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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

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**FORM 10-Q**

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**QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended **September 30, 2016**

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number **001-07698**

**ACME UNITED CORPORATION**  
(Exact name of registrant as specified in its charter)

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**CONNECTICUT**

(State or other jurisdiction of incorporation or organization)

**06-0236700**

(I.R.S. Employer Identification No.)

**55 WALLS DRIVE, FAIRFIELD, CONNECTICUT**

(Address of principal executive offices)

**06824**

(Zip Code)

Registrant's telephone number, including area code: **(203) 254-6060**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (Sec. 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act (Check one).

Large accelerated filer  Accelerated filer  Non-accelerated filer  Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes  No

As of October 28, 2016 the registrant had outstanding 3,324,955 shares of its \$2.50 par value Common Stock.

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**Part I - FINANCIAL INFORMATION**

**Item 1. Financial Statements**

**ACME UNITED CORPORATION  
CONDENSED CONSOLIDATED BALANCE SHEETS  
(all amounts in thousands)**

	<b>September 30, 2016 (unaudited)</b>	<b>December 31, 2015 (Note 1)</b>
	<u>                    </u>	<u>                    </u>
<b>ASSETS</b>		
Current assets:		
Cash and cash equivalents	\$ 6,272	\$ 2,426
Accounts receivable, less allowance	25,909	19,565
Inventories:		
Finished goods	33,037	29,803
Work in process	535	170
Raw materials and supplies	4,545	5,535
	<u>38,117</u>	<u>35,508</u>
Prepaid expenses and other current assets	1,995	2,135
Total current assets	<u>72,293</u>	<u>59,634</u>
Property, plant and equipment:		
Land	420	417
Buildings	5,691	5,418
Machinery and equipment	13,084	10,254
	<u>19,195</u>	<u>16,089</u>
Less accumulated depreciation	11,302	8,688
	<u>7,893</u>	<u>7,401</u>
Goodwill	1,406	1,406
Intangible assets, less amortization	16,768	11,951
Other assets	1,012	1,029
Total assets	<u>\$ 99,372</u>	<u>\$ 81,421</u>

See notes to condensed consolidated financial statements.

**ACME UNITED CORPORATION**  
**CONDENSED CONSOLIDATED BALANCE SHEETS (continued)**  
(all amounts in thousands, except share amounts)

	September 30, 2016 (unaudited)	December 31, 2015 (Note 1)
<b>LIABILITIES</b>		
Current liabilities:		
Accounts payable	\$ 6,748	\$ 6,664
Other accrued liabilities	6,597	5,273
Total current liabilities	13,345	11,937
Long-term debt	39,706	25,913
Other	574	388
Total liabilities	53,625	38,238
Commitments and Contingencies		
<b>STOCKHOLDERS' EQUITY</b>		
Common stock, par value \$2.50:		
authorized 8,000,000 shares;		
issued - 4,788,965 shares in 2016		
and 4,751,060 shares in 2015,		
including treasury stock	11,967	11,877
Additional paid-in capital	8,365	9,460
Retained earnings	41,648	37,340
Treasury stock, at cost - 1,464,010 shares in 2016 and 1,402,517 shares in 2015	(13,870)	(12,963)
Accumulated other comprehensive loss :		
Minimum pension liability	(948)	(948)
Translation adjustment	(1,415)	(1,583)
	(2,363)	(2,531)
Total stockholders' equity	45,747	43,183
Total liabilities and stockholders' equity	\$ 99,372	\$ 81,421

See notes to condensed consolidated financial statements.

