

CORE MOLDING TECHNOLOGIES INC

Form 10-K

April 01, 2009

Table of Contents

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
FORM 10-K**

(Mark One)

**ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2008

OR

**TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES
EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

**Commission file number 001-12505
CORE MOLDING TECHNOLOGIES, INC.
(Exact name of registrant as specified in its charter)**

Delaware 31-1481870
(State or other jurisdiction of incorporation or (I.R.S. Employer Identification No.)
organization)

800 Manor Park Drive, P.O. Box 28183, Columbus, 43228 - 0183
Ohio
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (614) 870-5000
Securities registered pursuant to Section 12(b) of the Act:

| | |
|---|---|
| Title of each class | Name of each exchange on which registered |
| Common Stock, par value \$.01 | NYSE Alternext US |
| Securities registered pursuant to Section 12(g) of the Act: | |
| None | |
| (Title of class) | |

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

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):

Non-accelerated filer Smaller reporting company

Large Accelerated filer
accelerated filer

(Do not check if a smaller reporting company)

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No
As of June 30, 2008, the aggregate market value of the registrant's voting and non-voting common equity held by non-affiliates of the registrant was approximately \$43,202,009, based upon the closing sale price of \$7.10 on the NYSE AMEX (formerly the American Stock Exchange) on June 30, 2008, the last business day of registrant's most recently completed second fiscal quarter. As of the close of business on March 27, 2009, the number of shares of registrant's Common Stock outstanding was 6,850,896.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's 2009 definitive Proxy Statement to be filed with the Securities and Exchange Commission no later than 120 days after the end of the registrant's fiscal year are incorporated herein by reference in Part III of this Form 10-K.

**CORE MOLDING TECHNOLOGIES, INC AND SUBSIDIARIES
TABLE OF CONTENTS**

| | |
|--|----|
| Defined Terms | |
| <u>Part I</u> | |
| <u>Item 1. Business</u> | 3 |
| <u>Item 1A. Risk Factors</u> | 10 |
| <u>Item 1B. Unresolved Staff Comments</u> | 14 |
| <u>Item 2. Properties</u> | 15 |
| <u>Item 3. Legal Proceedings</u> | 16 |
| <u>Item 4. Submission of Matters to a Vote of Security Holders</u> | 16 |
| <u>Part II</u> | |
| <u>Item 5. Market for the Registrant's Common Equity, Related Stockholder Matters, and Issuer Purchases of Equity Securities</u> | 17 |
| <u>Item 6. Selected Financial Data</u> | 18 |
| <u>Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations</u> | 19 |
| <u>Item 7A. Quantitative and Qualitative Disclosures About Market Risk</u> | 26 |
| <u>Item 8. Financial Statements and Supplementary Data</u> | 28 |
| <u>Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosure</u> | 51 |
| <u>Item 9A(T). Controls and Procedures</u> | 51 |
| <u>Item 9B. Other Information</u> | 51 |
| <u>Part III</u> | |
| <u>Item 10. Directors, Executive Officers, and Corporate Governance</u> | 52 |
| <u>Item 11. Executive Compensation</u> | 52 |
| <u>Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters</u> | 52 |
| <u>Item 13. Certain Relationships, Related Transactions, and Director Independence</u> | 52 |
| <u>Item 14. Principal Accounting Fees and Services</u> | 52 |
| <u>Part IV</u> | |
| <u>Item 15. Exhibits and Financial Statement Schedules</u> | 53 |
| <u>Signatures</u> | 54 |
| <u>Exhibit Index</u> | 56 |
| <u>EX-10(d)</u> | |
| <u>EX-10.(i)(1)</u> | |
| <u>EX-23</u> | |
| <u>EX-24</u> | |
| <u>EX-31(a)</u> | |
| <u>EX-31(b)</u> | |
| <u>EX-32(a)</u> | |
| <u>EX-32(b)</u> | |

Table of Contents

PART I

ITEM 1. BUSINESS

HISTORICAL DEVELOPMENT OF BUSINESS OF CORE MOLDING TECHNOLOGIES, INC.

