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): September 8, 2010

TITAN MACHINERY INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-33866 (Commission File Number) 45-0357838 (IRS Employer Identification No.)

644 East Beaton Drive West Fargo, North Dakota 58078 (Address of Principal Executive Offices) (Zip Code)

(701) 356-0130

(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:

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 September 8, 2010, Titan Machinery Inc. (the "Company") issued a press release announcing its financial results for the three and six-month periods ended July 31, 2010. The Company will be conducting a conference call to discuss its second quarter and first six months of fiscal 2011 financial results at 7:30 a.m. Central time on September 8, 2010. The full text of the press release is set forth in Exhibit 99.1 attached hereto and is incorporated by reference in this Current Report on Form 8-K as if fully set forth herein.

Item 9.01 Financial Statements and Exhibits.

(a) Financial statements: None

(b) Pro forma financial information: None

(c) Shell Company Transactions: None

(d) Exhibits: 99.1

Press Release dated September 8, 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.

TITAN MACHINERY INC.

Date: September 8, 2010 By /s/ Mark Kalvoda

Mark Kalvoda

Chief Accounting Officer

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SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

EXHIBIT INDEX to FORM 8-K

TITAN MACHINERY INC.

Date of Report:
September 8, 2010

Exhibit No.

Commission File No.:
001-33866

99.1 Press Release dated September 8, 2010

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Exhibit 99.1

Titan Machinery Inc. Announces Fiscal Second Quarter Ended July 31, 2010 Results

-Company Reiterates Fiscal 2011 Revenue and Earnings Per Share Guidance-

-Second Quarter Revenue Increased 8.5% to \$210 Million-

-Second Quarter Construction Same-Store Sales Increased 18.7%-

West Fargo, ND — September 8, 2010 — Titan Machinery Inc. (Nasdaq: TITN), a leading network of full-service agricultural and construction equipment stores, today reported financial results for the second quarter and first six months of fiscal 2011 ended July 31, 2010.

Fiscal 2011 Second Quarter

For the second quarter of fiscal 2011, revenue increased 8.5% to \$209.7 million from revenue of \$193.2 million in the second quarter last year. All three of the Company's main revenue sources—equipment, parts and service—contributed to this period-over-period revenue growth. Equipment sales were \$153.1 million for the second quarter of fiscal 2011, compared to \$141.1 million in the second quarter last year. Parts sales were \$33.9 million for the second quarter of fiscal 2011, compared to \$32.5 million in the second quarter last year. Revenue generated from service was \$17.5 million for the second quarter of fiscal 2011, compared to \$15.6 million in the second quarter last year.

Revenue generated from the Company's Agriculture segment was \$181.5 million for the second quarter of fiscal 2011, compared to \$170.4 million in the second quarter last year. Revenue generated from the Company's Construction segment was \$36.2 million for the second quarter of fiscal 2011, compared to \$30.5 million in the second quarter last year.

Gross profit for the second quarter of fiscal 2011 was \$36.0 million, approximately flat compared to the second quarter of last year. The Company's gross profit margin was 17.2% in the fiscal second quarter of 2011, compared to 18.6% in the second quarter last year. The gross margin decrease was primarily due to lower equipment margins in the Agriculture and Construction businesses. Gross profit from parts and service revenue contributed 56% of overall gross profit for the second quarter of fiscal 2011, compared to 54% in the second quarter last year.

Pre-tax income for the second quarter of fiscal 2011 was \$4.6 million, compared to \$8.2 million in the second quarter last year. Pre-tax margin was 2.2% for the second quarter of fiscal 2011, compared to 4.3% in the second quarter last year. Pre-tax income for the Company's Agriculture segment was \$6.2 million for the second quarter of fiscal 2011, compared to \$10.0 million in the second quarter last year. Pre-tax loss for the Company's Construction segment was \$852,000 for the second quarter of fiscal 2011, compared to \$785,000 in the second quarter last year.

Net income for the second quarter of fiscal 2011 was \$2.7 million, compared to net income of \$4.9 million in the second quarter last year. Earnings per diluted share for the second quarter of fiscal 2011 were \$0.15 per diluted share on approximately 18.1 million shares outstanding, compared to \$0.27 per diluted share on approximately 18.0 million shares outstanding in the second quarter last year.

