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): February 26, 2010

ACME UNITED CORPORATION

(Exact name of registrant as specified in its charter)

Connecticut (State or other jurisdiction of incorporation or organization) 001-07698 (Commission file number) 06-0236700 (I.R.S. Employer Identification No.)

60 Round Hill Road, Fairfield, Connecticut (Address of principal executive offices)

06824 (Zip Code)

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

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))

ITEM 2.02. RESULTS OF OPERATIONS AND FINANCIAL CONDITION.

On February 26, 2010, Acme United Corporation (the "Company") issued a press release announcing its financial results for the year ended December 31, 2009. A copy of the press release is attached as Exhibit 99.1 to this current report.

ITEM 9.01. FINANCIAL STATEMENTS AND EXHIBITS.

(c) Exhibits

Exhibit Number Description

99.1 Press release dated February 26, 2010.

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.

ACME UNITED CORPORATION

By

/s/ Walter C. Johnsen Walter C. Johnsen

Chairman and Chief Executive Officer

Dated: February 26, 2010

By

/s/ Paul G. Driscoll

Paul G. Driscoll Vice President and Chief Financial Officer

Dated: February 26, 2010

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EXHIBIT INDEX

Exhibit Number	Description
<u>99.1</u>	Press release dated February 26, 2010.

ACME UNITED CORPORATION

NEWS RELEASE

CONTACT: Paul G. Driscoll

Acme United Corporation Phone: (203) 254-6060 60 Round Hill Road FAX: (203) 254-6521 Fairfield, CT 06824

FOR IMMEDIATE RELEASE February 26, 2010

ACME UNITED CORPORATION REPORTS FOURTH QUARTER SALES INCREASE OF 7% AND EARNINGS INCREASE OF 22%

FAIRFIELD, CONN. – February 26, 2010 – Acme United Corporation (NYSE AMEX:ACU) today announced that net sales for the quarter ended December 31, 2009, were \$13.4 million compared to \$12.6 million in the same period in 2008, an increase of 7% (4% in local currency). Net sales for the year ended December 31, 2009 were \$59.1 million, compared to \$68.7 million in the same period in 2008, a decrease of 14% (17% in local currency).

Net income for the fourth quarter ended December 31, 2009 was \$731,000, or \$.22 per diluted share, compared to \$634,000, or \$.18 per diluted share, for the comparable period last year, an increase of 22%. Net income for the year ended December 31, 2009 was \$2,842,000, or \$.85 per diluted share, compared to \$4,467,000, or \$1.24 per diluted share, in the comparable period last year.

Net sales for the year ended December 31, 2009, in the U.S. segment decreased 16% compared to 2008. Net sales in Canada for the year ended December 31, 2009 decreased 13% in U.S. dollars compared to 2008, and 6% in local currency. The decline in net sales for the twelve months ended December 31, 2009 in the U.S. and Canadian segment was principally due to the economic downturn. European net sales for the year ended December 31, 2009 increased 3% in U.S. dollars and 8% in local currency compared to 2008.

Gross margins were 39% for the fourth quarter ended December 31, 2009 and 2008, respectively. Gross margins were 37% for 2009 compared to 40% in 2008. The gross margin decline for the year was primarily due to fixed costs spread over lower sales, the weaker Canadian dollar which raised the cost of products in our Canadian segment, and product mix.

Operating income in the fourth quarter ended December 31, 2009 was \$293,000, compared to \$795,000 in the fourth quarter of 2008. Operating income in the fourth quarter of 2009 included a \$210,000 write-off of medical products donated for relief efforts. The fourth quarter of 2008 included a benefit of \$400,000 from the reversal of incentive compensation liabilities. Excluding these items, operating income was \$503,000 in the fourth quarter of 2009 compared to \$395,000 in 2008.

Pretax income in the fourth quarter ended December 31, 2009 was \$266,000 compared to \$875,000 in the fourth quarter of 2008. Included in pretax income in the fourth quarter of 2008 was \$265,000 in other income related to the Company's gain on the sale of its former facility in Bridgeport, CT, which had ceased manufacturing in 1996. Excluding the \$210,000 charge associated with the donation of medical products and the exceptional items in the fourth quarter of 2008, pretax income was \$476,000 in the fourth quarter of 2009 compared to \$210,000 in same period in 2008.

In the fourth quarter of 2009, the Company recorded an income tax benefit of approximately \$464,000, which was primarily due to \$500,000 of tax savings related to the Company's donation of medical products to AmeriCares and the donation of land to the City of Bridgeport, CT. This donation, which occurred in December 2009, consisted of waterfront property adjacent to the property the Company sold in December 2008.

The full year effective tax rate in 2009 was 18%, compared to 33% in 2008. The decrease in the effective tax rate in 2009 was primarily the result of the \$500,000 of tax savings resulting from the donations. Without these credits, the effective tax rate would have been approximately 32% for 2009.

