UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (Date of earliest event reported): April 30, 2018

KADANT INC. (Exact Name of Registrant as Specified in its Charter)

> 001-11406 (Commission File Number)

Delaware (State or Other Jurisdiction of Incorporation)

One Technology Park Drive Westford, Massachusetts (Address of Principal Executive Offices) 52-1762325 (IRS Employer Identification No.)

> 01886 (Zip Code)

(978) 776-2000

Registrant's telephone number, including area code

Not Applicable

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

KADANT INC.

Item 2.02 Results of Operations and Financial Condition.

On April 30, 2018, Kadant Inc. (the "Company") announced its financial results for the fiscal quarter ended March 31, 2018. The full text of the press release issued in connection with the announcement is furnished as Exhibit 99 to this Current Report on Form 8-K.

The information in this Form 8-K (including Exhibit 99) shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 (the "Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibit

The following exhibit relating to Item 2.02 shall be deemed to be furnished and not filed.

Exhibit	
No.	Description of Exhibit

99 Press Release issued by the Company on April 30, 2018.

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KADANT INC.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

KADANT INC.

Date: April 30, 2018

By /s/ Michael J. McKenney

Michael J. McKenney Executive Vice President and Chief Financial Officer

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KADANT INC. One Technology Park Drive Westford, MA 01886

NEWS

Kadant Reports 2018 First Quarter Results Reports Record Bookings of \$182 Million Raises Full-Year Revenue and EPS Guidance

WESTFORD, Mass. - April 30, 2018 - Kadant Inc. (NYSE: KAI) reported its financial results for the first quarter ended March 31, 2018.

First Quarter 2018 Highlights

- Revenue increased 45% to \$149 million
- GAAP diluted EPS increased 20% to \$0.96
- Adjusted diluted EPS increased 30% to \$1.07
- Net income increased 21% to \$11 million
- Adjusted EBITDA increased 49% to \$24 million and represented 16% of revenue
- Gross margin was 44.3%
- Bookings increased 53% to a record \$182 million
- Record bookings and revenue for parts and consumables of \$103 and \$96 million, respectively
- Backlog increased 24% sequentially to a record \$180 million
- Cash flow from operations was \$7 million

Note: Adjusted diluted EPS, adjusted EBITDA, and adjusted EBITDA margin are non-GAAP financial measures that exclude certain items as detailed later in this press release under the heading "Use of Non-GAAP Financial Measures."

Management Commentary

"We had a great start to 2018 with record bookings and solid EPS performance in the first quarter," said Jonathan Painter, president and chief executive officer. "We saw excellent performance by our newly acquired businesses as well as strong internal growth, which was broad-based both geographically and across our product lines. Our backlog increased 24 percent sequentially to a record \$180 million and our bookings were a record \$182 million leading us to increase our revenue and EPS guidance for the year.

"Our record bookings performance of \$182 million was led by strong capital bookings in North America and Europe and record parts and consumables bookings of \$103 million. As a long-standing strategic focus of ours, I am pleased to see these positive results with our parts and consumables business."

First Quarter 2018 Results

Revenue increased 45 percent to \$149.2 million compared to the first quarter of 2017, including \$34.8 million from acquisitions and a \$6.7 million increase from the favorable effect of foreign currency translation. Excluding the impact of acquisitions and foreign currency translation, revenue increased five percent compared to the first quarter of 2017. Gross margin was 44.3 percent. Net income increased 21 percent to \$10.9 million, or \$0.96 per diluted share, compared to \$9.0 million, or \$0.80 per diluted share, in the first quarter of 2017. Adjusted diluted EPS increased 30 percent to \$1.07 compared to \$0.82 in the first quarter of 2017. Adjusted diluted EPS in the first quarter of 2018 excludes \$0.05 of restructuring costs, \$0.04 of discrete tax expense, and \$0.02 of amortization from acquired backlog. Adjusted diluted EPS in the first quarter of 2017 excludes \$0.02 of acquisition costs.