Fiscal 2011 First Six Months Results

For the six months ended July 31, 2010, revenue increased 15.5% to \$415.1 million from \$359.5 million for the same period last year. Gross margin for the first six months of fiscal 2011 was 17.0%, compared to 17.9% in the same period last year. Pre-tax income for the first six months of fiscal 2011 was \$7.2 million for a pre-tax margin of 1.7%, compared to \$11.3 million, or a pre-tax margin of 3.1%, for the same period last year. Net income for the first six months of fiscal 2011 was \$4.3 million, or \$0.24 per diluted share, compared to \$6.6 million, or \$0.37 per diluted share, in the same period last year. The six-month weighted average shares outstanding was 18.1 million, compared to 17.9 million in the same period last year.

Balance Sheet

The Company ended the second quarter of fiscal 2011 with a strong balance sheet. Its cash and cash equivalents were \$61.5 million as of July 31, 2010. Working capital at the end of the second quarter of fiscal 2011 was \$155.6 million. As of July 31, 2010, the Company had \$82.2 million available of its \$400.0 million total discretionary floorplan lines of credit. Additionally, at quarter end, the Company had no amounts outstanding under its \$25 million operating line of credit.

Outlook

David Meyer, Titan Machinery's Chairman and Chief Executive Officer, stated, "We are pleased with the progress of our overall business in the first half of fiscal 2011, and based on our year-to-date results and our outlook for the back half of the year, we are reiterating our annual revenue and earnings per share guidance. In the second quarter, we achieved 19% quarter-over-quarter revenue growth for our Construction business, which highlights improvements from our recently implemented Construction Business Action Plan. While our Agriculture business in the second quarter reflects slightly lower equipment margins, it remains on track to meet our full year expectations."

Mr. Meyer continued, "As we enter the second half of fiscal 2011 there are favorable yield reports of this year's crop across our footprint in the Upper Midwest. Decreased global supply coupled with strong demand should increase revenues for our Agriculture customers. In addition, the upcoming Tier 4 emission requirements are expected to increase demand for our current Tier 3 inventories. The combination of these factors should drive strong organic growth for our Agriculture business, offset equipment margin pressure and reduce inventories. Regarding our Construction business, we are confident we will achieve our goal of 15-20% same store revenue growth as well as the expected bottom line improvement compared to last year as we continue to execute on our Construction Business Action Plan."

The Company evaluates its financial performance based on its customers' annual production cycles as opposed to a quarterly basis, due to weather fluctuations and the seasonal nature of the customers' businesses. The Company is affirming its revenue and net income guidance for the full year ending January 31, 2011. It continues to expect to achieve revenue for the full year ending January 31, 2011 in a range of \$920 million to \$980 million. Net income is expected to be in the range of \$16.7 million to \$18.5 million resulting in an earnings per diluted share range of \$0.92 to \$1.02. Weighted average diluted shares outstanding for the fiscal year ending January 31, 2011 are estimated to be approximately 18.1 million.

Conference Call and Presentation Information

A copy of the presentation that will accompany the prepared remarks from the conference call is available on the Company's website under investor relations at www.titanmachinery.com.

The Company will host a conference call and audio webcast today at 7:30 a.m. Central time (8:30 a.m. Eastern time). Investors interested in participating in the live call can dial (888) 312-3047 from the U.S. International callers can dial (719) 457-2647. A telephone replay will be available approximately two hours

after the call concludes and will be available through Wednesday, September 22, 2010, by dialing (888) 203-1112 from the U.S., or (719) 457-0820 from international locations, and entering confirmation code 9599499. There also will be a simultaneous, live webcast available on the Investor Relations section of the Company's web site at www.titanmachinery.com. The webcast will be archived for 30 days.

About Titan Machinery Inc.

Titan Machinery Inc., founded in 1980 and headquartered in West Fargo, North Dakota, is a multi-unit business with mature locations and newly-acquired locations. The Company owns and operates a network of full service agricultural and construction equipment stores in the United States. The Titan Machinery network consists of 71 dealerships in North Dakota, South Dakota, Iowa, Minnesota, Montana, Nebraska and Wyoming, including two outlet stores, representing one or more of the CNH Brands (NYSE:CNH), including Case IH, New Holland Agriculture, Case Construction, New Holland Construction, Kobelco and CNH Capital. Additional information about Titan Machinery Inc. can be found at www.titanmachinery.com.