**ACME UNITED CORPORATION**  
**CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS**  
(Unaudited)  
(all amounts in thousands, except per share amounts)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2016	2015	2016	2015
Net sales	\$ 31,913	\$ 29,903	\$ 98,198	\$ 86,694
Cost of goods sold	20,050	19,578	62,455	55,398
Gross profit	11,863	10,325	35,743	31,296
Selling, general and administrative expenses	9,723	8,334	28,008	24,603
Operating income	2,140	1,991	7,735	6,693
Non-operating items:				
Other:				
Interest expense, net	247	149	642	420
Other expense, net	65	92	38	149
Total other expense	312	241	680	569
Income before income taxes	1,828	1,750	7,055	6,124
Income tax expense	355	542	1,750	1,771
Net income	\$ 1,473	\$ 1,208	\$ 5,305	\$ 4,353
Basic earnings per share	\$ 0.44	\$ 0.36	\$ 1.59	\$ 1.31
Diluted earnings per share	\$ 0.40	\$ 0.33	\$ 1.49	\$ 1.18
Weighted average number of common shares outstanding- denominator used for basic per share computations	3,324	3,354	3,329	3,328
Weighted average number of dilutive stock options outstanding	317	345	233	370
Denominator used for diluted per share computations	3,641	3,699	3,562	3,698
Dividends declared per share	\$ 0.10	\$ 0.09	\$ 0.30	\$ 0.27

See notes to condensed consolidated financial statements.

**ACME UNITED CORPORATION**  
**CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME**  
(Unaudited)  
(all amounts in thousands)

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2016	2015	2016	2015
Net income	\$ 1,473	\$ 1,208	\$ 5,305	\$ 4,353
Other comprehensive (loss) income -				
Foreign currency translation	(26)	(129)	168	(591)
Comprehensive income	<u>\$ 1,447</u>	<u>\$ 1,079</u>	<u>\$ 5,473</u>	<u>\$ 3,762</u>

See notes to condensed consolidated financial statements.

**ACME UNITED CORPORATION**  
**CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS**  
(Unaudited)  
(all amounts in thousands)

	Nine Months Ended September 30,	
	2016	2015
Operating Activities:		
Net income	\$ 5,305	\$ 4,353
Adjustments to reconcile net income to net cash provided (used) by operating activities:		
Depreciation	1,097	970
Amortization	693	584
Stock compensation expense	306	442
Changes in operating assets and liabilities:		
Accounts receivable	(5,145)	(4,205)
Inventories	(2,134)	(1,392)
Prepaid expenses and other current assets	219	(226)
Accounts payable	21	(371)
Other accrued liabilities	1,223	(844)
Total adjustments	(3,720)	(5,042)
Net cash provided (used) by operating activities	1,585	(689)
Investing Activities:		
Purchase of property, plant, and equipment	(1,320)	(1,352)
Purchase of patents and trademarks	(29)	(52)
Acquisition of certain assets of Diamond Machining Technology	(6,971)	—
Proceeds from the sales of property, plant, and equipment	—	5
Net cash used by investing activities	(8,320)	(1,399)
Financing Activities:		
Borrowing of long-term debt	13,793	4,404
Cash settlement of stock options	(1,700)	—
Proceeds from issuance of common stock	390	1,139
Distributions to stockholders	(1,000)	(895)
Purchase of treasury stock	(907)	(162)
Net cash provided by financing activities	10,576	4,486
Effect of exchange rate changes on cash	5	(63)
Net change in cash and cash equivalents	3,846	2,335
Cash and cash equivalents at beginning of period	2,426	2,286
Cash and cash equivalents at end of period	\$ 6,272	\$ 4,621

See notes to condensed consolidated financial statements.

**NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS**  
(UNAUDITED)

**Note 1 — Basis of Presentation**

In the opinion of management, the accompanying condensed consolidated financial statements include all adjustments necessary to present fairly the financial position, results of operations and cash flows of Acme United Corporation (the "Company"). These adjustments are of a normal, recurring nature. However, the financial statements do not include all of the disclosures normally required by accounting principles generally accepted in the United States of America or those normally made in the Company's Annual Report on Form 10-K. Please refer to the Company's Annual Report on Form 10-K for the year ended December 31, 2015 for such disclosures. The condensed consolidated balance sheet as of December 31, 2015 was derived from the audited consolidated balance sheet as of that date. The results of operations for interim periods are not necessarily indicative of the results to be expected for the full year. The information included in this Quarterly Report on Form 10-Q should be read in conjunction with Management's Discussion and Analysis of Financial Condition and Results of Operations and the financial statements and notes thereto, included in the Company's 2015 Annual Report on Form 10-K.