Adjusted EBITDA increased 49 percent to \$23.5 million compared to \$15.8 million in the first quarter of 2017. Adjusted EBITDA excludes \$0.8 million of restructuring costs and \$0.3 million of amortization from acquired backlog in the first quarter of 2018 and \$0.3 million of acquisition costs in the first quarter of 2017. Cash flows from operations increased to \$7.2 million compared to \$1.7 million in the first quarter of

2017. Bookings increased 53 percent to a record \$181.9 million compared to \$118.9 million in the first quarter of 2017 and includes \$40.2 million from acquisitions and a \$8.2 million increase from the favorable effect of foreign currency translation. Excluding the impact of acquisitions and foreign currency translation, bookings increased 12 percent compared to the first quarter of 2017.

Summary and Outlook

"We are encouraged by our bookings trend and the excellent start to 2018," Mr. Painter continued. "Based on our record bookings performance in the first quarter, as well as our outlook for the remainder of the year, we are increasing our guidance for 2018. We expect to report full year revenue of \$625 to \$635 million, increased from our previous guidance of \$605 to \$615 million. We expect to achieve GAAP diluted EPS of \$4.98 to \$5.08 in 2018, increased from our previous guidance of \$4.74 to \$4.84. The 2018 guidance incorporates an increase in our forecasted interest and tax expense. The 2018 guidance includes pre-tax restructuring costs of \$1.7 million, or \$0.11 per diluted share, discrete tax expense of \$0.4 million, or \$0.04 per diluted share, and pre-tax amortization expense associated with acquired backlog of \$0.2 million, or \$0.02 per diluted share. Excluding these expenses, we expect adjusted diluted EPS of \$5.15 to \$5.25 for 2018. For the second quarter of 2018, we expect GAAP diluted EPS of \$0.89 to \$0.94 on revenue of \$150 to \$154 million. The second quarter of 2018 guidance includes pre-tax restructuring costs of \$0.8 million, or \$0.06 per diluted share. Excluding this expense, we expect adjusted diluted EPS of \$0.95 to \$1.00 for the second quarter of 2018."

Conference Call

Kadant will hold a webcast with a slide presentation for investors on Tuesday, May 1, 2018, at 11:00 a.m. eastern time to discuss its first quarter performance, as well as future expectations. To access the webcast, including the slideshow and accompanying audio, go to www.kadant.com and click on "Investors". To listen to the webcast via teleconference, call 888-326-8410 within the U.S., or +1-704-385-4884 outside the U.S. and reference participant passcode 2990429. Prior to the call, our earnings release and the slides used in the webcast presentation will be filed with the Securities and Exchange Commission and will be available at www.sec.gov. An archive of the webcast presentation will be available on our website until June 1, 2018.

Shortly after the webcast, Kadant will post its updated general investor presentation incorporating the first quarter results on its website at www.kadant.com under the "Investors" section.

Use of Non-GAAP Financial Measures

In addition to the financial measures prepared in accordance with generally accepted accounting principles (GAAP), we use certain non-GAAP financial measures, including increases or decreases in revenue excluding the effect of acquisitions and foreign currency translation, adjusted operating income, adjusted net income, adjusted diluted earnings per share (EPS), earnings before interest, taxes, depreciation, and amortization (EBITDA), adjusted EBITDA and adjusted EBITDA margin.

We believe these non-GAAP financial measures, when taken together with the corresponding GAAP financial measures, provide meaningful supplemental information regarding our performance by excluding certain items that may not be indicative of our core business, operating results, or future outlook. We believe that the inclusion of such measures helps investors gain an understanding of our underlying operating performance and future prospects, consistent with how management measures and forecasts our performance, especially when comparing such results to previous periods or forecasts and to the performance of our competitors. Such measures are also used by us in our financial and operating decision-making and for compensation purposes. We also believe this information is responsive to investors' requests and gives them an additional measure of our performance.

The non-GAAP financial measures included in this press release are not meant to be considered superior to or a substitute for the results of operations prepared in accordance with GAAP. In addition, the non-GAAP financial measures included in this press release have limitations associated with their use as compared to the most directly comparable GAAP measures, in that they may be different from, and therefore not comparable to, similar measures used by other companies.