Forward Looking Statements

Except for historical information contained herein, the statements in this release are forward-looking and made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements made herein, which include statements regarding the Company's expected improved operating results for the Construction segment and the expected results of operations for the fiscal year ending January 31, 2011, our beliefs and expectations with respect to the industries in which we operate, the anticipated impact of our recent acquisitions, our anticipated organic growth for our Agriculture business, our expectations regarding equipment margin pressures and our expectations as to the execution of our strategy, involve known and unknown risks and uncertainties, which may cause Titan Machinery's actual results in current or future periods to differ materially from forecasted results. The Company's risks and uncertainties include, among other things, a substantial dependence on a single distributor, the continued availability of organic growth and acquisition opportunities, potential difficulties integrating acquired stores, industry supply levels, fluctuating agriculture and construction industry economic conditions, the success of recently implemented initiatives within the Company's Construction segment, the impact of continuing unfavorable conditions in the credit markets, governmental agriculture policies, seasonal fluctuations, climate conditions, disruption in receiving ample inventory financing, and increased competition in the geographic areas served. These and other risks are more fully described in Titan Machinery's filings with the Securities and Exchange

Commission, including the Company's most recently filed Annual Report on Form 10-K. Titan Machinery conducts its business in a highly competitive and rapidly changing environment. Accordingly, new risk factors may arise. It is not possible for management to predict all such risk factors, nor to assess the impact of all such risk factors on Titan Machinery's business or the extent to which any individual risk factor, or combination of factors, may cause results to differ materially from those contained in any forward-looking statement. Titan Machinery disclaims any obligation to update such factors or to publicly announce results of revisions to any of the forward-looking statements contained herein to reflect future events or developments.

Investor Relations Contact:

ICR, Inc. John Mills, jmills@icrinc.com Senior Managing Director 310-954-1100

TITAN MACHINERY INC. Consolidated Balance Sheets (in thousands, except per share data)

	July 31, 2010 (Unaudited)		January 31, 2010		
ASSETS	((mauditedy			
ASSE 15					
CURRENT ASSETS					
Cash and cash equivalents	\$	61,461	\$	76,18	
Receivables, net		29,478		22,25	
Inventories		419,945		347,58	
Prepaid expenses		633		1,00	
Income taxes receivable				1,59	
Deferred income taxes		2,867		2,20	
Total current assets		514,384		450,8	
INTANGIBLES AND OTHER ASSETS					
Noncurrent parts inventories		1,983		1,64	
Goodwill		16,247		14,7	
Intangible assets, net of accumulated amortization		408		29	
Other		845		6.	
		19,483		17,3	
PROPERTY AND EQUIPMENT, net of accumulated depreciation		53,938		46,6	
ROI ERTT AND EQUITIVENT, liet of accumulated depreciation		33,336		40,0	
	\$	587,805	\$	514,8	
LIADH ITIEC AND CTOCKHOLDEDC EQUITY					
LIABILITIES AND STOCKHOLDERS' EQUITY					
CURRENT LIABILITIES					
Accounts payable	\$	15,312	\$	12,3	
Floorplan notes payable		317,506		249,8	
Current maturities of long-term debt and short-term advances		8,801		7,2	
Customer deposits		6,928		12,9	
Accrued expenses		9,780		9,8	
Income taxes payable		489		-	
		358,816		292,2	
Total current liabilities		330,010			
		330,010			
LONG-TERM LIABILITIES		<u> </u>		21.0	
LONG-TERM LIABILITIES Long-term debt, less current maturities		24,351			
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes		24,351 6,604		6,3	
LONG-TERM LIABILITIES Long-term debt, less current maturities		24,351 6,604 2,584		6,33 3,79	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes		24,351 6,604		6,33 3,79	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY	_	24,351 6,604 2,584		6,35 3,79	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY Common stock, par value \$.00001 per share, authorized - 25,000 shares; issued and outstanding - 17,851 at	_	24,351 6,604 2,584	_	6,35 3,79	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY Common stock, par value \$.00001 per share, authorized - 25,000 shares; issued and outstanding - 17,851 at July 31, 2010 and 17,777 at January 31, 2010		24,351 6,604 2,584 33,539	_	6,3: 3,79 32,00	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY Common stock, par value \$.00001 per share, authorized - 25,000 shares; issued and outstanding - 17,851 at July 31, 2010 and 17,777 at January 31, 2010 Additional paid-in-capital	_	24,351 6,604 2,584 33,539	_	21,85 6,35 3,75 32,00	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY Common stock, par value \$.00001 per share, authorized - 25,000 shares; issued and outstanding - 17,851 at July 31, 2010 and 17,777 at January 31, 2010		24,351 6,604 2,584 33,539	_	6,35 3,79 32,00	
LONG-TERM LIABILITIES Long-term debt, less current maturities Deferred income taxes Other long term liabilities STOCKHOLDERS' EQUITY Common stock, par value \$.00001 per share, authorized - 25,000 shares; issued and outstanding - 17,851 at July 31, 2010 and 17,777 at January 31, 2010 Additional paid-in-capital	\$	24,351 6,604 2,584 33,539		6,3: 3,79 32,00 138,7' 51,74	

