

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

FORM S-8

**REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933**

ALLIED MOTION TECHNOLOGIES INC.

(Exact Name of Registrant as Specified in its Charter)

Colorado
(State or Other Jurisdiction of Incorporation or
Organization)

84-0518115
(I.R.S. Employer Identification No.)

**23 Inverness Way East, Suite 150
Englewood, Colorado 80112**
(Address of Principal Executive Offices, including Zip Code)

Allied Motion Technologies Inc. Employees' Stock Ownership Plan
(Full Title of the Plan)

**Richard D. Smith, Chief Executive Officer
Allied Motion Technologies Inc.
23 Inverness Way East, Suite 150
Englewood, Colorado 80112**
(Name and Address of Agent for Service)

(303) 799-8520
(Telephone Number, Including Area Code, of Agent for Service)

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
(Do not check if a smaller reporting company)

CALCULATION OF REGISTRATION FEE

Title of Securities To Be Registered	Amount To Be Registered	Proposed Maximum Offering Price Per Share (2)	Proposed Maximum Aggregate Offering Price (2)	Amount of Registration Fee (2)
Common Stock, no par value per share	300,000	\$ 2.00	\$ 600,000	\$ 23.58
(1) This Registration Statement shall also cover any additional shares if the Registrant's common stock that becomes issuable in respect of the securities identified in the above table by reason of any stock dividend, stock split, recapitalization, or other similar transaction effected without the Registrant's receipt of consideration which results in an increase in the number of outstanding shares of Registrant's common stock.				
(2) Determined in accordance with Rule 457(h)(1) and 457(c) under the Securities Act of 1933 based on the average of the high and low reported sales prices on November 28, 2008.				

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

ITEM 1. PLAN INFORMATION

Not required to be filed with this registration statement.

ITEM 2. REGISTRANT INFORMATION AND EMPLOYEE PLAN ANNUAL INFORMATION

Not required to be filed with this Registration Statement.

Information required by Part I to be contained in the Section 10(a) prospectus is omitted from the Registration Statement in accordance with Rule 428 under the Securities Act of 1933 and the Introductory Note to Part I of Form S-8.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE

The Company hereby incorporates by reference into this registration statement the following documents filed by it with the Securities and Exchange Commission:

- a) The Company's Annual Report on Form 10-K for the year ended December 31, 2007;
- b) All other reports filed pursuant to Section 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the Company's Annual Report referred to in (a) above; and
- c) The description of the common stock, no par value, of the Company contained in a registration statement filed under Section 12 of the Exchange Act, including any amendments or reports filed for the purpose of updating such description.

All reports and definitive proxy or information statements filed pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act subsequent to the filing of this registration statement and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which de-registers all securities then remaining unsold shall be deemed to be incorporated by reference into this registration statement and to be a part hereof from the date of filing such documents, except as to specific sections of such statements as set forth therein. Unless expressly incorporated into this registration statement, a report furnished on Form 8-K prior or subsequent to the date hereof shall not be incorporated by reference into this registration statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this registration statement to the extent that a statement contained in any subsequently filed document which also is deemed to be incorporated by reference herein modifies or supersedes such statement.

ITEM 4. DESCRIPTION OF SECURITIES

Not applicable.

ITEM 5. INTEREST OF NAMED EXPERTS AND COUNSEL

Not applicable.

ITEM 6. INDEMNIFICATION OF DIRECTORS AND OFFICERS

Section 7-108-402 of the Colorado Business Corporation Act provides, generally, that the articles of incorporation of a Colorado corporation may contain a provision eliminating or limiting the personal liability of a director to the corporation or its shareholders for monetary damages for breach of fiduciary duty as a director; except that any such provision may not eliminate or limit the liability of a director (i) for any breach of the director's duty of loyalty to the corporation or its shareholders, (ii) acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) acts specified in Section 7-108-403 (concerning unlawful distributions), or (iv) any transaction from which a director directly or indirectly derived an improper personal benefit. Such provision may not eliminate or limit the liability of a director for any act or omission occurring prior to the date on which such provision becomes effective. Our articles of incorporation provide eliminating a director's liability, except to the extent such exemption from liability is not permitted by the statute.

Section 7-109-103 of the Corporation Act provides that a Colorado corporation must indemnify a person (i) who is or was a director of the corporation or an individual who, while serving as a director of the corporation, is or was serving at the corporation's request as a director, officer, partner, trustee, employee or fiduciary or agent of another corporation or other entity or of any employee benefit plan (a "Director") or officer of the corporation and (ii) who was wholly successful, on the merits or otherwise, in defense of any threatened, pending, or completed action, suit, or proceeding, whether civil, criminal, administrative, or investigative and whether formal or informal (a "Proceeding"), in which he was a party, against reasonable expenses incurred by him in connection with the proceeding, unless such indemnity is limited by the corporation's articles of incorporation. Our articles of incorporation do not contain any such limitation, and provide that we must indemnify such persons satisfying the standards under this provision of the Corporation Act.