In 1996, RYMAC Mortgage Investment Corporation (RYMAC) incorporated Core Molding Technologies, Inc. (Core Molding Technologies or the Company), formerly known as Core Materials Corporation before changing its name on August 28, 2002, for the purpose of acquiring the Columbus Plastics unit of Navistar, Inc. (Navistar) formerly known as International Truck & Engine Corporation. On December 31, 1996, RYMAC merged with the Company with the result being that the Company was the surviving entity. Immediately after the merger, the Company acquired substantially all the assets and liabilities of the Columbus Plastics unit from Navistar in return for a secured note, which has been repaid, and 4,264,000 shares of newly issued common stock of the Company. On July 18, 2007, the Company entered into a stock repurchase agreement with Navistar, pursuant to which the Company repurchased 3,600,000 shares of the Company s common stock, from Navistar. Navistar currently owns 664,000 shares (9.8%) of the outstanding stock of the Company.

In the first quarter of 1998, the Company opened a second compression molding plant located in Gaffney, South Carolina as part of the Company s growth strategy to expand its customer base. This facility provided the Company with additional capacity and a strategic geographic location to serve both current and prospective customers.

In October 2001, the Company incorporated Core Composites Corporation as a wholly owned subsidiary under the laws of the State of Delaware. This entity was established for the purpose of holding and establishing operations for Airshield Corporation s assets, which the Company acquired on October 16, 2001 (the Airshield Asset Acquisition) as part of the Company s diversified growth strategy. Airshield Corporation was a privately held manufacturer and marketer of fiberglass reinforced plastic parts primarily for the truck and automotive aftermarket industries. The Company purchased substantially all the assets of Airshield Corporation through the United States Bankruptcy Court as Airshield Corporation had been operating under Chapter 11 bankruptcy protection since March 2001.

In conjunction with establishment of operations for the assets acquired in the Airshield Asset Acquisition, the Company established a Mexican subsidiary and leases a production facility in Mexico. In October 2001, the Company (5% owner) and Core Composites Corporation (95% owner) incorporated Corecomposites de Mexico, S. de R.L. de C.V. (Corecomposites) in Matamoros, Mexico. Corecomposites was organized to operate under a maquiladora program whereby substantially all products produced are exported back to Core Composites Corporation which sells such product to United States based external customers. In August of 2008, the Company entered into a construction agreement to begin building a new 437,000 square foot production facility in Matamoros, Mexico that will replace its leased facility. Occupancy is expected during the second quarter of 2009.

In September 2004, the Company formed Core Automotive Technologies, LLC (Core Automotive), a Delaware limited liability company and wholly owned subsidiary of the Company. This entity was formed for the purpose of establishing operations and holding assets acquired from Keystone Restyling, Inc., which the Company acquired as part of its diversified growth strategy in September, 2004. Keystone Restyling, Inc. was a privately held manufacturer and marketer of fiberglass reinforced plastic parts primarily for the automotive and light truck aftermarket industries. The Company s facility in Matamoros, Mexico provides manufacturing services for Core Automotive Technologies. In August 2005, the Company formed Core Composites Cincinnati, LLC (Core Composites Cincinnati), a Delaware limited liability company and wholly owned subsidiary of the Company. This entity was formed for the purpose of establishing operations and holding assets acquired from the Cincinnati Fiberglass Division of Diversified Glass Inc., which the Company acquired in August, 2005. The Cincinnati Fiberglass Division of Diversified Glass, Inc. was a privately held manufacturer and distributor of fiberglass reinforced plastic components supplied primarily to the heavy-duty truck market. As a result of this acquisition, the Company has leased a manufacturing facility in Batavia, Ohio.

Table of Contents

DESCRIPTION OF BUSINESS OF CORE MOLDING TECHNOLOGIES, INC.

