UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 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): August 1, 2017

COHERENT, INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

001-33962

(Commission File No.)

94-1622541

(IRS Employer Identification Number)

5100 Patrick Henry Drive Santa Clara, CA 95054

(Address of principal executive offices, including zip code)

(408) 764-4000

(Registrant's telephone number, including area code)

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:
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
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 (17 CFR §230.405) or Rule 12b-2 of the Securities Exchange Act of 1934 (17 CFR §240.12b-2).
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.

ITEM 2.02. Results of Operations and Financial Condition

On August 1, 2017, Coherent, Inc. ("Coherent") issued a press release regarding its financial results for the fiscal quarter ended July 1, 2017. A copy of the press release is furnished as Exhibit 99.1 to this report.

NON-GAAP FINANCIAL MEASURES: Coherent utilizes a number of different financial measures, both GAAP and non-GAAP, in analyzing and assessing the overall business performance, for making operating decisions and for forecasting and planning future periods. Coherent considers the use of non-GAAP financial measures helpful in assessing its current financial performance, ongoing operations and prospects for the future. Ongoing operations are the ongoing revenue and expenses of the business, excluding certain costs and expenses that Coherent does not anticipate to recur on a quarterly basis or which do not reflect ongoing operations. While Coherent uses non-GAAP financial measures as a tool to enhance its understanding of certain aspects of its financial performance, Coherent does not consider these measures to be a substitute for, or superior to, the information provided by GAAP financial measures. Consistent with this approach, Coherent believes that disclosing non-GAAP financial measures to the readers of its financial statements provides such readers with useful supplemental data that, while not a substitute for GAAP financial measures, allows for greater transparency in the review of its financial and operational performance. In assessing the overall health of its business, Coherent excluded items in the following general categories described below:

Net income and net income per diluted share. Coherent has excluded certain recurring and non-recurring items in order to enhance investors' understanding of its ongoing operations and to compare these results across multiple fiscal periods, particularly where a one-time event may have an impact in one fiscal quarter and not another.

Each of the non-GAAP financial measures described above, and used herein, should not be considered in isolation from, or as a substitute for, a measure of financial performance prepared in accordance with GAAP. Further, investors are cautioned that there are inherent limitations associated with the use of each of these non-GAAP financial measures as an analytical tool. In particular, these non-GAAP financial measures are not based on a comprehensive set of accounting rules or principles, and many of the adjustments to the GAAP financial measures reflect the exclusion of items that are recurring and will be reflected in Coherent's financial results for the foreseeable future. In addition, other companies, including other companies in Coherent's industry, may calculate non-GAAP financial measures differently than Coherent does, limiting their usefulness as a comparative tool.

ITEM 9.01. Financial Statements and Exhibits

(d) Exhibits

Exhibit No. Description

99.1 Press release dated August 1, 2017

SIGNATURES

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.

Date: August 1, 2017

COHERENT, INC.

By: /s/ Kevin Palatnik

Kevin Palatnik
Executive Vice President and
Chief Financial Officer

EXHIBIT INDEX

Exhibit No.	Description	
99.1	Press release dated August 1, 2017	



Contact: Kevin Palatnik
EVP & Chief Financial Officer
+1 (408) 764-4110
Kevin.Palatnik@coherent.com

August 1, 2017
Press Release No. 1417
For Immediate Release:

Coherent, Inc. Reports Third Fiscal Quarter Results

SANTA CLARA, CA, August 1, 2017 -- Coherent, Inc. (NASDAQ, COHR), one of the world's leading providers of lasers, laser-based technologies and laser-based system solutions in a broad range of scientific, commercial and industrial applications, today announced financial results for its third fiscal quarter ended July 1, 2017.