Section 7-109-102 of the Corporation Act provides, generally, that a Colorado corporation may Indemnify a person made a party to a Proceeding because the person is or was a Director against any obligation incurred with respect to a Proceeding to pay a judgment, settlement, penalty, fine (including an excise tax assessed with respect to an employee benefit plan) or reasonable expenses incurred in the Proceeding if the person conducted himself or herself in good faith and the person reasonably believed, in the case of conduct in an official capacity with the corporation, that the person's conduct was in the corporation's best interests and, in all other cases, his conduct was at least not opposed to the corporation's best interests and, with respect to any criminal proceedings, the person had no reasonable cause to believe that his conduct was unlawful. A corporation may not indemnify a Director in connection with any Proceeding by or in the right of the corporation in which the Director was adjudged liable to the corporation or, in connection with any other Proceeding charging the Director derived an improper personal benefit, whether or not involving actions in an official capacity, in which Proceeding the Director was judged liable on the basis that he derived an improper personal benefit. Any indemnification permitted in connection with a Proceeding by or in the right of

the corporation is limited to reasonable expenses incurred in connection with such Proceeding. Our bylaws require us to indemnify such individuals in the circumstances permitted by the statute.

Under Section 7-109-107 of the Corporation Act, unless otherwise provided in the articles of incorporation, a Colorado corporation may indemnify an officer, employee, fiduciary, or agent of the corporation to the same extent as a Director and may indemnify such a person who is not a Director to a greater extent, if not inconsistent with public policy and if provided for by its bylaws, general or specific action of its board of directors or shareholders, or contract. Our bylaws require us to indemnify and advance expenses to any officer of the Company or any of its subsidiaries and any general manager of any division of the Company who is not a director to the maximum extent permitted by the statute consistent with public policy, and may indemnify and advance expenses to any other officer, employee or agent of the Company who is not a director to any extent permitted by the statute consistent with public policy as determined by the Board of Directors.

We have also entered into indemnification agreements with our directors to indemnify them and to advance expenses to the fullest extent permitted by law. In addition, the agreement provides that no

claim or cause of action may be asserted by us against such director after the date the director ceases to be a director or after one year. We have also agreed to maintain directors' and officers' liability insurance, subject to certain limitations.

The above discussion of our articles of incorporation, bylaws, the CBCA and the indemnification agreements is only a summary and is qualified in its entirety by the full text of each of the foregoing.

ITEM 7. EXEMPTION FROM REGISTRATION CLAIMED

Not applicable

ITEM 8. EXHIBITS

The following exhibits are filed pursuant to Item 601 of Regulation S-K:

EXHIBIT INDEX

Exhibit Number	Description
5	Opinion of Jaeckle Fleischmann & Mugel, LLP as to the legality of the securities being registered (filed herewith).
23.1	Consent of Ehrhardt Keefe Steiner Hottman PC (filed herewith).
23.2	Consent of Jaeckle Fleischmann & Mugel, LLP (included in Exhibit 5).
24	Power of Attorney (included on signature page).

ITEM 9. UNDERTAKINGS

The Company hereby undertakes:

1. To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933, as amended (the "*Securities Act*");
 - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high and of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "*Calculation of Registration Fee*" table in the effective registration statement;

- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

provided, however, that clauses (1)(i) and (1)(ii) shall not apply if the information required to be included in a post-effective amendment by those clauses is contained in periodic reports filed with or furnished to the Commission by the Company pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in this registration statement.

2. That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

[JAECKLE FLEISCHMANN & MUGEL, LLP LETTERHEAD]

December 3, 2008

Allied Motion Technologies Inc.
23 Inverness Way East, Suite 150
Englewood, Colorado 80112

Attn: Board of Directors

Re:
Registration Statement on Form S-8
Allied Motion Technologies Inc.
Employees' Stock Ownership Plan

Gentlemen:

We have acted as special counsel for Allied Motion Technologies Inc. (the "Company") in connection with the preparation, execution and filing of a Registration Statement under the Securities Act of 1933 (the "Act") on Form S-8 relating to the registration of 300,000 shares of Allied Motion Technologies Inc. Common Stock, no par value ("Common Stock"), which may be issued to participants in the Allied Motion Technologies Inc. Employees' Stock Ownership Plan, as amended (the "Plan").

In connection with the opinion expressed below, we have made such factual inquiries and have examined or caused to be examined such questions of law as we have considered necessary or appropriate for the purpose of such opinion. On the basis of such inquiries and examinations, it is our opinion that any newly issued shares of Common Stock purchased from the Company pursuant to the Plan, when paid for as contemplated by the Plan, will be duly authorized, validly issued, fully paid and non-assessable.

In giving this consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules of the Securities and Exchange Commission thereunder. We consent to the filing of this opinion as an exhibit to the Registration Statement referred to above.

Very truly yours,

/s/ JAECKLE FLEISCHMANN & MUGEL, LLP

Consent of Independent Registered Public Accounting Firm

The Board of Directors of
Allied Motion Technologies Inc. and Subsidiaries:

We consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 14, 2008 with respect to the consolidated balance sheets of Allied Motion Technologies Inc. and subsidiaries as of December 31, 2007 and 2006, and the related consolidated statements of operations, stockholders' investment and comprehensive income, and cash flows for each of the years then ended.

December 3, 2008
Denver, Colorado

/s/ Ehrhardt Keefe Steiner Hottman PC