Certain statements under this caption of this Annual Report on Form 10-K constitute forward-looking statements within the meaning of the federal securities laws. As a general matter, forward-looking statements are those focused upon future plans, objectives or performance as opposed to historical items and include statements of anticipated events or trends and expectations and beliefs relating to matters not historical in nature. Such forward-looking statements involve known and unknown risks and are subject to uncertainties and factors relating to Core Molding Technologies operations and business environment, all of which are difficult to predict and many of which are beyond Core Molding Technologies control. These uncertainties and factors could cause Core Molding Technologies actual results to differ materially from those matters expressed in or implied by such forward-looking statements. Core Molding Technologies believes that the following factors, among others, could affect its future performance and cause actual results to differ materially from those expressed or implied by forward-looking statements made in this report: business conditions in the plastics, transportation, watercraft and commercial product industries, federal and state regulations (including engine emission regulations); general economic conditions in the countries in which Core Molding Technologies operates; dependence upon two major customers as the primary source of Core Molding Technologies sales revenues; recent efforts of Core Molding Technologies to expand its customer base; failure of Core Molding Technologies suppliers to perform their contractual obligations; the availability of raw materials; inflationary pressures; new technologies; competitive and regulatory matters; labor relations; the loss or inability of Core Molding Technologies to attract and retain key personnel; changes to federal, state and local environmental laws and regulations; the availability of capital; the ability of Core Molding Technologies to provide on-time delivery to customers, which may require additional shipping expenses to ensure on-time delivery or otherwise result in late fees; risk of cancellation or rescheduling of orders; inefficiencies related to the transfer and start up of Core Molding Technologies new Matamoros production facility; management's decision to pursue new products or businesses which involve additional costs, risks or capital expenditures; and other risks identified from time-to-time in Core Molding Technologies other public documents on file with the Securities and Exchange Commission, including those described in Item 1A of this Annual Report on Form 10-K.

Core Molding Technologies and its subsidiaries operate in the plastics market in a family of products known as reinforced plastics. Reinforced plastics are combinations of resins and reinforcing fibers (typically glass or carbon) that are molded to shape. Core Molding Technologies operates four manufacturing facilities in Columbus, Ohio; Batavia, Ohio; Gaffney, South Carolina; and Matamoros, Mexico. The Columbus and Gaffney facilities produce reinforced plastics by compression molding sheet molding compound (SMC) in a closed mold process. Compression molding production will also be added to Matamoros, Mexico in 2009 upon completion of the Company's new manufacturing facility. The Matamoros facility also utilizes spray-up and hand lay-up open mold processes and resin transfer (RTM) closed molding utilizing the vacuum infusion process to produce reinforced plastic products. The Batavia facility produces reinforced plastic products by a spray-up open mold process and resin transfer molding (RTM) closed mold process utilizing multiple insert tooling (MIT). Core Molding Technologies also sells reinforced plastic products in the automotive-aftermarket industry as Core Automotive Technologies, doing business as Keystone Restyling Products.

Reinforced plastics compete largely against metals and have the strength to function well during prolonged use. Management believes that reinforced plastic components offer many advantages over metals, including:

- heat resistance
- corrosion resistance
- lighter weight
- lower cost
- greater flexibility in product design

part consolidation for multiple piece assemblies

lower initial tooling costs for lower volume applications

high strength-to-weight ratio

dent-resistance in comparison to steel or aluminum.

The largest markets for reinforced plastics are transportation (automotive and truck), construction, marine, and industrial applications. The Company currently has four manufacturing facilities producing reinforced plastic products. Our manufacturing facilities utilize various production processes; however, end products are similar and are not unique to a facility or customer base. Operating decision makers (officers of the Company) are headquartered in Columbus, Ohio and oversee all manufacturing operations for all products as well as oversee customer relationships with all customers. The

Table of Contents

Company's two major customers are Navistar and PACCAR, Inc. (PACCAR), which are supplied reinforced plastic products for medium and heavy-duty trucks. The Company also supplies reinforced plastic products to other truck manufacturers, to automotive suppliers, to manufacturers of personal watercraft and other commercial products, and to wholesale distributors and other end users of automotive aftermarket products. In general, product growth and diversification are achieved in several different ways: (1) resourcing of existing reinforced plastic product from another supplier by an original equipment manufacturer (OEM); (2) obtaining new reinforced plastic products through a selection process in which an OEM solicits bids; (3) successful marketing of reinforced plastic products for previously non-reinforced plastic applications; (4) successful marketing of reinforced plastic products for the automotive and light truck aftermarket, and (5) acquiring an existing business. The Company's efforts are currently directed towards all five areas.