FINANCIAL HIGHLIGHTS

		Tł	ree N	Ionths End	Nine Months Ended					
	July	July 1, 2017		April 1, 2017		July 2, 2016		ly 1, 2017	Jul	y 2, 2016
GAAP Results										
(in millions except per share data)										
Net sales	\$	464.1	\$	422.8	\$	218.8	\$	1,233.0	\$	608.9
Net income	\$	61.1	\$	41.8	\$	18.7	\$	133.4	\$	56.7
Diluted EPS	\$	2.46	\$	1.69	\$	0.76	\$	5.39	\$	2.33
Non-GAAP Results										
(in millions except per share	data)									
Net income	\$	83.4	\$	72.1	\$	26.2	\$	218.8	\$	75.4
Diluted EPS	\$	3.36	\$	2.91	\$	1.07	\$	8.85	\$	3.10

2017 THIRD FISCAL QUARTER DETAILS

For the third fiscal quarter ended July 1, 2017, Coherent announced net sales of \$464.1 million and net income, on a U.S. generally accepted accounting principles (GAAP) basis, of \$61.1 million, or \$2.46 per diluted share. These results compare to net sales of \$218.8 million and net income of \$18.7 million, or \$0.76 per diluted share, for the third quarter of fiscal 2016.

Non-GAAP net income for the third quarter of fiscal 2017 was \$83.4 million, or \$3.36 per diluted share. Non-GAAP net income for the third quarter of fiscal 2016 was \$26.2 million, or \$1.07 per diluted share. Reconciliations of GAAP to non-GAAP financial measures for the three months ended July 1, 2017, April 1, 2017 and July 2, 2016, and the nine months ended July 1, 2017 and July 2, 2016 appear in the financial statements portion of this release under the heading "Reconciliation of GAAP to Non-GAAP net income."

Net sales for the second quarter of fiscal 2017 were \$422.8 million and net income, on a GAAP basis, was \$41.8 million, or \$1.69 per diluted share. Non-GAAP net income for the second quarter of fiscal 2017 was \$72.1 million, or \$2.91 per diluted share.

As previously announced, on November 7, 2016, Coherent completed its acquisition of Rofin-Sinar Technologies, Inc. ("Rofin"), one of the world's leading developers and manufacturers of high-performance industrial laser sources and laser-based solutions and components. As a result, Rofin's operating results were consolidated for the period from November 7, 2016 through December 31, 2016 in Coherent's first fiscal quarter results ended December 31, 2016, and a full quarter of Rofin's operating results in Coherent's second and third fiscal quarter results ended April 1, 2017 and July 1, 2017.

"We had another record-setting result in our most recent quarter and demand remains buoyant. We booked a significant number of large format (i.e., Gen 5 or Gen 6) ELA tools for OLED manufacturing. Utilization within OLED fabs is very high and with more installations moving into the service pool, ELA service orders and revenues continue to climb. The outlook for FPD is bright with multiple new fabs having been announced or in the late stages of planning. These new fabs will drive business predominantly in FY19 and beyond. We will be prepared to satisfy the delivery schedule since we have started our previously announced facility expansions. The overall materials processing business continues to perform well. Most notably, we had very good traction during Q3 for high-power (i.e., 1-8 kilowatts) fiber lasers in battery welding for electric vehicles and metal cutting. The pipeline is strong and outstrips our current capacity, which necessitates expansions in our diode packaging and fiber laser integration and testing operations. The additional capacity will be staged over the next year," said John Ambroseo, Coherent's President and Chief Executive Officer. "We had another quarter of strong cash flow and we made a voluntary €45 million principal prepayment on our debt. Using excess cash flow to pay down the debt will remain a priority," Ambroseo added.

CONFERENCE CALL REMINDER

The Company will host a conference call today to discuss its financial results at 1:30 P.M. Pacific (4:30 P.M. Eastern). A listen-only broadcast of the conference call and a transcript of management's prepared remarks can be accessed on the Company's website at http://www.coherent.com/Investors/. For those who are not able to listen to the live broadcast, the call will be archived for approximately three months on the Company's website.