The Company has evaluated events and transactions subsequent to September 30, 2016 and through the date these condensed consolidated financial statements were included in this Form 10-Q and filed with the SEC.

**Recently Issued Accounting Guidance**

In March, 2016 the Financial Accounting Standards Board (FASB) issued accounting standards update (ASU) 2016-09, *Compensation – Stock Compensation: Improvements to Employee Share Based Payment Accounting*. The guidance in this update addresses several aspects of the accounting for share-based payments, including income tax consequences, classification of awards as either equity or liabilities and classification on the statement of cash flows. The new standard is effective for the Company beginning on January 1, 2017. The Company is evaluating the effect that ASU 2016-09 may have on its consolidated financial statements and related disclosures.

**Note 2 — Contingencies**

The Company is involved from time to time in disputes and other litigation in the ordinary course of business and may encounter other contingencies, which may include environmental and other matters. There are no pending material legal proceedings to which the registrant is a party, or, to the actual knowledge of the Company, contemplated by any governmental authority.

In 2014, the Company sold its Fremont, NC distribution facility for \$850,000 in cash. Under the terms of the sale agreement, the Company is responsible to remediate any environmental contamination on the property. In conjunction with the sale of the property, the Company recorded a liability of \$300,000 in the second quarter of 2014, related to the remediation of the property. The accrual includes the total estimated costs of remedial activities and post-remediation monitoring costs.

Remediation work on the project has been completed. The monitoring period is expected to be completed by the end of 2020.

The change in the accrual for environmental remediation for the nine months ended September 30, 2016 follows (in thousands):

	<b>Balance at December 31, 2015</b>	<b>Payments</b>	<b>Balance at September 30, 2016</b>
Fremont, NC	\$ 80	\$ (13)	\$ 67
Total	<u>\$ 80</u>	<u>\$ (13)</u>	<u>\$ 67</u>



### Note 3 — Pension

Components of net periodic benefit cost are as follows (in thousands):

	Three Months Ended September 30,		Nine Months Ended September 30,	
	2016	2015	2016	2015
Components of net periodic benefit cost:				
Interest cost	\$ 15	\$ 15	\$ 44	\$ 44
Service cost	6	6	19	19
Expected return on plan assets	(23)	(24)	(69)	(70)
Amortization of prior service costs	2	2	7	7
Amortization of actuarial loss	28	36	84	92
	<u>\$ 28</u>	<u>\$ 35</u>	<u>\$ 85</u>	<u>\$ 92</u>

The Company's funding policy with respect to its qualified plan is to contribute at least the minimum amount required by applicable laws and regulations. In 2016, the Company is not required to contribute to the plan. As of September 30, 2016, the Company did not make any contributions to the plan in 2016.

### Note 4 — Debt and Shareholders' Equity

On May 6, 2016, the Company amended its revolving credit loan agreement with HSBC Bank, N.A. The amended facility provides for borrowings of up to an aggregate of \$50 million at an interest rate of LIBOR plus 2.0%. In addition, the Company must pay a facility fee, payable quarterly, in an amount equal to two tenths of one percent (.20%) per annum of the average daily unused portion of the revolving credit line. All principal amounts outstanding under the agreement are required to be repaid in a single amount on May 6, 2019, the date the agreement expires; interest is payable monthly. Funds borrowed under the agreement may be used for working capital, acquisitions, general operating expenses, share repurchases and certain other purposes. Under the revolving loan agreement, the Company is required to maintain specific amounts of tangible net worth, a specified debt to net worth ratio and a fixed charge coverage ratio and must have annual net income greater than \$0, measured as of the end of each fiscal year. At September 30, 2016, the Company was in compliance with the covenants then in effect under the loan agreement.

As of September 30, 2016 and December 31, 2015, the Company had outstanding borrowings of \$39,706,009 and \$25,912,652, respectively, under the Company's revolving loan agreement with HSBC.