Revenue included \$34.8 million from acquisitions and a \$6.7 million favorable foreign currency translation effect in the first quarter of 2018. We present increases or decreases in revenue excluding the effect of acquisitions and foreign currency translation to provide investors insight into underlying revenue trends.

Our non-GAAP financial measures exclude restructuring costs, acquisition costs, amortization expense related to acquired backlog and discrete tax expense. These items are excluded as they are not indicative of our core operating results and are not comparable to other periods, which have differing levels of incremental costs or income or none at all.

Adjusted operating income, adjusted EBITDA, and adjusted EBITDA margin exclude:

- Pre-tax restructuring costs of \$0.8 million in the first quarter of 2018.
- Pre-tax expense related to acquired backlog of \$0.3 million in the first quarter of 2018.
- Pre-tax acquisition costs of \$0.3 million in the first quarter of 2017.

Adjusted net income and adjusted diluted EPS exclude:

- After-tax restructuring costs of \$0.6 million (\$0.8 million net of tax of \$0.2 million) in the first quarter of 2018.
- After-tax expense related to acquired backlog of \$0.2 million (\$0.3 million net of tax of \$0.1 million) in the first quarter of 2018.
- Discrete tax expense of \$0.4 million in the first quarter of 2018.
- After-tax acquisition costs of \$0.2 million (\$0.3 million net of tax of \$0.1 million) in the first quarter of 2017.

Reconciliations of the non-GAAP financial measures to the most directly comparable GAAP financial measures are set forth in this press release.

Financial Highlights (unaudited)

(In thousands, except per share amounts and percentages)

			Three Months Ended			
Consolidated Statement of Income (a)		Mar	March 31, 2018		oril 1, 2017	
-		*		•		
Revenues		\$	149,193	\$	102,857	
Costs and Operating Expenses:						
Cost of revenues			83,114		53,840	
Selling, general, and administrative expenses			45,776		34,620	
Research and development expenses			2,869		2,147	
Restructuring costs			770		_	
			132,529		90,607	
Operating Income			16,664		12,250	
Interest Income			183		104	
Interest Expense			(1,732)		(348)	
Other Expense, Net			(246)		(204)	
Income Before Provision for Income Taxes			14,869		11,802	
Provision for Income Taxes			3,861		2,735	
Net Income			11,008		9,067	
Net Income Attributable to Noncontrolling Interest			(150)		(116)	
Net Income Attributable to Kadant		\$	10,858	\$	8,951	
Earnings per Share Attributable to Kadant:						
Basic		\$	0.98	\$	0.82	
Diluted		\$	0.96	\$	0.80	
Weighted Average Shares:						
Basic			11,042		10,952	
Diluted			11,342		11,205	
	Three Months Ended		Three Mo	nths Ende	ed	

Adjusted Net Income and Adjusted Diluted EPS (b)		March 31, 2018		March 31, 2018		April 1, 2017		April 1, 2017	
Net Income and Diluted EPS Attributable to Kadant, as Reported	\$	10,858	\$	0.96	\$	8,951	\$	0.80	
Adjustments for the Following:									
Restructuring Costs, Net of Tax		589		0.05		—		—	
Acquisition Costs, Net of Tax		_		—		206		0.02	
Amortization of Acquired Backlog, Net of Tax		189		0.02		_		_	
Discrete Tax Items (c)		444		0.04		_		_	
Adjusted Net Income and Adjusted Diluted EPS (b)	\$	12,080	\$	1.07	\$	9,157	\$	0.82	