Summarized statement of operations information is as follows (unaudited, in thousands except per share data):

		Т	hree l	Months Ende	Nine Months Ended					
	July 1, 2017		Ap	ril 1, 2017	Jul	ly 2, 2016	July 1, 2017		Jul	y 2, 2016
Net sales	\$	464,107	\$	422,833	\$	218,767	\$	1,233,013	\$	608,924
Cost of sales (A)(B)(D)(E)(F)		256,921		243,318		124,208		704,798		341,868
Gross profit		207,186		179,515		94,559		528,215		267,056
Operating expenses:										
Research & development(A)(B)(F)		30,483		30,536		21,441		88,103		61,536
Selling, general & administrative ^{(A)(B)(E)(F)(G)}		72,383		72,451		46,256		218,602		123,970
Gain from business combination(C)		_		_		_		(5,416)		_
Amortization of intangible assets ^(D)		3,743		5,439		574		13,060		1,975
Total operating expenses		106,609		108,426		68,271		314,349		187,481
Income from operations		100,577		71,089		26,288		213,866		79,575
Other income (expense), net(B) (H)		(7,942)		(10,255)		852		(13,025)		(1,150)
Income from continuing operations, before income taxes		92,635		60,834		27,140		200,841		78,425
Provision for income taxes (1)		29,764		18,646		8,490		65,084		21,708
Net income from continuing operations		62,871		42,188		18,650		135,757		56,717
Loss from discontinued operations, net of income taxes		(1,754)		(343)				(2,387)		
Net income	\$	61,117	\$	41,845	\$	18,650	\$	133,370	\$	56,717
Net income per share:										
Basic from continuing operations		2.56		1.72		0.77		5.55		2.35
Basic from discontinued operations		(0.07)		(0.01)		_		(0.10)		_
Basic earnings per share	\$	2.49	\$	1.71	\$	0.77	\$	5.45	\$	2.35
Diluted from continuing operations		2.53		1.70		0.76		5.49		2.33
Diluted from discontinued operations		(0.07)		(0.01)		_		(0.10)		_
Diluted earnings per share	\$	2.46	\$	1.69	\$	0.76	\$	5.39	\$	2.33
Shares used in computations:										
Basic		24,537		24,496		24,192		24,460		24,108
Diluted		24,823		24,757		24,467		24,741		24,355

(A) Stock-based compensation expense included in operating results is summarized below (all footnote amounts are unaudited, in thousands, except per share data):

Stock-based compensation expense		T	hree M	Ionths Ende	Nine Months Ended					
	July 1, 2017		April 1, 2017		July 2, 2016		July 1, 2017		July 2, 2016	
Cost of sales	\$	880	\$	778	\$	677	\$	2,618	\$	1,876
Research & development		639		597		610		2,289		1,646
Selling, general & administrative		5,373		5,308		4,402		18,323		11,299
Impact on income from operations	\$	6,892	\$	6,683	\$	5,689	\$	23,230	\$	14,821

For the quarters ended July 1, 2017, April 1, 2017 and July 2, 2016, the impact on net income, net of tax was \$5,041 (\$0.20 per diluted share), \$4,868 (\$0.20 per diluted share) and \$4,101 (\$0.17 per diluted share), respectively. For the nine months ended July 1, 2017 and July 2, 2016, the impact on net income, net of tax was \$18,075 (\$0.73 per diluted share) and \$11,371 (\$0.47 per diluted share), respectively.

(B) Changes in deferred compensation plan liabilities are included in cost of sales and operating expenses while gains and losses on deferred compensation plan assets are included in other income (expense), net. Deferred compensation expense (benefit) included in operating results is summarized below:

	T	hree M	onths Ended		Nine Months Ended				
July 1, 2017		April 1, 2017		July 2, 2016		July 1, 2017		July 2, 2016	
\$	53	\$	69	\$	69	\$	123	\$	35
	163		308		330		496		166
	1,014		1,430		1,619		2,382		836
\$	1,230	\$	1,807	\$	2,018	\$	3,001	\$	1,037
	July \$	July 1, 2017 \$ 53 163 1,014	July 1, 2017 Apr \$ 53 \$ 163 1,014	July 1, 2017 April 1, 2017 \$ 53 \$ 69 163 308 1,014 1,430	July 1, 2017 April 1, 2017 \$ 53 \$ 69 163 308 1,014 1,430	July 1, 2017 April 1, 2017 July 2, 2016 \$ 53 \$ 69 \$ 69 163 308 330 1,014 1,430 1,619	July 1, 2017 April 1, 2017 July 2, 2016 July 2, 2016 \$ 53 \$ 69 \$ 69 \$ 69 163 308 330 1,014 1,430 1,619	July 1, 2017 April 1, 2017 July 2, 2016 July 1, 2017 \$ 53 \$ 69 \$ 69 \$ 123 163 308 330 496 1,014 1,430 1,619 2,382	July 1, 2017 April 1, 2017 July 2, 2016 July 1, 2017 July 1, 2017

