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

FORM S-3

Registration Statement Under The Securities Act of 1933

DYNAMIC MATERIALS CORPORATION

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

84-0608431
(I.R.S. Employer Identification No.)

**5405 Spine Road
Boulder, Colorado 80301
(303) 665-5700**
(Address, including zip code and telephone number, including area code, of registrant's principal executive office)

**Richard A. Santa
Senior Vice President and Chief Financial Officer
5405 Spine Road
Boulder, Colorado 80301
(303) 665-5700**
(Name, address, including zip code and telephone number, including area code, of agent for service)

With a copy to:

Garth B. Jensen, Esq.
Holme Roberts & Owen LLP
1700 Lincoln Street, Suite 4100
Denver, Colorado 80203
(303) 861-7000

APPROXIMATE DATE OF COMMENCEMENT OF PROPOSED SALE TO THE PUBLIC: From time to time after the effective date of this Registration Statement, as determined by market conditions.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, please check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, check the following box and list the Securities Act registration statement number of earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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 "larger accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12-b2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer
(Do not check if a smaller reporting company)

Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered (1)	Amount of Registration Fee (1)
Dynamic Materials Corporation		
Common Stock, par value \$0.05 per share		
Preferred Stock, par value \$0.05 per share		

(1) An unspecified aggregate initial offering price and number of the securities of each identified class is being registered as may from time to time be offered at unspecified prices. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities. In accordance with Rules 456(b) and 457(r), DMC is deferring payment of all of the registration fee. In connection with the securities offered hereby, DMC will pay "pay-as-you-go registration fees" in accordance with Rule 456(b) and 457(r).



DYNAMIC MATERIALS CORPORATION

The following are types of securities that we may offer, issue and sell from time to time, together or separately:

- shares of our common stock; and
- shares of our preferred stock.

This prospectus describes some of the general terms that may apply to these securities. The specific terms of any securities to be offered will be described in supplements to this prospectus. The prospectus supplements may also add, update, or change information contained in this prospectus. This prospectus may not be used to offer and sell securities unless accompanied by a prospectus supplement. You should read this prospectus and the applicable prospectus supplement carefully before you make your investment decision.

We may offer and sell these securities through one or more underwriters, dealers and agents, through underwriting syndicates managed or co-managed by one or more underwriters, or directly to purchasers, on a continuous or delayed basis.

To the extent that any selling securityholder resells any securities, the selling securityholder may be required to provide you with this prospectus and a prospectus supplement identifying and containing specific information about the selling securityholder and the terms of the securities being offered.

Our common stock, par value \$0.05 per share, trades on the Nasdaq National Market under the symbol "BOOM." We may offer the securities in amounts, at prices and on terms determined at the time of offering. We may sell the securities directly to you, through agents we select, or through underwriters and dealers we select. If we use agents, underwriters or dealers to sell the securities, we will name them and describe their compensation in a prospectus supplement.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is April 14, 2008

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DYNAMIC MATERIALS CORPORATION

Dynamic Materials Corporation, or DMC, is a leading provider of explosion-welded clad metal plates. Explosion-weld cladding uses an explosive charge to bond together plates of different metals that do not bond easily with traditional welding techniques. We also provide products used in oil and gas fields for exploration and recovery of oil and gas. These products relate primarily to oil and gas well perforation which is a process of punching holes in the casing of a well to enable easier and more precise recovery of oil or gas from a targeted formation.

Our principal executive offices are at 5405 Spine Road, Boulder, Colorado 80301 and our telephone number is (303) 665-5700. Additional information about us can

be obtained on the investor relations section of our website. Our website is www.dynamicmaterials.com, although the information on our website is not incorporated into this prospectus.

You can obtain additional information about us in the reports and other documents incorporated by reference in this prospectus. See “Where You Can Find More Information” and “Incorporation of Certain Documents by Reference.”

USE OF PROCEEDS

Except as may otherwise be described in the prospectus supplement relating to an offering of securities, we will use the net proceeds from the sale of the securities offered under this prospectus and the prospectus supplement for general corporate purposes. We will determine any specific allocation of the net proceeds of an offering of securities to a specific purpose at the time of the offering and will describe the allocation in the related prospectus supplement.

DESCRIPTION OF COMMON STOCK

DMC has authorized 25,000,000 shares of common stock. At April 13, 2008, we had 12,604,768 shares outstanding.

DESCRIPTION OF PREFERRED STOCK

DMC has authorized 4,000,000 shares of preferred stock, none of which were outstanding as of April 14, 2008. Shares of preferred stock may be issued in one or more series, as authorized by our board of directors with any rights and restrictions that are specified by our board of directors and permitted by Delaware law. When our board of directors specifies the terms of the preferred stock, the terms will be set forth in a certificate of designations to be filed with the secretary of state of Delaware.