MAJOR COMPETITORS

The Company believes that it is one of the four largest compounders and molders of reinforced plastics using the SMC, spray-up, hand-lay-up, VRIM, and MIT molding processes in the United States. The Company faces competition from a number of other molders including, most significantly, Meridian Automotive Systems, Molded Fiber Glass Companies, Continental Structural Plastics, Sigma Industries and Premix. The Company believes that it is well positioned to compete based primarily on manufacturing capability, product quality, engineering capability, cost, and delivery. However, the industry remains highly competitive and some of the Company's competitors have greater financial resources, research and development facilities, design engineering, manufacturing, and marketing capabilities.

MAJOR CUSTOMERS

The Company currently has two major customers, Navistar and PACCAR. Major customers are defined as customers whose current year sales individually consist of more than ten percent of total sales. The loss of a significant portion of sales to Navistar or PACCAR would have a material adverse effect on the business of the Company.

Relationship with Navistar

In June 2008, the Company entered into a new Comprehensive Supply Agreement, which was effective as of June 24, 2008. Under this Comprehensive Supply Agreement, the Company continues to be the primary supplier of Navistar's original equipment and service requirements for fiberglass reinforced parts, as long as the Company remains competitive in cost, quality and delivery, through October 31, 2013.

The Company makes products for Navistar's Chatham (Canada) assembly plant, its Springfield, Ohio assembly plant, its Garland, Texas assembly facility, its bus facilities in Conway, Arkansas and Tulsa, Oklahoma and its Escobedo, Mexico assembly facility. The Company works closely on new product development with Navistar's engineering and research personnel at Navistar's Fort Wayne, Indiana Technical Center. Some of the products sold to Navistar include hoods, roofs, air deflectors, air fairings, fenders, splash panels, and other components.

The North American truck market in which Navistar competes is highly competitive and the demand for heavy and medium duty trucks is subject to considerable volatility as it moves in response to cycles in the overall business environment and is particularly sensitive to the industrial sector, which generates a significant portion of the freight tonnage hauled. Truck demand also depends on general economic conditions, among other factors. Sales to Navistar amounted to approximately 57%, 44%, and 50%, of total sales for 2008, 2007, and 2006, respectively.

Relationship with PACCAR

As a result of the August 1, 2005, acquisition of the Cincinnati Fiberglass Division of Diversified Glass, Inc., the Company increased its supply relationship with PACCAR. The Company produces hoods, roofs, back panels, air deflectors, air fairings, fenders, splash panels, and other components for PACCAR who uses such products on its heavy and medium-duty trucks.

In April 2007, the Company entered into a Supply Agreement with PACCAR to supply certain fiberglass reinforced products. The supply agreement will expire on June 30, 2010 unless extended by the parties.

Table of Contents

The Company makes products for PACCAR's Chillicothe, Ohio, Madison, Tennessee, Denton, Texas, Renton, Washington, St. Therese (Canada), and Mexicali, Mexico assembly facilities. The Company also works closely on new product development with PACCAR's engineering and research personnel.

The North American truck market in which PACCAR competes is highly competitive and the demand for trucks is subject to considerable volatility as it moves in response to cycles in the overall business environment and is particularly sensitive to the industrial sector, which generates a significant portion of the freight tonnage hauled. Truck demand also depends on general economic conditions, among other factors. Sales to PACCAR amounted to approximately 26%, 33%, and 22% of total sales for 2008, 2007, and 2006, respectively.