For the quarters ended July 1, 2017, April 1, 2017 and July 2, 2016, the impact on other income (expense), net from gains or losses on deferred compensation plan assets was income of \$1,204, income of \$1,812 and income of \$1,867, respectively. For the nine months ended July 1, 2017 and July 2, 2016, the impact on other income (expense) net from gains or losses on deferred compensation plan assets was income of \$3,027 and income of \$981, respectively.

- (C) For the nine months ended July 1, 2017, the gain from business combination was \$5,416 (\$3,426 net of tax (\$0.14 per diluted share)).
- (D) For the quarters ended July 1, 2017, April 1, 2017 and July 2, 2016, the impact of amortization of intangibles expense was \$15,452 (\$10,870 net of tax (\$0.44 per diluted share)), \$16,763 (\$12,573 net of tax (\$0.51 per diluted share)), and \$2,032 (\$1,400 net of tax (\$0.06 per diluted share)), respectively. For the nine months ended July 1, 2017 and July 2, 2016, the impact of amortization of intangible expense was \$44,303 (\$31,169 net of tax (\$1.26 per diluted share)) and \$6,201 (\$4,270 net of tax (\$0.18 per diluted share)), respectively.
- (E) For the quarters ended July 1, 2017 and April 1, 2017, the impact of inventory step-up costs related to acquisitions was \$4,445 (\$3,172 net of tax (\$0.13 per diluted share)) and \$13,019 (\$9,401 net of tax (\$0.38 per diluted share)), respectively.

For the nine months ended July 1, 2017, the impact of inventory and favorable lease step-up costs related to acquisitions was \$26,768 (\$19,042 net of tax (\$0.77 per diluted share)).

- (F) For the quarters ended July 1, 2017 and April 1, 2017, the impact of restructuring charges was \$1,500 (\$1,131 net of tax (\$0.05 per diluted share)) and \$557 (\$378 net of tax (\$0.02 per diluted share)), respectively. For the nine months ended July 1, 2017, the impact of restructuring charges was \$9,119 (\$6,109 net of tax (\$0.25 per diluted share)).
- (G) The quarters ended July 1, 2017, April 1, 2017 and July 2, 2016 included \$426 (\$269 net of tax (\$0.01 per diluted share)), \$2,933 (\$2,664 net of tax (\$0.11 per diluted share)) and \$3,050 (\$2,012 net of tax (\$0.08 per diluted share)), respectively, of costs related to the acquisition of Rofin. The nine months ended July 1, 2017 and July 2, 2016 included \$17,587 (\$17,425 net of tax (\$0.70 per diluted share)) and \$6,634 (\$4,276 net of tax (\$0.18 per diluted share)), respectively, of costs related to the acquisition of Rofin.
- **(H)** For the nine months ended July 1, 2017, the gain on our hedge of the debt commitment and issuance of the debt was \$11,298 (\$7,147 net of tax (\$0.29 per diluted share)) and interest expense on the debt commitment was \$2,665 (\$1,844 net of tax (\$0.07 per diluted share)).
- (I) The nine months ended July 2, 2016 included \$1,221 (\$0.05 per diluted share) non-recurring tax benefit from the renewal of the R&D tax credit for fiscal 2015.

