investors" (as defined in the Prospectus Directive) (i) who have professional experience in matters relating to investments falling within Article 19 (5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "Order") and/or (ii) who are high net worth companies (or persons to whom it may otherwise be lawfully communicated) falling within Article 49(2) (a) to (d) of the Order (all such persons together being referred to as "relevant persons"). This document must not be acted on or relied on in the United Kingdom by persons who are not relevant persons. In the United Kingdom, any investment or investment activity to which this document relates is only available to, and will be engaged in with, relevant persons.

Notice to Prospective Investors in Switzerland

The shares may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange ("SIX") or on any other stock exchange or regulated trading facility in Switzerland. This document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering or marketing material relating to the shares or the offering may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering or marketing material relating to the offering, the Company, the shares have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of shares will not be supervised by, the Swiss Financial Market Supervisory Authority FINMA ("FINMA"), and the offer of shares has not been and will not be authorized under the Swiss Federal Act on Collective Investment Schemes ("CISA"). The investor protection afforded to acquirers of interests in collective investment schemes under the CISA does not extend to acquirers of shares.

Notice to Prospective Investors in the Dubai International Financial Centre

This prospectus relates to an Exempt Offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority ("DFSA"). This prospectus is intended for distribution only to persons of a type specified in the Offered Securities Rules of the DFSA. It must not be delivered to, or relied on by, any other person. The DFSA has no responsibility for reviewing or verifying any documents in connection with Exempt Offers. The DFSA has not approved this prospectus nor taken steps to verify the information set forth herein and has no responsibility for the prospectus. The shares to which this prospectus relates may be illiquid and/or subject to restrictions on their resale. Prospective purchasers of the shares offered should conduct their own due diligence on the shares. If you do not understand the contents of this prospectus you should consult an authorized financial advisor.

Notice to Prospective Investors in Australia

No placement document, prospectus, product disclosure statement or other disclosure document has been lodged with the Australian Securities and Investments Commission ("ASIC"), in relation to the offering.

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This prospectus does not constitute a prospectus, product disclosure statement or other disclosure document under the Corporations Act 2001 (the "Corporations Act"), and does not purport to include the information required for a prospectus, product disclosure statement or other disclosure document under the Corporations Act.

Any offer in Australia of the shares may only be made to persons (the "Exempt Investors") who are "sophisticated investors" (within the meaning of section 708(8) of the Corporations Act), "professional investors" (within the meaning of section 708(11) of the Corporations Act) or otherwise pursuant to one or more exemptions contained in section 708 of the Corporations Act so that it is lawful to offer the shares without disclosure to investors under Chapter 6D of the Corporations Act.

The shares applied for by Exempt Investors in Australia must not be offered for sale in Australia in the period of 12 months after the date of allotment under the offering, except in circumstances where disclosure to investors under Chapter 6D of the Corporations Act would not be required pursuant to an exemption under section 708 of the Corporations Act or otherwise or where the offer is pursuant to a disclosure document which complies with Chapter 6D of the Corporations Act. Any person acquiring shares must observe such Australian on-sale restrictions.

This prospectus contains general information only and does not take account of the investment objectives, financial situation or particular needs of any particular person. It does not contain any securities recommendations or financial product advice. Before making an investment decision, investors need to consider whether the information in this prospectus is appropriate to their needs, objectives and circumstances, and, if necessary, seek expert advice on those matters.

Notice to Prospective Investors in Hong Kong

The shares have not been offered or sold and will not be offered or sold in Hong Kong, by means of any document, other than (a) to "professional investors" as defined in the Securities and Futures Ordinance (Cap. 571) of Hong Kong and any rules made under that Ordinance; or (b) in other circumstances which do not result in the document being a "prospectus" as defined in the Companies Ordinance (Cap. 32) of Hong Kong or which do not constitute an offer to the public within the meaning of that Ordinance. No advertisement, invitation or document relating to the shares has been or may be issued or has been or may be in the possession of any person for the purposes of issue, whether in Hong Kong or elsewhere, which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to shares which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance.

Notice to Prospective Investors in Japan

The shares have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948, as amended) and, accordingly, will not be offered or sold, directly or indirectly, in Japan, or for the benefit of any Japanese Person or to others for re-offering or resale, directly or indirectly, in Japan or to any Japanese Person, except in compliance with all applicable laws, regulations and ministerial guidelines promulgated by relevant Japanese governmental or regulatory authorities in effect at the relevant time. For the purposes of this paragraph, "Japanese Person" shall mean any person resident in Japan, including any corporation or other entity organized under the laws of Japan.