Walter C. Johnsen, Chairman and CEO said, "We completed 2009 with momentum. Our award-winning iPoint pencil sharpeners are gaining wide distribution, the Speed Pak utility knives are building sales, and the Camillus knife sales are growing. Our new proprietary non-stick coatings are broadening our product applications for cutting in the craft, office, industrial, hardware and other markets."

Mr. Johnsen added that he was pleased with the Company's substantial reduction in debt during the year, and its new bank facility obtained in January 2010. He emphasized that Acme United enters 2010 with a stronger balance sheet than a year ago, and is well positioned for growth.

The Company's bank debt less cash on December 31, 2009 was \$2.7 million compared to \$6.5 million on December 31, 2008. During fiscal year 2009, the Company repurchased 206,000 shares of its common stock for approximately \$1.7 million and paid \$700,000 in dividends on its common stock; the expenditures were offset by cash flow from operations of \$6.6 million.

ACME UNITED CORPORATION is an innovative supplier of cutting devices, measuring instruments and safety products for school, home, office, industrial and hardware use. Its leading brands include Westcott®, Clauss®, Camillus® and Physicians*Care* ®.

Forward-looking statements in this report, including without limitation, statements related to the Company's plans, strategies, objectives, expectations, intentions and adequacy of resources, are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Investors are cautioned that such forward-looking statements involve risks and uncertainties including, without limitation, the following: (i) the Company's plans, strategies, objectives, expectations and intentions are subject to change at any time at the discretion of the Company; (ii) the impact of current uncertainties in global economic conditions and the ongoing financial crisis affecting the domestic and foreign banking system and financial markets, including the impact on the Company's suppliers and customers (iii) the Company's plans and results of operations will be affected by the Company's ability to manage its growth, and (iv) other risks and uncertainties indicated from time to time in the Company's filings with the Securities and Exchange Commission.

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ACME UNITED CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF INCOME YEAR END REPORT 2009 (Unaudited)

Amounts in \$000's except per share data	Quarter Ended December 31, 2009		Quarter Ended December 31, 2008	
Net sales	\$	13,422	\$	12,584
Cost of goods sold		8,248		7,701
Gross profit		5,174		4,883
Selling, general, and administrative expenses		4,881		4,088
Income from operations		293		795
Interest expense		(32)		(89)
Interest income		33		-
Net interest expense		2		(89)
Other (expense) income		(29)		169
Total other (expense) income net		(27)		80
Pre-tax income		266		875
Income tax (benefit) expense		(464)		241
Net income	\$	731	\$	634
			-	
Shares outstanding - Basic		3,208		3,415
Shares outstanding - Diluted		3,305		3,511
Earnings per share basic	\$	0.23	\$	0.19
Earnings per share diluted		0.22		0.18

ACME UNITED CORPORATION CONDENSED CONSOLIDATED STATEMENTS OF INCOME YEAR END REPORT 2009 (cont.) (Unaudited)

Amounts in \$000's except per share data	Year Ended December 31, 2009		Year Ended December 31, 2008	
Net sales	\$	59,149	\$	68,719
Cost of goods sold		37,075		41,062
Gross profit		22,073		27,657
Selling, general, and administrative expenses		19,047		20,778
Income from operations		3,027		6,879
Interest expense		(155)		(396)
Interest income		129		-
Net interest expense		(26)		(396)
Other (expense) income		452		193
Total other income (expense) net		426		(203)
Pre-tax income		3,453		6,676
Income tax expense		611		2,209
Net income	\$	2,842	\$	4,467
Shares outstanding - Basic		3,289		3,486
Shares outstanding - Diluted		3,353		3,612
Earnings per share basic	\$	0.86	\$	1.28
Earnings per share diluted	Ψ	0.85	Ψ	1.24

ACME UNITED CORPORATION CONDENSED CONSOLIDATED BALANCE SHEETS YEAR END REPORT 2009 (Unaudited)

Amounts in \$000's	Decem	December 31, 2009		December 31, 2008	
Assets:					
Current assets:					
Cash	\$	6,519	\$	5,225	
Accounts receivable, net		10,703		10,564	
Inventories		17,400		21,769	
Prepaid and other current assets		1,133		1,088	
Total current assets		35,755		38,646	
Property and equipment, net		2,088		2,269	
Long term receivable		1,892		2,000	
Other assets		2,574		2,509	
Total assets	<u>\$</u>	42,309	\$	45,424	
Liabilities and stockholders' equity:					
Current liabilities					
Accounts payable	\$	3,546	\$	3,669	
Other current liabilities		3,257		5,157	
Total current liabilities		6,803		8,826	
Non-current liabilities					
Long term debt		9,154		11,750	
Other non current liabilities		1,811		1,960	
Total liabilities		17,768		22,536	
Total stockholders' equity		24,541		22,888	
Total liabilities and stockholders' equity	\$	42,309	\$	45,424	