OTHER CUSTOMERS

The Company also produces products for other truck manufacturers, the marine industry, commercial product industries, automotive aftermarket industries, and various other customers. Sales to these customers individually were all less than 10% of total annual sales. Sales to these customers amounted to approximately 17%, 23% and 28% of total sales for 2008, 2007 and 2006 respectively.

EXPORT SALES

The Company provides products to some of its customers that have manufacturing and service locations in Canada and Mexico. Export sales, which are denominated in United States dollars, were approximately \$15,603,000, \$18,509,000, and \$32,098,000, for the years ended 2008, 2007, and 2006, respectively. These export sales dollars represent approximately 13%, 15%, and 20%, of total sales for 2008, 2007, and 2006, respectively.

FOREIGN OPERATIONS

As a result of the Airshield Asset Acquisition, the Company began importing products into the United States, as many products produced in the Company's Mexican facility are sold to customers in the United States. Import sales, which are denominated in United States dollars, were approximately \$14,492,000, \$18,329,000 and \$23,897,000, for the years ended 2008, 2007 and 2006 respectively. The sales of products imported were approximately 12%, 15%, and 15%, of total sales in 2008, 2007, and 2006, respectively.

The Company owns long-lived assets totaling \$11,563,000 at December 31, 2008 that are located in its Mexican facility, of which \$8,787,000 is part of the construction of the Company's new manufacturing facility in Mexico.

PRODUCTS**SMC Compound**

SMC compound is a combination of resins, fiberglass, catalysts, and fillers compounded and cured in sheet form. The sheet is then used to manufacture compression-molded products, as discussed below, and on a limited basis sold to other molders.

The Company incorporates a sophisticated computer program that assists in the compounding of various complex SMC formulations tailored to customer needs. The system provides for the following:

Control information during various production processes; and

Data for statistical batch controls.

The Company has the capacity to manufacture approximately 48 million pounds of SMC sheet material annually. The following table shows production of SMC for 2008, 2007, and 2006.

| Year | SMC Pounds Produced (Millions) |
|------|--------------------------------------|
| 2008 | 22 |
| 2007 | 22 |
| 2006 | 31 |

Table of Contents

Glass Mat Thermoplastic (GMT)

GMT compound is a combination of glass and thermoplastic resins purchased in the form of a sheet. The GMT compound is heated just prior to being used to manufacture compression-molded products.

Closed Molded Products

The Company manufactures reinforced plastic products using both compression molding and vacuum resin infusion molding process methods of closed molding.

Compression Molding Compression molding is a process whereby SMC or GMT is molded to form by matched die steel molds through which a combination of heat and pressure are applied via a molding press. This process produces high quality, dimensionally consistent products. This process is typically used for higher volume products, which is necessary to justify the customers investment in molds.

As of December 31, 2008, the Company owns 19 compression-molding presses in its Columbus, Ohio plant, which range in size from 500 to 4,500 tons. The Company also owns nine presses and leases two presses in its Gaffney, South Carolina plant, which range in size from 1,000 to 3,000 tons. In December 2008, the Company began the process of moving one press from its Columbus, Ohio plant and four presses from its Gaffney, South Carolina plant to Matamoros, Mexico to be installed in its new manufacturing facility.

Large platen, high tonnage presses (greater than 2,000 tons) provide the ability to compression mold very large SMC parts. The Company believes that it possesses a significant portion of the large platen, high tonnage molding capacity in the industry.

To enhance the surface quality and paint finish of products, the Company uses both in-mold coating and vacuum molding processes. In-mold coating is a manufacturing process performed by injecting a liquid over the molded part surface and then applying pressure at elevated temperatures during an extended molding cycle. The liquid coating serves to fill and/or bridge surface porosity as well as provide a barrier against solvent penetration during subsequent top-coating operations. Likewise, vacuum molding is the removal of air during the molding cycle for the purpose of reducing the amount of surface porosity. The Company believes that it is among the industry leaders in in-mold coating and vacuum molding applications, based on the size and complexity of parts molded.