TITAN MACHINERY INC.

Consolidated Statements of Operations (in thousands, except per share data)

REVENUE

Parts

Service

Equipment

Equipment Parts

GROSS PROFIT

NET INCOME

INCOME BEFORE INCOME TAXES

PROVISION FOR INCOME TAXES

EARNINGS PER SHARE - BASIC

EARNINGS PER SHARE - DILUTED

Service

TOTAL REVENUE

Three Months Ended Six Months Ended July 31, July 31, 2009 2010 2009 2010 (Unaudited) (Unaudited) (Unaudited) (Unaudited) \$ \$ \$ 266,007 153,131 141,142 303,491 \$ 32,454 69,010 58,852 33,947 17,502 15,640 34.053 28,182 Other, including trucking and rental 5,086 3,956 8,569 6,452 209,666 193,192 415,123 359,493 COST OF REVENUE 138,342 125,452 275,143 237,752 24,184 22,939 49,370 41,476 6,970 12,941 5,586 10,186 Other, including trucking and rental 5,555 4,122 3,207 7,178 TOTAL COST OF REVENUE 173,618 157,184 344,632 294,969 36,048 36,008 70,491 64,524 OPERATING EXPENSES 29,212 26,662 59,008 51,367 INCOME FROM OPERATIONS 6.836 9,346 11,483 13,157 OTHER INCOME (EXPENSE) 34 140 207 351 Interest and other income (1,911)(3,712)(932)(1,663)Floorplan interest expense Interest expense other (358)(328)(591)(735)

TITAN MACHINERY INC.

4,601

(1,887)

2,714

0.15

0.15

\$

\$

8,226

(3,375)

4,851

0.28

0.27

\$

\$

\$

7,243

(2,970)

4,273

0.24

0.24

\$

\$

\$

11,254

(4,613)

6,641

0.38

0.37

Segment Results (in thousands)

		Three Months Ended July 31,					Six Months Ended July 31,			
	2010		2009		%Change 20		2010	2010		%Change
	(U	naudited)	(1	Unaudited)		(Unaudited)	(1	Unaudited)	
Revenues										
Agriculture	\$	181,522	\$	170,366	6.5%	\$	362,904	\$	318,695	13.9%
Construction		36,209		30,451	18.9%		68,313		55,149	23.9%
Segment revenues		217,731		200,817	8.4%		431,217		373,844	15.3%
Eliminations		(8,065)		(7,625)	(5.8)%		(16,094)		(14,351)	(12.1)%
Total	\$	209,666	\$	193,192	8.5%	\$	415,123	\$	359,493	15.5%
Income (Loss) Before Income Taxes										
Agriculture	\$	6,246	\$	10,002	(37.6)%	\$	11,038	\$	15,718	(29.8)%
Construction		(852)		(785)	(8.5)%		(2,767)		(2,735)	(1.2)%
Segment income (loss) before income taxes		5,394		9,217	(41.5)%		8,271		12,983	(36.3)%
Shared Resources		(643)		(751)	14.4%		(634)		(1,222)	48.1%
Eliminations		(150)		(240)	37.5%		(394)		(507)	22.3%
Total	\$	4,601	\$	8,226	(44.1)%	\$	7,243	\$	11,254	(35.6)%

Note: The Company reports its revenues and income (loss) before income taxes at the segment level before inter-company eliminations.