During the three months ended September 30, 2016, the Company issued a total of 2,005 shares of common stock and received aggregate proceeds of \$30,376 upon exercise of employee stock options. During the nine months ended September 30, 2016, the Company issued a total of 37,905 shares of common stock and received aggregate proceeds of approximately \$420,376 upon exercise of employee stock options. During the three and nine months ended September 30, 2016, the Company paid approximately \$700,000 and \$1,700,000 respectively, to settle employee stock options.

During the nine months ended September 30, 2016, the Company repurchased 61,493 shares of its Common Stock at an average price of \$14.76. As of September 30, 2016, there were 41,229 shares that may be purchased under the repurchase program announced in 2010. The Company's purchases during the nine months ended September 30, 2016 were effected pursuant to a Rule 10b5-1 plan.

### Note 5 — Segment Information

The Company reports financial information based on the organizational structure used by the Company's chief operating decision makers for making operating and investment decisions and for assessing performance. The Company's reportable business segments consist of: (1) United States; (2) Canada and (3) Europe. As described below, the activities of the Company's Asian operations are closely linked to those of the U.S. operations; accordingly, the Company's chief operating decision makers review the financial results of both on a consolidated basis, and the results of the Asian operations have been aggregated with the results of the United States operations to form one reportable segment called the "United States segment" or "U.S. segment". Each reportable segment derives its revenue from the sales of cutting devices, measuring instruments and safety products for school, office, home, hardware, sporting and industrial use.

Domestic sales orders are filled primarily from the Company's distribution center in North Carolina. The Company is responsible for the costs of shipping, insurance, customs clearance, duties, storage and distribution related to such products. Orders filled from the Company's inventory are generally for less than container-sized lots.

Direct import sales are products sold by the Company's Asian subsidiary, directly to major U.S. retailers, who take ownership of the products in Asia. These sales are completed by delivering product to the customers' common carriers at the shipping points in Asia. Direct import sales are made in larger quantities than domestic sales, typically full containers. Direct import sales represented approximately 15% and 19% of the Company's total net sales for the three and nine months ended September 30, 2016 compared to 15% and 18% for the comparable periods in 2015.

The chief operating decision maker evaluates the performance of each operating segment based on segment revenues and operating income. Segment amounts are presented after converting to U.S. dollars and consolidating eliminations.

Financial data by segment:

(in thousands)

	Three months ended September 30,		Nine months ended September 30,	
	2016	2015	2016	2015
Sales to external customers:				
United States	\$ 28,489	\$ 26,160	\$ 87,311	\$ 75,943
Canada	1,585	1,669	5,623	5,726
Europe	1,839	2,074	5,264	5,025
Consolidated	<u>\$ 31,913</u>	<u>\$ 29,903</u>	<u>\$ 98,198</u>	<u>\$ 86,694</u>
Operating income (loss):				
United States	\$ 1,974	\$ 1,849	\$ 7,165	\$ 6,405
Canada	148	30	558	202
Europe	18	112	12	86
Consolidated	<u>\$ 2,140</u>	<u>\$ 1,991</u>	<u>\$ 7,735</u>	<u>\$ 6,693</u>
Interest expense, net	247	149	642	420
Other expense, net	65	92	38	149
Consolidated income before income taxes	<u>\$ 1,829</u>	<u>\$ 1,750</u>	<u>\$ 7,055</u>	<u>\$ 6,124</u>

Assets by segment:

( in thousands )

	September 30, 2016	December 31, 2015
United States	\$ 90,518	\$ 73,688
Canada	4,559	3,709
Europe	4,295	4,024
Consolidated	<u>\$ 99,372</u>	<u>\$ 81,421</u>

## Note 6 – Stock Based Compensation

The Company recognizes share-based compensation at the fair value of the equity instrument on the grant date. Compensation expense is recognized over the required service period. Share-based compensation expenses were \$122,001 and \$138,710 for the three months ended September 30, 2016 and 2015, respectively. Share-based compensation expenses were \$305,536 and \$442,225 for the nine months ended September 30, 2016 and 2015, respectively. During the nine months ended September 30, 2016, the Company issued 163,000 options with a weighted average fair value of \$4.08 per share.

As of September 30, 2016, there was a total of \$996,316 of unrecognized compensation cost, adjusted for estimated forfeitures, related to non-vested share – based payments granted to the Company’s employees. The remaining unamortized expense is expected to be recognized over a weighted average period of approximately 2 years.