LEGAL MATTERS

The validity of the common stock and the preferred stock will be passed on for DMC by Holme Roberts & Owen LLP, Denver, Colorado.

EXPERTS

The consolidated financial statements of Dynamic Materials Corporation appearing in Dynamic Material Corporation’s Annual Report (Form 10-K) for the year ended December 31, 2007 (including schedules appearing therein), have been audited by Ernst & Young LLP, independent registered public accounting firm, as set forth in their reports thereon included therein, and incorporated herein by reference. Such financial statements are, and audited financial statements to be included in subsequently filed documents will be, incorporated herein in reliance upon the reports of Ernst & Young LLP pertaining to such financial statements (to the extent covered by consents filed with the Securities and Exchange Commission) given on the authority of such firm as experts in accounting and auditing.

The combined balance sheets of DYNAenergetics GmbH & Co. KG and DYNAenergetics Beteiligungs-GmbH, as of September 30, 2006 and 2007, and the related combined statements of operations, equity attributable to the group and cash flows for the years then ended have been audited by MAZARS GmbH, independent registered public accounting firm, as set forth in their reports thereon included therein, and incorporated herein by reference. Such

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financial statements are incorporated herein in reliance upon the reports of MAZARS GmbH pertaining to such financial statements given on the authority of such firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission under the Securities Exchange Act of 1934. You may read and copy this information at the SEC’s Public Reference Room at 100 F. Street, N.E., Washington D.C. 20549. You may obtain information on the operation of the Public Reference Room by calling the SEC at (800) SEC-0330. The SEC also maintains an Internet world wide web site that contains reports, proxy statements and other information about issuers, like DMC, that file electronically with the SEC. The address of that site is <http://www.sec.gov>. Our SEC filings are also available through The Nasdaq Stock Market, on which our common stock is listed, at 100 Liberty Plaza, 165 Broadway, New York, NY 10006.

We have filed with the SEC a registration statement on Form S-3 that registers the securities we are offering. The registration statement, including the attached exhibits and schedules, contains additional relevant information about us and our securities. The rules and regulations of the SEC allow us to omit certain information included in the registration statement from this prospectus.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” information into this prospectus. This means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, except for any information that is superseded by information that is included directly in this document.

This prospectus includes by reference the documents listed below that we have previously filed with the SEC and that are not included in or delivered with this document. They contain important information about our company and its financial condition.

Filing	Period
Annual Report on Form 10-K	Year ended December 31, 2007
Current Report on Form 8-K	Filed January 15, 2008
Current Report on Form 8-K/A	Filed January 28, 2008

All documents filed by us pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of this prospectus and prior to the termination of this offering shall be deemed to be incorporated by reference herein and to be a part of this prospectus from the date of filing of such documents. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus. SEC rules and regulations also permit us to “furnish” rather than “file” certain reports and information with the SEC. Any such reports or information which we have “furnished” shall not be deemed to be incorporated by reference into or otherwise become a part of this prospectus, regardless of when furnished to the SEC.

You can obtain any of the documents incorporated by reference in this document from us without charge, excluding any exhibits to those documents unless the exhibit is specifically incorporated by reference as an exhibit to this prospectus. You can obtain documents incorporated by reference in this prospectus by requesting them in writing or by telephone from us at the following address:

Dynamic Materials Corporation
Attn: Investor Relations
5405 Spine Road
Boulder, Colorado 80301
(303) 665-5700

Additional information about us can be obtained on the investor relations section of our website. Our website is www.dynamicmaterials.com, although the information on our website is not incorporated into this prospectus.

We have not authorized anyone to give any information or make any representation about us that is different from, or in addition to, that contained in this prospectus or in any of the materials that we have incorporated by reference into this document. Therefore, if anyone does give you information of this sort, you should keep in mind that such information has not been authorized and may therefore not be accurate. If you are in a jurisdiction where offers to sell, or solicitations of offers to purchase, the securities offered by this document are unlawful, or if you are a person to whom it is unlawful to direct these types of activities, then the offer presented in this document does not extend to you.

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Dynamic Materials Corporation

The following are types of securities that we may offer and sell under this prospectus:

- common stock; and
- preferred stock.

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth all expenses payable by DMC in connection with the issuance and distribution of the securities, other than underwriting discounts and commissions. DMC will bear all of such expenses. All the amounts shown are estimates, except the registration fee.