Notice to Prospective Investors in Singapore

This prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of shares may not be circulated or distributed, nor may the shares be

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offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore (the "SFA"), (ii) to a relevant person pursuant to Section 275(1), or any person pursuant to Section 275 (1A), and in accordance with the conditions specified in Section 275, of the SFA, or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the shares are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

- (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or
- (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

securities (as defined in Section 239(1) of the SFA) of that corporation or the beneficiaries' rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the shares pursuant to an offer made under Section 275 of the SFA except:

- i. to an institutional investor or to a relevant person defined in Section 275(2) of the SFA, or to any person arising from an offer referred to in Section 275(1A) or Section 276(4)(i)(B) of the SFA;
- ii. where no consideration is or will be given for the transfer;
- iii. where the transfer is by operation of law;
- iv. as specified in Section 276(7) of the SFA; or
- v. as specified in Regulation 32 of the Securities and Futures (Offers of Investments) (Shares and Debentures) Regulations 2005 of Singapore.

Notice to Prospective Investors in Canada

The shares may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 Prospectus Exemptions or subsection 73.3(1) of the Securities Act (Ontario), and are permitted clients, as defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Any resale of the shares must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 of National Instrument 33-105 Underwriting Conflicts (NI 33-105), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

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LEGAL MATTERS

The validity of the common stock offered hereby will be passed upon for us by Ropes & Gray, LLP, Boston, Massachusetts. Certain legal matters will be passed upon on behalf of the underwriters by Latham & Watkins LLP, New York, New York.

EXPERTS

The consolidated financial statements of Milacron Holdings Corp. appearing in Milacron Holdings Corp.'s Annual Report (Form 10-K) for the year ended December 31, 2016 (including the schedule appearing therein) and the effectiveness of Milacron Holdings Corps.'s internal control over financial reporting as of December 31, 2016 have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon, included therein, and incorporated herein by reference. Such consolidated financial statements are incorporated by reference in reliance upon such report given the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement on Form S-1 with the SEC for the common stock being offered by this prospectus. This prospectus does not include all of the information contained in the registration statement. You should refer to the registration statement and its exhibits for additional information. Whenever we make reference in this prospectus to any of our contracts, agreements or other documents, the references are not necessarily complete and you should refer to the exhibits attached to the registration statement for copies of the actual contract, agreement or other document. We are also required to file annual, quarterly and current reports, proxy statements and other information with the SEC.

You can read our SEC filings, including the registration statement, over the Internet at the SEC's website at http://www.sec.gov. You may also read and copy any document we file with the SEC at its public reference facilities at 100 F Street, N.E., Room 1580, Washington, DC 20549. You may also obtain copies of the documents at prescribed rates by writing to the Public Reference Section at the SEC at 100 F Street, NE, Room 1580, Washington, DC 20549. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the public reference facilities.

You may obtain a copy of any of our filings, at no cost, by writing or telephoning us at:

Milacron Holdings Corp. 10200 Alliance Road, Suite 200 Cincinnati, OH 45242 Phone: (513) 487-5000 Attn: Investor Relations

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INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information we have filed with it into our registration statement of which this prospectus is a part, which means that we can disclose important information to you by referring you to other documents. The information incorporated by reference is considered to be part of this prospectus. We incorporate by reference into this prospectus the documents listed below, except for information "furnished" under Items 2.02, 7.01 or 9.01 on Form 8-K or other information "furnished" to the SEC which is not deemed filed and not incorporated in this prospectus.

We hereby incorporate by reference the following documents and information:

- our Annual Report on Form 10-K for the year ended December 31, 2016, filed on February 28, 2017;
- our Quarterly Report on Form 10-Q for the quarter ended March 31, 2017, filed on May 3, 2017;
- the information in our proxy statement filed on March 16, 2017, to the extent incorporated by reference in our Annual Report on Form 10-K for the year ended December 31, 2016;
- our Current Reports on Form 8-K filed on February 2, 2017, February 21, 2017, April 13, 2017, April 17, 2017, April 27, 2017 and May 3, 2017; and
- the description of our common stock contained in our Registration Statement on Form 8-A, filed with the SEC on June 19, 2015, and any amendment or report filed with the SEC for the purpose of updating such description.

We will provide to each person, including any beneficial owners, to whom a prospectus is delivered, upon written or oral request of any such person, a copy of the reports and documents that have been incorporated by reference into this prospectus, at no cost. Any such request should be directed to: Milacron Holdings Corp., 10200 Alliance Road, Suite 200, Cincinnati, Ohio 45242, Attention: Investor Relations. These documents are also available on the Investor Relations section of our website, which is located at http://www.investors.milacron.com, or as described under "Where You Can Find More Information" above. The reference to our website address does not constitute incorporation by reference of the information contained on our websites.

Any statement in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for the purposes of this registration statement to the extent that a statement contained herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this registration statement.

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12,000,000 Shares

Common Stock

PROSPECTUS

Credit Suisse
Barclays
Baird
BofA Merrill Lynch
Goldman Sachs & Co. LLC
J.P. Morgan
KeyBanc Capital Markets
William Blair

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May 3, 2017