## Note 7 – Fair Value Measurements

The carrying value of the Company’s bank debt approximates fair value. Fair value was determined using a discounted cash flow analysis.

## Note 8 – Business Combination

On February 1, 2016, the Company acquired the assets of Vogel Capital, Inc., d/b/a Diamond Machining Technology (DMT) for \$6.97 million in cash. DMT products are leaders in sharpening tools for knives, scissors, chisels, and other cutting tools. The DMT products use finely dispersed diamonds on the surfaces of sharpeners. The acquired assets include over 50 patents and trademarks.

The purchase price was allocated to assets acquired and liabilities assumed as follows (in thousands):

### Assets:

Accounts Receivable	\$	1,145
Inventory		280
Equipment		262
Prepaid expenses		176
Intangible Assets		5,481
Total assets	\$	7,344

### Liabilities

Accounts Payable	\$	192
Accrued Expense		181
Total liabilities	\$	373

Management’s assessment of the valuation of intangible assets is preliminary and finalization of the Company’s purchase price accounting assessment may result in changes to the valuation of the identified intangible assets. The Company will finalize the purchase price allocation as soon as practicable within the measurement period in accordance with Accounting Standards Codification Topic 805 “Business Combinations”.

Net sales for the three months ended September 30, 2016 attributable to DMT products were approximately \$1.3 million. Net income for the three months ended September 30, 2016 attributable to DMT products was approximately \$200,000.

Net sales for the nine months ended September 30, 2016 attributable to DMT products were approximately \$3.6 million. Net income for the nine months ended September 30, 2016 attributable to DMT products was approximately \$500,000.

Assuming DMT was acquired on January 1, 2016, unaudited proforma combined net sales for the nine months ended September 30, 2016 for the Company would have been approximately \$98.8 million. Unaudited proforma combined net income for the nine months ended September 30, 2016 for the Company would have been approximately \$5.4 million.

Assuming DMT was acquired on January 1, 2015, unaudited proforma combined net sales for the three and nine months ended September 30, 2015, for the Company would have been approximately \$31.2 million and \$90.3 million, respectively. Unaudited proforma combined net income for the three and nine months ended September 30, 2015 for the Company would have been approximately \$1.6 million and \$5.6 million, respectively.

**MANAGEMENT'S DISCUSSION AND ANALYSIS OF  
FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

**Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations**

**Forward-Looking Information**

The Company may from time to time make written or oral "forward-looking statements", including statements contained in this report and in other communications by the Company, which are made in good faith by the Company pursuant to the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995.

These forward-looking statements include statements of the Company's plans, objectives, expectations, estimates and intentions, which are subject to change based on various important factors (some of which are beyond the Company's control). The following factors, in addition to others not listed, could cause the Company's actual results to differ materially from those expressed in forward looking statements: the strength of the domestic and local economies in which the Company conducts operations, the impact of uncertainties in global economic conditions, changes in client needs and consumer spending habits, the impact of competition and technological change on the Company, the impact of any loss of a major customer, whether through consolidation or otherwise, the Company's ability to manage its growth effectively, including its ability to successfully integrate any business or assets which it might acquire, and currency fluctuations. For a more detailed discussion of these and other factors affecting us, see the Risk Factors described in Item 1A included in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015. All forward-looking statements in this report are based upon information available to the Company on the date of this report. The Company undertakes no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events, or otherwise, except as required by law.

**Critical Accounting Policies**

There have been no material changes to the Company's critical accounting policies and estimates from the information provided in Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, included in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015.

**Results of Operations**

On February 1, 2016, the Company purchased certain assets of Vogel Capital, Inc., d/b/a Diamond Machining Technology (DMT), located in Marlborough, MA. DMT products are leaders in sharpening tools for knives, scissors, chisels and other cutting tools. The DMT products use finely dispersed diamonds on the surfaces of sharpeners. The Company purchased inventory, accounts receivable, equipment, patents, trademarks and other intellectual property for \$6.97 million using funds borrowed under its revolving credit facility with HSBC. Additional information concerning the acquisition of DMT assets is set forth in Note 8 – Business Combinations, in the Notes to Condensed Consolidated Financial Statements.