		Three M	onthe Ende	d			(I E	Increase Decrease) xcluding equisitions
Revenues by Product Line	Ma	Three Months Ended March 31, 2018 April 1, 2017			1	Increase		d FX (b,d)
Stock-Preparation	\$			41,153	\$	4,330	\$	874
Doctoring, Cleaning, & Filtration	•	27,222	\$	25,350	-	1,872	-	671
Fluid-Handling		32,886		22,047		10,839		3,340
Papermaking Systems		105,591		88,550		17,041		4,885
Wood Processing Systems		39,141		9,943		29,198		(139)
Fiber-Based Products		4,461		4,364		97		97
	\$	149,193	\$	102,857	\$	46,336	\$	4,843
		Three Me	onths Ende	d			(I E	Increase Decrease) xcluding equisitions
Revenues by Geography (e)	Ma	rch 31, 2018		ril 1, 2017	Increase		and FX (b,d)	
North America	\$	77,616	\$	50,166	\$	27,450	\$	2,117
Europe		41,493		32,751		8,742		(2,180)
Asia		20,148		11,898		8,250		6,392
Rest of World		9,936		8,042		1,894		(1,486)
	\$	149,193	\$	102,857	\$	46,336	\$	4,843
		Three Mo	onths End	ed			(I E	increase Decrease) xcluding equisitions
Bookings by Product Line		rch 31, 2018		ril 1, 2017		se (Decrease)		nd FX (d)
Stock-Preparation	\$	56,515	\$	48,322	\$	8,193	\$	4,038
Doctoring, Cleaning, & Filtration		28,331		26,553		1,778		483
Fluid-Handling		39,770		26,119		13,651		4,648
Papermaking Systems		124,616		100,994		23,622		9,169
Wood Processing Systems		52,729		13,081		39,648		5,698
Fiber-Based Products		4,575		4,775	-	(200)		(200)
	\$	181,920	\$	118,850	\$	63,070	\$	14,667

		Three Months Ended			
Business Segment Information (a)	_	March 31, 2018	Aj	pril 1, 2017	
Gross Margin:					
Papermaking Systems		45.6%		47.9%	
Wood Processing Systems		39.5%		42.2%	
Fiber-Based Products		56.0%		55.0%	
		44.3%		47.7%	
	_				
Operating Income:					
Papermaking Systems	\$	14,584	\$	14,299	
Wood Processing Systems		7,363		2,504	
Corporate and Other		(5,283)		(4,553)	
	\$	16,664	\$	12,250	
Adjusted Operating Income (b, f):					
Papermaking Systems	\$	15,354	\$	14,299	
Wood Processing Systems		7,615		2,823	
Corporate and Other		(5,283)		(4,553)	
	\$	17,686	\$	12,569	
Capital Expenditures:					
Papermaking Systems	\$	4,649	\$	1,484	
Corporate and Other		502		238	
	\$	5,151	\$	1,722	

		Three M	onths Ende	ed
Cash Flow and Other Data	Ma	March 31, 2018		pril 1, 2017
Cash Provided by Operations	\$	7,216	\$	1,683
Depreciation and Amortization Expense		6,099		3,256
Balance Sheet Data	Ma	rch 31, 2018	De	ec. 30, 2017
Assets				
Cash, Cash Equivalents, and Restricted Cash	\$	73,742	\$	76,846
Accounts Receivable, net		91,529		89,624
Inventories		95,840		84,933
Unbilled Contract Costs and Fees		2,375		2,374
Property, Plant and Equipment, net		80,672		79,723
Intangible Assets		129,635		133,036
Goodwill		269,514		268,001
Other Assets		28,970		26,557
	\$	772,277	\$	761,094
Liabilities and Stockholders' Equity				
Accounts Payable	\$	37,026	\$	35,461
Long-term Debt		235,851		237,011
Capital Lease Obligations		5,085		5,069
Other Liabilities		149,088		151,049
Total Liabilities		427,050		428,590
Stockholders' Equity		345,227		332,504
	\$	772,277	\$	761,094