Summarized balance sheet information is as follows (unaudited, in thousands):

	July 1, 2017	Oc	tober 1, 2016
<u>ASSETS</u>			
Current assets:			
Cash, cash equivalents, restricted cash and short-term investments	\$ 473,487	\$	399,953
Accounts receivable, net	277,853		165,715
Inventories	402,849		212,898
Prepaid expenses and other assets	74,827		37,073
Assets held-for-sale	32,556		_
Total current assets	1,261,572		815,639
Property and equipment, net	268,622		127,443
Other assets	 748,235		218,066
Total assets	\$ 2,278,429	\$	1,161,148
LIABILITIES AND STOCKHOLDERS' EQUITY			
Current liabilities:			
Short-term borrowings	\$ 5,485	\$	20,000
Accounts payable	72,755		45,182
Other current liabilities	301,069		136,312
Total current liabilities	379,309		201,494
Other long-term liabilities	831,078		48,826
Total stockholders' equity	1,068,042		910,828
Total liabilities and stockholders' equity	\$ 2,278,429	\$	1,161,148

Reconciliation of GAAP to Non-GAAP net income (unaudited, in thousands (other than per share data), net of tax):

		Th	ree N	Months End	Nine Months Ended					
	July 1, 2017		April 1, 2017		July 2, 2016		July 1, 2017		Jul	y 2, 2016
GAAP net income from continuing operations	\$	62,871	\$	42,188	\$	18,650	\$	135,757	\$	56,717
Stock-based compensation expense		5,041		4,868		4,101		18,075		11,371
Restructuring charges		1,131		378		_		6,109		_
Amortization of intangible assets		10,870		12,573		1,400		31,169		4,270
Gain on business combination				_		_		(3,426)		_
Non-recurring tax benefit		_		_		_		_		(1,221)
Acquisition-related costs		269		2,664		2,012		17,425		4,276
Interest expense on debt commitment		_		_		_		1,844		_
Gain on hedge of debt and debt commitment		_		_		_		(7,147)		
Purchase accounting step-up		3,172		9,401		_		19,042		
Non-GAAP net income	\$	83,354	\$	72,072	\$	26,163	\$	218,848	\$	75,413
Non-GAAP net income per diluted share	\$	3.36	\$	2.91	\$	1.07	\$	8.85	\$	3.10

FORWARD-LOOKING STATEMENTS

This press release contains forward-looking statements, as defined under the Federal securities laws. These forward-looking statements include the statements in this press release that relate to customer demand for our products, our outlook for the flat panel display market and ability to satisfy anticipated demand, capacity projections, the timing and subject matter for capital spending and the timing and pace of any payment of our outstanding debt. These forward-looking statements are not guarantees of future results and are subject to risks, uncertainties and assumptions that could cause our actual results to differ materially and adversely from those expressed in any forward-looking statement. Factors that could cause actual results to differ materially include risks and uncertainties, including, but not limited to, risks associated with any general market recovery, growth in demand for our products, customer acceptance of our products, the worldwide demand for flat panel displays, the demand for and use of our products in commercial applications, our ability to general sufficient cash to fund capital spending or debt repayment, our successful implementation of our customer design wins, our and our customers' exposure to risks associated with worldwide economic conditions, our customers' ability to cancel long-term purchase orders, the ability of our customers to forecast their own end markets, our ability to accurately forecast future periods, customer acceptance and adoption of our new product offerings, continued timely availability of products and materials from our suppliers, our ability to timely ship our products and our customers' ability to accept such shipments, our ability to have our customers qualify our product offerings, worldwide government economic policies, our ability to integrate the business of Rofin successfully, manage our expanded operations and achieve anticipated synergies, and other risks identified in the Company's SEC filings. Readers are encouraged to refer to the risk disclosures and critical accounting policies and estimates described in the Company's reports on Forms 10-K, 10-Q and 8-K, as applicable and as filed from time-to-time by the Company. Actual results, events and performance may differ materially from those presented herein. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date hereof. The Company undertakes no obligation to update these forward-looking statements as a result of events or circumstances after the date hereof or to reflect the occurrence of unanticipated events.

Founded in 1966, Coherent, Inc. is one of the world's leading providers of lasers, laser-based technologies and laser-based system solutions for scientific, commercial and industrial customers. Our common stock is listed on the Nasdaq Global Select Market and is part of the Russell 2000 and Standard & Poor's MidCap 400 Index. For more information about Coherent, visit the company's website at www.coherent.com/ for product and financial updates.

5100 Patrick Henry Dr. . P. O. Box 54980, Santa Clara, California 95056–0980 . Telephone (408) 764-4000