

MECHANICAL TECHNOLOGY INC  
Form SC 13D/A  
December 23, 2005

SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

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SCHEDULE 13D

Under the Securities Exchange Act of 1934  
(Amendment No. 8)

Mechanical Technology Incorporated  
(Name of Issuer)

\$1.00 Par Value Common Stock  
(Title of Class of Securities)

583538103  
(CUSIP Number)

Gordon J. Fox  
First Albany Companies Inc.  
677 Broadway  
Albany, New York 12207  
(518) 447-8500

with a copy to  
Howard Kelberg, Esq.  
Milbank, Tweed, Hadley & McCloy LLP  
One Chase Manhattan Plaza  
New York, NY 10005  
(212) 530-5000

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(Name, Address and Telephone Number of Person  
Authorized to Receive Notices and Communications)

December 22, 2005

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(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this Schedule because of Sections 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box [ ].

SCHEDULE 13D

CUSIP NO.: 583538103

- (1) NAME OF REPORTING PERSON:  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON:

First Albany Companies Inc.

- (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) [ ]

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(b) [ ]

(3) SEC USE ONLY

(4) SOURCE OF FUNDS: NA

(5) CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(d) or 2(e) [ ]

(6) CITIZENSHIP OR PLACE OF ORGANIZATION:

First Albany Companies Inc. is organized under the laws of the State of New York

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:

(7) SOLE VOTING POWER: 1,526,040

(8) SHARED VOTING POWER: 0

(9) SOLE DISPOSITIVE POWER: 1,526,040

(10) SHARED DISPOSITIVE POWER: 0

(11) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:  
1,526,040 shares of common stock

(12) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES [ ]

(13) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11): 4.9%

(14) TYPE OF REPORTING PERSON: CO

This Amendment No. 8 amends the Amendment No. 1 to the Schedule 13D filed on July 10, 2002, as further amended subsequent thereto.

SCHEDULE 13D

Item 5 Interest in Securities of the Issuer.

Item 5(a) is amended as follows:

FAC is the direct beneficial owner of 1,526,040 Shares, which represent approximately 4.9% of the outstanding shares of common stock of MTI, based on 30,913,201 shares outstanding on November 4, 2005, according to MTI's Form 10-Q filed on November 9, 2005.

Item 5(c) is amended as follows:

(c) The trading dates, number of Shares purchased and sold and price per share for all transactions in the Shares by FAC since the Amendment No. 7 to the Schedule 13D was filed on December 14, 2005 are set forth in Annex A and were all effected in broker transactions.

Item 5(e) is amended as follows:

(e) On December 22, 2005, FAC ceased to be the beneficial owner of more than five percent of the outstanding shares of common stock of MTI.

SIGNATURE

After reasonable inquiry and to the best knowledge and belief of the undersigned, the undersigned certifies that the information set forth in this Amendment No. 8 to the Schedule 13D is true, complete and correct.

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DATED: December 23, 2005

FIRST ALBANY COMPANIES INC.

By: /s/ Gordon J. Fox

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Name: Gordon J. Fox

Title: Vice President

ANNEX A

DATE OF TRANSACTION	NUMBER OF SHARES PURCHASED/(SOLD)	PRICE OF SHARES (\$)
12/21/05	(20,000)	2.79
12/22/05	(30,000)	2.78