Adjusted Operating Income and Adjusted EBITDA	Т	Three Months Ended						
Reconciliation (a) (b)	March 31, 20)18	April 1, 2017					
Consolidated	isolidated							
Net Income Attributable to Kadant	\$ 10,	858 \$	8,951					
Net Income Attributable to Noncontrolling Interest		150	116					
Provision for Income Taxes	3,	861	2,735					
Interest Expense, Net	1,	549	244					
Other Expense, Net		246	204					
Operating Income	16,	664	12,250					
Restructuring Costs		770	—					
Acquisition Costs		—	319					
Acquired Backlog Amortization (g)		252	—					
Adjusted Operating Income (b)	17,	686	12,569					
Depreciation and Amortization	5,	847	3,256					
Adjusted EBITDA (b)	\$ 23,	533 \$	15,825					
Adjusted EBITDA Margin (b, h)	1	15.8%	15.4%					
Papermaking Systems								
	\$ 14,	584 \$	14,299					
Operating Income Restructuring costs		770 770	14,299					
Adjusted Operating Income (b)		354	14,299					
Depreciation and Amortization	•	136	2,593					
Adjusted EBITDA (b)		490 \$	16,892					
Wood Processing Systems								
Operating Income	\$ 7,	363 \$	2,504					
Acquisition Costs		_	319					
Acquired Backlog Amortization (g)		252	_					
Adjusted Operating Income (b)	7,	615	2,823					
Depreciation and Amortization	2,	544	514					
Adjusted EBITDA (b)		159 \$	3,337					
Corporate and Other								
Operating Loss	\$ (5,	283) \$	(4,553)					
Depreciation and Amortization	(· ·	167	149					
EBITDA		116) \$	(4,404)					

(a) Prior period amounts have been restated to conform to the current period presentation as a result of the adoption of the Financial Accounting Standards Board's Accounting Standards Update No. 2017-07.

(b) Represents a non-GAAP financial measure.

- (c) Discrete tax items in 2018 primarily relate to the impact of new guidance associated with the U.S. tax legislation enacted in December 2017.
- (d) Represents the increase (decrease) resulting from the exclusion of acquisitions and from the conversion of current period amounts reported in local currencies into U.S. dollars at the exchange rate of the prior period compared to the U.S. dollar amount reported in the prior period.
- (e) Geographic revenues are attributed to regions based on customer location.
- (f) See reconciliation to the most directly comparable GAAP financial measure under "Adjusted Operating Income and Adjusted EBITDA Reconciliation."
- (g) Represents intangible amortization expense associated with acquired backlog.
- (h) Calculated as adjusted EBITDA divided by revenue in each period.

About Kadant

Kadant Inc. is a global supplier of high-value, critical components and engineered systems used in process industries worldwide. The Company's products, technologies, and services play an integral role in enhancing process efficiency, optimizing energy utilization, and maximizing productivity in resource-intensive industries. Kadant is based in Westford, Massachusetts, with 2,500 employees in 20 countries worldwide. For more information, visit www.kadant.com.

Safe Harbor Statement

The following constitutes a "Safe Harbor" statement under the Private Securities Litigation Reform Act of 1995: This press release contains forward-looking statements that involve a number of risks and uncertainties, including forward-looking statements about our future financial and operating performance, demand for our products, and economic and industry outlook. These forward-looking statements represent Kadant's expectations as of the date of this press release. We undertake no obligation to publicly update any forward-looking statement, whether as a result of new information, future events, or otherwise. These forward-looking statements are subject to known and unknown risks and uncertainties that may cause our actual results to differ materially from these forward-looking statements as a result of various important factors, including those set forth under the heading "Risk Factors" in Kadant's annual report on Form 10-K for the year ended December 30, 2017 and subsequent filings with the Securities and Exchange Commission. These include risks and uncertainties relating to adverse changes in global and local economic conditions; the variability and difficulty in accurately predicting revenues from large capital equipment and systems projects; our customers' ability to obtain financing for capital equipment projects; the variability and uncertainties in sales of capital equipment in China: international sales and operations; the oriented strand board market and levels of residential construction activity; development and use of digital media; currency fluctuations; price increases or shortages of raw materials; dependence on certain suppliers; our acquisition strategy; failure of our information systems or breaches of data security; changes in government regulations and policies and compliance with laws; our internal growth strategy; competition; soundness of suppliers and customers; changes in our tax provision or exposure to additional tax liabilities; our ability to successfully manage our manufacturing operations; disruption in production; future restructurings; economic conditions and regulatory changes caused by the United Kingdom's likely exit from the European Union; our debt obligations; restrictions in our credit agreement; loss of key personnel; protection of patents and proprietary rights; fluctuations in our share price; soundness of financial institutions; environmental laws and regulations; anti-takeover provisions; and reliance on third-party research.

Contacts

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