Resin Transfer Molding (RTM) This process employs two molds, typically a core and a cavity, similar to matched die molding. The composite is produced by placing glass mat, chopped strand, or continuous strand fiberglass in the mold cavity in the desired pattern. Parts that would be used for cosmetic purposes in their end use would typically have a gel coat applied to the mold surface. The core mold is then fitted to the cavity, and upon a satisfactory seal, a vacuum is applied. When the proper vacuum is achieved, the resin is injected into the mold to fill the part. Finally, the part is allowed to cure, and then it is removed from the mold and trimmed to shape. Fiberglass reinforced products produced from the RTM process exhibit a high quality surface on both sides of the part and excellent part thickness. Multiple insert tooling (MIT) technique can be utilized in the RTM process to improve throughput based upon volume requirements.

Open Molded Products

The Company produces reinforced plastic products using both the spray-up and hand-lay-up methods of open molding.

Hand-Lay-Up This process utilizes a shell mold, typically the cavity, where glass cloth, either chopped strand or continuous strand glass mat, is introduced into the cavity. Resin is then applied to the cloth and rolled out to achieve a uniform wet-out from the glass and to remove any trapped air. The part is then allowed to cure and removed from the mold. After removal, the part typically undergoes trimming to achieve the net shape desired. Parts that would be cosmetic in their end use would have a gel coat applied to the mold surface prior to the lay-up to improve the surface quality of the finished part. Parts produced from this process have a smooth outer surface and an unfinished or rough interior surface. These fiberglass-reinforced products are typically non-cosmetic components or structural reinforcements that are sold externally or used internally as components of larger assemblies.

Table of Contents

Spray-Up This process utilizes the same type of shell mold, but instead of using glass cloth to produce the composite part, a chopper/spray system is employed. Glass yarns and resin feed the chopper/spray gun. The resin coated, chopped glass, which is approximately one inch in length, is sprayed into the mold to the desired thickness. The resin coated glass in the mold is then rolled out to ensure complete wet-out and to remove any trapped air. The part is then allowed to cure, is removed from the mold and is then trimmed to the desired shape. Parts that would be used for cosmetic purposes in their end use would typically have a gel coat applied to the mold surface prior to the resin-coated glass being sprayed into the mold to improve the surface quality of the finished part. Parts produced from this process have a smooth outer surface and an unfinished or rough interior surface.

The Company currently operates 13 separate spray-up or hand lay up cells in the Matamoros, Mexico facility that are capable of producing fiberglass-reinforced products with and without gel coat surfaces. As a result of the Cincinnati Fiberglass acquisition, the Company also has a chain driven robotic gelcoating and spray up line and a hand spray up cell at the Batavia, Ohio location. Part sizes weigh from a few pounds to several thousand pounds with surface quality tailored for the end use application.

Assembly, Machining, and Paint Products

Many of the products molded by the Company are assembled, machined, and/or prime painted to result in a completed product used by the Company's end-customers.

The Company has demonstrated manufacturing flexibility that accepts a range of low volume, hand assembly, and machining work to high volume, highly automated assembly and machining systems. Robotics are used as deemed productive for material handling, machining, and adhesive applications. In addition to conventional machining methods, water-jet cutting technology is also used where appropriate. The Company utilizes paint booths and batch ovens in its facilities when warranted. The Company generally contracts with outside parties when customers require that the Company provide a finish of a top coat of paint.

RAW MATERIALS

The principal raw materials used in the compounding of SMC and the closed and open molding processes are polyester, vinyl ester and epoxy resins, fiberglass rovings, and filler. Other significant raw materials include adhesives for assembly of molded components and in-mold coating, gelcoat, prime paint for preparation of cosmetic surfaces, and hardware (steel components). Many of the raw materials used by the Company are petroleum and energy based, and therefore, the costs of certain raw materials can fluctuate based on changes in costs of these underlying commodities. During the last several years, the Company has experienced extreme price fluctuations for certain materials, which has caused suppliers to be reluctant to enter into long-term contracts. Because of this, the Company continues to reevaluate its strategy and consider alternative suppliers. Each raw material generally has supplier alternatives, which are being evaluated regularly. The Company is regularly evaluating its supplier base for certain supplies, repair items, and componentry to improve its overall purchasing position as supply of these items is generally available from multiple sources.