Traditionally, the Company's sales are stronger in the second and third quarters, and weaker in the first and fourth quarters of the fiscal year, due to the seasonal nature of the back-to-school market.

*Net sales*

Consolidated net sales for the three months ended September 30, 2016 were \$31,913,000 compared with \$29,903,000 in the same period in 2015, a 7% increase. Consolidated net sales for the nine months ended September 30, 2016 were \$98,198,000, compared with \$86,694,000 for the same period in 2015, a 13% increase.

Net sales for the three and nine months ended September 30, 2016 in the U.S. segment increased 9% and 15%, respectively, compared with the same periods in 2015. Sales in the U.S. for the three and nine month periods increased compared to the same periods last year, primarily due to higher sales of Westcott school and office products, as well as higher sales of first aid products and incremental sales resulting from the acquisition of DMT.

Net sales in Canada for the three months ended September 30, 2016 decreased 5% in U.S. dollars (4% in local currency). Net sales in Canada for the nine months ended September 30, 2016 decreased 2% in U.S. dollars but increased 3% in local currency compared with the same period in 2015.

European net sales for the three months ended September 30, 2016 declined 12% in both U.S. dollars and local currency compared with the same period in 2015. The decline in sales was primarily due to the timing of a shipment of promotional products to a mass-market customer. In 2015, the promotion occurred in the third quarter; in 2016, the promotion occurred in the second quarter. European net sales for the nine months ended September 30, 2016 increased 4% in both U.S. dollars and local currency. The increase in net sales for the nine months was primarily related to market share gains in the office products channel.

#### *Gross profit*

Gross profit for the three months ended September 30, 2016 was \$11,863,000 (37.2% of net sales) compared to \$10,325,000 (34.5% of net sales) for the same period in 2015. The increase in gross profit was primarily due to a favorable product mix. Also, in the third quarter of last year, the Company incurred approximately \$150,000 of one-time moving and severance costs associated with consolidating its first aid operations into its Vancouver, Washington facility. Gross profit for the nine months ended September 30, 2016 was \$35,743,000 (36.4% of net sales) compared to \$31,296,000 (36.1% of net sales) in the same period in 2015.

#### *Selling, general and administrative expenses*

Selling, general and administrative ("SG&A") expenses for the three months ended September 30, 2016 were \$9,723,000 (30.5% of net sales) compared with \$8,334,000 (27.9% of net sales) for the same period of 2015, an increase of \$1,389,000. SG&A expenses for the nine months ended September 30, 2016 were \$28,008,000 (28.5% of net sales) compared with \$24,603,000 (28.4% of net sales) in the comparable period of 2015, an increase of \$3,405,000. The increases in SG&A expenses for the three and nine months ended September 30, 2016, compared to the same period in 2015 were primarily the result of incremental fixed costs resulting from the acquisition of DMT assets, increases in delivery costs and sales commissions which resulted from higher sales and higher personnel related costs, which include compensation and recruiting costs.

#### *Operating income*

Operating income for the three months ended September 30, 2016 was \$2,140,000 compared with \$1,991,000 in the same period of 2015. Operating income for the nine months ended September 30, 2016 was \$7,735,000 compared to \$6,693,000 in the same period of 2015. Operating income in the U.S. segment increased by \$123,000 and \$760,000 for the three and nine months ended September 30, 2016, respectively, compared to the same periods in 2015. The increases in operating income were principally due to higher sales.

Operating income in the Canadian segment increased by \$118,000 and \$356,000 for the three and nine months ended September 30, 2016, respectively, compared to the same periods in 2015.

Operating income in the European segment decreased by \$94,000 and \$74,000 for the three and nine months ended September 30, 2016, respectively, compared to the same periods in 2015.