Registration Fee	\$	*
Fees and expenses of accountants		10,000
Fees and expenses of counsel to DMC		10,000
Printing and engraving		1,000
Miscellaneous		4,000
Total	\$	<u>25,000</u>

*DMC is deferring payment of the registration fee pursuant to Rules 456(b) and 457(r).

Item 15. Indemnification of Directors and Officers.

Section 145 of the General Corporation Law of the State of Delaware provides for indemnification of our directors and officers in a variety of circumstances, which may include liabilities under the Securities Act of 1933. We maintain liability insurance protecting us, as well as our directors and officers, against liability by reason of their being or having been directors or officers.

Our Certificate of Incorporation provides for the elimination of liability for monetary damages for breach of the directors' fiduciary duty of care to the company and our stockholders. These provisions do not eliminate the directors' duty of care and, in appropriate circumstances, equitable remedies such as injunctive or other forms of non-monetary relief will remain available under Delaware law. In addition, each director will continue to be subject to liability for breach of the director's duty of loyalty, for acts or omissions not in good faith or involving intentional misconduct, for knowing violations of law, for any transaction from which the director derived an improper personal benefit, and for payment of dividends or approval of stock repurchases or redemptions that are unlawful under Delaware law. The provision does not affect a director's responsibilities under any other laws, such as the federal securities laws or state or federal environmental laws.

Article XI of our bylaws provides that we shall indemnify our directors and executive officers to the fullest extent not prohibited by Delaware law.

In addition, we have entered into indemnification agreements with each of our directors and officers under which we have indemnified each of them against expenses and losses incurred for claims brought against them by reason of their being one of our directors or officers, and we maintain directors' and officers' liability insurance.

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Item 16. Exhibits.

Exhibit No.	Description
1.1*	Form of Underwriting Agreement.
4.1	Certificate of Incorporation of the Company (incorporated by reference to the Company's Quarterly Report on Form 10-Q/A for the quarter ended March 31, 2004).

- 4.2 Bylaws of the Company (incorporated by reference to the Company's Quarterly Report on Form 10-Q/A for the quarter ended March 31, 2004).
- 4.3 Form of Certificate representing shares of Common Stock of the Company (incorporated by reference from the Company's Quarterly Report on Form 10-QSB for the quarter ended September 30, 1997).
- 5.1 Opinion of Holme Roberts & Owen LLP.
- 23.1 Consent of Ernst & Young LLP, Independent Auditors.
- 23.2 Consent of MAZARS GmbH, Independent Auditors.
- 23.3 Consent of Holme Roberts & Owen LLP (included in Exhibit 5.1).
- 24.1 Power of Attorney (included on signature page).

* DMC will file any underwriting agreement that it may enter into as an exhibit to a Current Report on Form 8-K which is incorporated by reference into this registration statement.

Item 17. Undertakings.

(a) DMC 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;

(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 end 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 a 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 (A) paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply if the registration statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by DMC pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement; and (B) paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) of this section do not apply if the registration statement is on Form S-3 or Form F-3 and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by DMC pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the 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.

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(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) (A) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(B) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date; or

(ii) If the registrant is subject to Rule 430C, each prospectus filed pursuant to Rule 424(b) as part of a registration statement relating to an offering, other than registration statements relying on Rule 430B or other than prospectuses filed in reliance on Rule 430A, shall be deemed to be part of and included in the registration statement as of the date it is first used after effectiveness. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such first use, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such date of first use.

(6) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities:

The undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) DMC hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of DMC's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act that is incorporated by reference in the registration statement 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.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers

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and controlling persons of DMC pursuant to the foregoing provisions, or otherwise, DMC has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, DMC will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Boulder, State of Colorado, on the 14th day of April, 2008.

DYNAMIC MATERIALS CORPORATION

By: /s/ Yvon Pierre Cariou
Yvon Pierre Cariou
President and Chief Executive Officer

POWER OF ATTORNEY

The undersigned do hereby constitute and appoint Yvon Cariou and Richard A. Santa, or either of them, our true and lawful attorneys and agents, to sign for us or any of us in our names and in the capacities indicated below, any and all amendments (including post-effective amendments) to this Registration Statement and to file the same, with all exhibits thereto and other documents required in connection therewith, and to do any and all acts and things in our names and in the capacities indicated below, which said attorneys and agents, or either of them, may deem necessary or advisable to enable said corporation to comply with the Securities Act, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement; and we do hereby ratify and confirm all that the said attorneys and agents, or either of them, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities indicated and on the date indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Yvon Pierre Cariou</u> Yvon Pierre Cariou	President and Chief Executive Officer <i>(Principal Executive Officer)</i>	April 14, 2008
<u>/s/ Richard A. Santa</u> Richard A. Santa	Senior Vice President and Chief Financial Officer <i>(Principal Financial and Accounting Officer)</i>	April 14, 2008
<u>/s/ Dean K. Allen</u> Dean K. Allen	Chairman and Director	April 9, 2008

