BROOKS AUTOMATION INC Form SC 13G/A February 09, 2009

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 2)*

BROOKS AUTOMATION INC

(Name of Issuer)

Common Stock

(Title of Class of Securities)

114340102

(CUSIP Number)

December 31, 2008

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:
x Rule 13d-1(b)
"Rule 13d-1(c)
"Rule 13d-1(d)
* The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

CUSIP No. 114340102

1. Names o	of Reporting Persons.
I.R.S. Id	entification Nos. of above persons (entities only).
2. Check th	Dimensional Fund Advisors LP (Tax ID: 30-0447847) ne Appropriate Box if a Member of a Group (See Instructions)
(a) "	
(b) x	
3. SEC Use	e Only
4 Citigana	him on Diago of Organization
4. Citizens	hip or Place of Organization
	Delaware Limited Partnership 5. Sole Voting Power
Number of	
Shares	
Beneficially	5303955 **see Note 1** 6. Shared Voting Power
Owned by	-
Each	
Reporting	
Person	0 7. Sole Dispositive Power
With	
	5357286 **see Note 1** 8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

5357286 **see Note 1**

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)

N/A

11. Percent of Class Represented by Amount in Row (9)

8.43%

12. Type of Reporting Person (See Instructions)

IA

Item 1. (a) Name of Issuer **BROOKS AUTOMATION INC** Address of Issuer s Principal Executive Offices 15 Elizabeth Dr, Chelmsford, MA 01824-4111 Item 2. Name of Person Filing (a) Dimensional Fund Advisors LP Address of Principal Business Office or, if none, Residence (b) Palisades West, Building One, 6300 Bee Cave Road, Austin, Texas, 78746 Citizenship (c) Delaware Limited Partnership Title of Class of Securities Common Stock **CUSIP** Number 114340102 Item 3. If this statement is filed pursuant to §\$240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a: (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o). (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8). (e) An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E); X An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F); (f) (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G); A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813); (h) (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

Group, in accordance with §240.13d-1(b)(1)(ii)(J).

(j)

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

5357286 **see Note 1**

(b) Percent of class:

8.43%

	(c)	Number of shares as to which the person has:			
		(i)	Sole power to vote or to direct the vote:		
			5303955 **see Note 1**		
		(ii)	Shared power to vote or to direct the vote:		
		(iii)	0 Sala power to dispose or to direct the disposition of:		
		(111)	Sole power to dispose or to direct the disposition of:		
			5357286 **see Note 1**		
		(iv)	Shared power to dispose or to direct the disposition of:		
			0		
of 1940, fu investment Funds. described i Funds. Ho In addition	rnishes in t manager In its role a in this sche wever, all t, the filing	vestmento cer as invedule secur of the	Fund Advisors LP (Dimensional), an investment advisor registered under Section 203 of the Investment Advisors Act and advice to four investment companies registered under the Investment Company Act of 1940, and serves as tain other commingled group trusts and separate accounts. These investment companies, trusts and accounts are the estment advisor or manager, Dimensional possesses investment and/or voting power over the securities of the Issuer that are owned by the Funds, and may be deemed to be the beneficial owner of the shares of the Issuer held by the ities reported in this schedule are owned by the Funds. Dimensional disclaims beneficial ownership of such securities. its Schedule 13G shall not be construed as an admission that the reporting person or any of its affiliates is the curities covered by this Schedule 13G for any other purposes than Section 13(d) of the Securities Exchange Act of		
Item 5.	Ownershi	p of l	Five Percent or Less of a Class		
			iled to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than securities, check the following [].		
Item 6.	Ownershi	p of l	More than Five Percent on Behalf of Another Person.		
	from the	sale o	cribed in Note 1 above have the right to receive or the power to direct the receipt of dividends from, or the proceeds of, the securities held in their respective accounts. To the knowledge of Dimensional, the interest of any one such Fund d 5% of the class of securities. Dimensional disclaims beneficial ownership of all such securities.		
Item 7.	Identifica or Contro		and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company son.		
	N/A				
Item 8.	Identifica	tion a	and Classification of Members of the Group		
	N/A				
Item 9.	Notice of	Diss	olution of Group		

Item 10.

N/A

Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DIMENSIONAL FUND ADVISORS LP
February 9, 2009
Date
By: Dimensional Holdings Inc., General Partner
/s/ Christopher Crossan
Signature
Global Chief Compliance Officer
Title