#### *Interest expense, net*

Interest expense, net for the three months ended September 30, 2016 was \$247,000, compared with \$149,000 for the same period of 2015, a \$98,000 increase. Interest expense, net for the nine months ended September 30, 2016, was \$642,000 compared to \$420,000 for the same period in 2015, an increase of \$222,000. The increases in interest expense resulted from higher average borrowings under the Company's bank revolving credit facility for the three and nine months ended September 30, 2016. The higher borrowings were primarily the result of the acquisition of assets of DMT, on February 1, 2016.

#### *Other expense, net*

Net other expense was \$65,000 in the three months ended September 30, 2016 compared to \$92,000 in the same period of 2015. Net other expense was \$38,000 in the first nine months of 2016 compared to \$149,000 in the same period of 2015. The decrease in other expense for the three and nine months ended September 30, 2015 was primarily due to lower losses from foreign currency transactions.

#### *Income taxes*

The Company's effective tax rates for both the three and nine month periods ended September 30, 2016 were 19% and 25%, respectively, compared to 31% and 29% in the same periods of 2015. The decreases in the effective tax rate for the three and nine months ended September 30, 2016 were due to the Company generating a higher proportion of earnings in jurisdictions with lower tax rates.

### **Financial Condition**

#### *Liquidity and Capital Resources*

During the first nine months of 2016, working capital increased approximately \$11,251,000 compared to December 31, 2015. Inventory increased by approximately \$2.6 million, or 7%, at September 30, 2016 compared to December 31, 2015, primarily due to normal seasonal purchases as well as additional inventory resulting from the acquisition of the assets of DMT on February 1, 2016. Inventory turnover, calculated using a twelve month average inventory balance, was 2.1 at September 30, 2016, compared to 2.0 for the twelve months ended December 31, 2015. Receivables increased by approximately \$6.3 million at September 30, 2016 compared to December 31, 2015. The average number of days sales outstanding in accounts receivable was 63 days at September 30, 2016 compared to 64 days at December 31, 2015. The increase in accounts receivables was due to strong sales in the third quarter. Sales are typically stronger in the second and third quarters compared to the first and fourth quarters. Accounts payable and other current liabilities increased by approximately \$1.4 million.

The Company's working capital, current ratio and long-term debt to equity ratio follow:

	<u>September 30, 2016</u>	<u>December 31, 2015</u>
Working capital	\$ 58,948	\$ 47,697
Current ratio	5.42	5.00
Long term debt to equity ratio	86.8%	60.0%

During the first nine months of 2016, total debt outstanding under the Company's revolving credit facility increased by approximately \$13.8 million, compared to total debt thereunder at December 31, 2015. As of September 30, 2016, \$39,706,009 was outstanding and \$10,293,991 was available for borrowing under the Company's credit facility. The increase in the debt outstanding was primarily due to borrowings to fund the acquisition of assets of DMT on February 1, 2016, as well as to fund the increase in working capital. Increases in accounts receivable, inventory and debt outstanding under the Company's revolving credit facility typically occur in the second and third quarter of each year due to the seasonal nature of the business.

On May 6, 2016, the Company amended its revolving credit loan agreement with HSBC Bank, N.A. The amended facility provides for borrowings of up to an aggregate of \$50 million at an interest rate of LIBOR plus 2.0%. In addition, the Company must pay a facility fee, payable quarterly, in an amount equal to two tenths of one percent (.20%) per annum of the average daily unused portion of the revolving credit line. All principal amounts outstanding under the agreement are required to be repaid in a single amount on May 6, 2019, the date the agreement expires; interest is payable monthly. Funds borrowed under the agreement may be used for working capital, acquisitions, general operating expenses, share repurchases and certain other purposes. Under the revolving loan agreement, the Company is required to maintain specific amounts of tangible net worth, a specified debt service coverage ratio and a fixed charge coverage ratio and must have annual net income greater than \$0, measured as of the end of each fiscal year. At September 30, 2016, the Company was in compliance with the covenants then in effect under the loan agreement with HSBC.

As discussed in Note 2 to the Condensed Consolidated Financial Statements set forth in Item 1 above, at September 30, 2016 the Company had a total of approximately \$67,000 remaining in its accruals for environmental remediation and monitoring, related to property it had owned in Fremont, NC.