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<u>/s/ Richard P. Graff</u> Richard P. Graff	Director	April 10, 2008
<u>/s/ Bernard Hueber</u> Bernard Hueber	Director	April 10, 2008
<u>/s/ Gerard Munera</u> Gerard Munera	Director	April 14, 2008

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[LETTERHEAD OF HOLME ROBERTS & OWEN LLP]

April 14, 2008

Dynamic Materials Corporation
5405 Spine Road
Boulder, Colorado 80301

Re: Dynamic Materials Corporation Form S-3 Registration Statement

Ladies and Gentlemen:

We have acted as counsel to Dynamic Materials Corporation, a Delaware corporation (the "Company"), in connection with the Company's Registration Statement on Form S-3 (the "Registration Statement") and related prospectus (the "Prospectus") filed with the Securities and Exchange Commission (the "SEC") under the Securities Act of 1933 (as amended, the "Act"), to be filed on or about April 11, 2008. The Registration Statement covers the sale of an indeterminate number of shares of common stock of the Company, \$0.05 par value per share (the "Common Stock"), and the sale of an indeterminate number of shares of preferred stock of the Company, \$0.05 par value per share (the "Preferred Stock").

This opinion is being furnished in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Act.

All capitalized terms which are not defined herein shall have the meanings assigned to them in the Registration Statement.

In connection with this opinion, we have examined the following documents:

- (1) the Company's Registration Statement and related prospectus to be filed by the Company with the SEC on the date hereof;
- (2) the Certificate of Incorporation of the Company, as amended to date (the "Certificate");
- (3) the Bylaws of the Company, as amended to date (the "Bylaws");
- (4) such records of the corporate proceedings of the Company that we have considered necessary or appropriate for the purpose of rendering this opinion, including actions taken by the Company's Board of Directors in connection with the authorization of the Common Stock, the Preferred Stock, the filing of the Registration Statement and related matters;
- (5) such other certificates and assurances from public officials, officers and representatives of the Company that we considered necessary or appropriate for the purpose of rendering this opinion; and
- (6) such other documents that we considered necessary or appropriate for the purpose of rendering this opinion.

In rendering this opinion, we have assumed, without independent investigation or inquiry, the legal capacity of all natural persons executing documents, the genuineness of all signatures on all original documents or certified copies, the authenticity of all documents submitted to us as originals or certified copies, and the conformity to original documents of all documents submitted to us as conformed or reproduction copies. We have relied as to factual matters upon, and have assumed the accuracy of, the statements made in a certificate of an officer of the

Company delivered to us and the certificates and other statements or information of or from public officials and officers and representatives of the Company.

With respect to our opinion as to the Common Stock, we have assumed that, at the time of issuance, sale and delivery, a sufficient number of shares of Common Stock are authorized and available for issuance and that the consideration for the issuance and sale of the Common Stock is in an amount that is not less than the par value of the Common Stock.

With respect to our opinion as to the Preferred Stock, we have assumed that, at the time of issuance, sale and delivery, a sufficient number of shares of Preferred Stock are authorized, designated and available for issuance and that the consideration for the issuance and sale of the Preferred Stock is in an amount that is not less than the par value of the Preferred Stock.

Based on the foregoing and the limitations, qualifications, exceptions and assumptions set forth herein, we are of the opinion that:

(1) With respect to the Common Stock offered under the Registration Statement, provided that at the time of issuance, sale and delivery of the Common Stock (i) the Registration Statement and any required post-effective amendment thereto have all become effective under the Securities Act and no stop order has been issued by the SEC relating to the Registration Statement, and the Prospectus and any and all prospectus supplement(s) required by applicable laws, rules and regulations have been delivered and filed in compliance with and as required by such laws, rules and regulations; (ii) the Board of Directors of the Company has duly adopted in accordance with the Certificate and Bylaws and the DGCL (as defined below) final resolutions authorizing the terms of and the issuance and sale of the Common Stock as contemplated by the Registration Statement and such resolutions have not been modified or rescinded; (iii) the terms of the shares of Common Stock and the issuance and sale of the Common Stock do not violate any applicable law, are in conformity with the Certificate and Bylaws, do not result in a default under or breach of any agreement or instrument binding upon the Company and comply with any applicable requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (iv) the Certificate shall not have been modified or amended in any respect that would affect this opinion and will be in full force and effect; (v) the Common Stock has been issued as provided in the resolutions of the Board of Directors of the Company described in clause (ii) above, and (vi) the certificates for the Common Stock have been duly executed by the Company, countersigned by the transfer agent therefor and duly delivered to the purchasers thereof against payment of the agreed consideration therefor as described in the Registration Statement and in accordance with the terms of any purchase, underwriting or similar agreement, if any, then the Common Stock, when issued and sold as contemplated in the Registration Statement, the Prospectus and the related prospectus supplement(s) and in accordance with any applicable duly authorized, executed and delivered purchase, underwriting or similar agreement, will be duly authorized, validly issued, fully paid and nonassessable.