The Company believes that cash expected to be generated from operating activities, together with funds available under its revolving credit facility will, under current conditions, be sufficient to finance the Company's planned operations over the next twelve months.

**Item 3. Quantitative and Qualitative Disclosure About Market Risk**

Not applicable.

**Item 4. Controls and Procedures**

(a) Evaluation of Internal Controls and Procedures

Under the supervision and with the participation of our management, including the Chief Executive Officer and Chief Financial Officer, we have evaluated the effectiveness of our disclosure controls and procedures as required by Exchange Act Rule 13a-15(b) as of the end of the period covered by this report. Based on that evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that these disclosure controls and procedures are effective.

(b) Changes in Internal Control over Financial Reporting

During the quarter ended September 30, 2016, there were no changes in our internal control over financial reporting that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.



## PART II. OTHER INFORMATION

### Item 1 — Legal Proceedings

There are no pending material legal proceedings to which the registrant is a party, or, to the actual knowledge of the Company, contemplated by any governmental authority.

### Item 1A – Risk Factors

See Risk Factors set forth in Part I, Item 1A of the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2015.

### Item 2 — Unregistered Sales of Equity Securities and Use of Proceeds

None

### Item 3. — Defaults Upon Senior Securities

None.

### Item 4 — Mine Safety Disclosures

Not Applicable

### Item 5 — Other Information

None.

**Item 6 — Exhibits**

Documents filed as part of this report.

Exhibit 31.1 Certification of Walter C. Johnsen pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Exhibit 31.2 Certification of Paul G. Driscoll pursuant to Section 302 of the Sarbanes-Oxley Act of 2002

Exhibit 32.1 Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

Exhibit 32.2 Certification Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

**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 thereunto duly authorized.

ACME UNITED CORPORATION

By \_\_\_\_\_ /s/ Walter C. Johnsen  
Walter C. Johnsen  
Chairman of the Board and  
Chief Executive Officer

Dated: November 4, 2016

By \_\_\_\_\_ /s/ Paul G. Driscoll  
Paul G. Driscoll  
Vice President and  
Chief Financial Officer

Dated: November 4, 2016

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, WALTER C. JOHNSEN, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Acme United Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By

\_\_\_\_\_  
/s/ Walter C. Johnsen  
Walter C. Johnsen  
Chairman of the Board and  
Chief Executive Officer  
Dated: November 4, 2016

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, PAUL G. DRISCOLL, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q of Acme United Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
  - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By \_\_\_\_\_  
/s/ Paul G. Driscoll  
Paul G. Driscoll  
Vice President and  
Chief Financial Officer  
Dated: November 4, 2016

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

The undersigned officer of Acme United Corporation (the "Company") hereby certifies to my knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended September 30, 2016 (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. This certification is provided solely pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and shall not be deemed to be a part of the Report or "filed" for any purpose whatsoever.

By \_\_\_\_\_ /s/ Walter C. Johnsen  
Walter C. Johnsen  
Chairman of the Board and  
Chief Executive Officer

Dated: November 4, 2016

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Acme United Corporation and will be retained by Acme United Corporation and furnished to the Securities and Exchange Commission or its staff upon request.

**CERTIFICATION PURSUANT TO  
18 U.S.C. SECTION 1350,  
AS ADOPTED PURSUANT TO  
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

The undersigned officer of Acme United Corporation (the "Company") hereby certifies to my knowledge that the Company's quarterly report on Form 10-Q for the quarterly period ended September 30, 2016 (the "Report"), as filed with the Securities and Exchange Commission on the date hereof, fully complies with the requirements of section 13(a) or 15(d), as applicable, of the Securities Exchange Act of 1934, as amended, and that the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. This certification is provided solely pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, and shall not be deemed to be a part of the Report or "filed" for any purpose whatsoever.

By \_\_\_\_\_ /s/ Paul G. Driscoll  
Paul G. Driscoll  
Vice President and  
Chief Financial Officer

Dated: November 4, 2016

A signed original of this written statement required by Section 906, or other document authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to Acme United Corporation and will be retained by Acme United Corporation and furnished to the Securities and Exchange Commission or its staff upon request.