(2) With respect to the Preferred Stock offered under the Registration Statement, provided that at the time of issuance, sale and delivery of the Preferred Stock (i) the Registration Statement and any required post-effective amendment thereto have all become effective under the Securities Act and no stop order has been issued by the SEC relating to the Registration Statement, and the Prospectus and any and all prospectus supplement(s) required by applicable laws, rules and regulations have been delivered and filed in compliance with and as required by such laws, rules and regulations; (ii) the Board of Directors of the Company has duly adopted in accordance with the Certificate, the Bylaws and the DGCL final resolutions authorizing the terms of and the issuance and sale of the Preferred Stock as contemplated by the Registration Statement and such resolutions have not been modified or rescinded; (iii) the terms of the shares of Preferred Stock and the issuance and sale of the Preferred Stock do not violate any applicable law, are in conformity with the Certificate and Bylaws, do not result in a default under or breach of any agreement or instrument binding upon the Company and comply with any applicable requirement or restriction imposed by any court or governmental body having jurisdiction over the Company; (iv) the Certificate shall not have

been modified or amended in any respect that would affect this opinion and will be in full force and effect; (v) the Preferred Stock has been issued as provided in the resolutions of the Board of Directors of the Company described in clause (ii) above, and (vi) the certificates for the Preferred Stock have been duly executed by the Company, countersigned by the transfer agent therefor and duly delivered to the purchasers thereof against payment of the agreed consideration therefor as described in the Registration Statement and in accordance with the terms of any purchase, underwriting or similar agreement, if any, then the Preferred Stock, when issued and sold as

contemplated in the Registration Statement, the Prospectus and the related prospectus supplement(s) and in accordance with any applicable duly authorized, executed and delivered purchase, underwriting or similar agreement, will be duly authorized, validly issued, fully paid and nonassessable.

The opinions expressed herein are limited to the federal laws of the United States of America and the Delaware General Corporation Law (including the statutory provisions and all applicable provisions of the Delaware Constitution and reported judicial decisions implementing these laws) (the "DGCL").

This opinion may be filed as an exhibit to the Registration Statement. Consent is also given to the reference to this firm under the caption "Legal Matters" in the prospectus contained in the Registration Statement. In giving this consent, we do not admit we are included in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the SEC promulgated thereunder.

We do not express an opinion on any matters other than those expressly set forth in this letter. The opinions expressed herein are rendered as of the date hereof. We do not undertake to advise you of matters that may come to our attention subsequent to the date hereof and that may affect the opinions expressed herein, including without limitation, future changes in applicable law. This letter is our opinion as to certain legal conclusions as specifically set forth herein and is not and should not be deemed to be a representation or opinion as to any factual matters. The opinions expressed herein may not be quoted in whole or in part or otherwise used or referred to in connection with any other transactions.

Very truly yours,

/s/ HOLME ROBERTS & OWEN LLP

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the reference to our firm under the caption "Experts" in this Registration Statement (Form S-3) and related Prospectus of Dynamic Materials Corporation for the registration of shares of its common stock and preferred stock and to the incorporation by reference therein of our reports dated March 13, 2008, with respect to the consolidated financial statements and schedules of Dynamic Materials Corporation, and the effectiveness of internal control over financial reporting of Dynamic Materials Corporation, included in its Annual Report (Form 10-K) for the year ended December 31, 2007, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

April 11, 2008
Denver, CO

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statements of Dynamic Materials Corporation on Form S-3 to be filed on or around April 14, 2008, of our report, dated January 25, 2008, on the audit of the combined balance sheets of DYNAenergetics GmbH & Co. KG and DYNAenergetics Beteiligungs-GmbH, as of September 30, 2006 and 2007, and the related combined statements of operations, equity attributable to the group and cash flows for the years then ended.

MAZARS GmbH
Wirtschaftsprüfungsgesellschaft
Düsseldorf/Germany

/s/ Alexander Karthaus
Alexander Karthaus
CPA

April 14, 2008