BACKLOG

The Company relies on production schedules provided by its customers to plan and implement production. These schedules are typically provided on a weekly basis and are considered firm typically for four weeks. Some customers can update these schedules daily for changes in demand that allow them to run their inventories on a just-in-time basis. The ordered backlog was approximately \$6.3 million, \$9.0 million and \$10.8 million at December 31, 2008, 2007, and 2006 respectively, all of which the Company expects to ship during the first quarter of the following year.

CAPACITY CONSTRAINTS

In previous years, the Company has been required to work an extended shift and day schedule, up to a seven-day/three shift operation, to meet its customers' production requirements. The Company has used various methods from overtime to a weekend manpower crew to support the different shift schedules required.

Based on recent and expected 2009 production schedules, the Company has not had and does not anticipate difficulty in providing various shift schedules necessary to meet customer requirements for the foreseeable future.

Table of Contents

See further discussion of machine and facility capacities at Item 2 Properties contained elsewhere in this Annual Report on Form 10-K.

CAPITAL EXPENDITURES AND RESEARCH AND DEVELOPMENT

Capital expenditures totaled approximately \$12.1 million, \$2.7 million, and \$9.2 million for 2008, 2007, and 2006, respectively. Capital expenditures in 2008 consisted primarily of purchases related to the Company's construction of a new manufacturing facility in Mexico. Capital expenditures in 2007 consisted primarily of the buyout of certain equipment leases in 2007 and purchase of production equipment to manufacture parts as well as storage racks, computers, and office furniture and fixtures. Capital expenditures in 2006 were primarily related to the expansion of the Columbus Plant as well as the additional equipment leases that were bought out during 2006.

Product development is a continuous process at the Company. Research and development activities focus on developing new SMC formulations, new reinforced plastic products, and improving existing products and manufacturing processes.

The Company does not maintain a separate research and development organization or facility but uses its production equipment, as necessary, to support these efforts and cooperates with its customers and its suppliers in research and development efforts. Likewise, manpower to direct and advance research and development is integrated with the existing manufacturing, engineering, production, and quality organizations. Management of the Company has estimated that internal costs related to research and development activities approximate \$202,000, \$223,000, and \$254,000 in 2008, 2007 and 2006, respectively.

ENVIRONMENTAL COMPLIANCE

The Company's manufacturing operations are subject to federal, state, and local environmental laws and regulations, which impose limitations on the discharge of hazardous and non-hazardous pollutants into the air and waterways. The Company has established and implemented standards for the treatment, storage, and disposal of hazardous waste. The Company's policy is to conduct its business with due regard for the preservation and protection of the environment. The Company's environmental waste management involves the regular auditing of satellite hazardous waste accumulation points, hazardous waste activities and authorized treatment, storage and disposal facility. As part of the Company's environmental policy all employees are trained on waste management and other environmental issues. Through continual auditing the Company can ensure that all facilities are in compliance with the applicable federal, state, and local environmental laws and regulations.

In June 2003, the Ohio Environmental Protection Agency (Ohio EPA) issued Core Molding Technologies' final Title V Operating Permit for the Columbus, Ohio facility, and in May 2004 the Ohio EPA issued final Title V Operating Permit for the Cincinnati, Ohio facility. In August 2005, the South Carolina Department of Health and Environmental Control issued a final Title V Operating Permit for the Gaffney, South Carolina facility. Since that time, Core Molding Technologies has substantially complied with the requirements of these permits. Core Molding Technologies does not believe that the cost to comply with these permits will have a material effect on its operations, competitive position, or capital expenditures.

EMPLOYEES

As of December 31, 2008, the Company employed a total of 933 employees, which consists of 562 employees in its United States operations and 371 employees in its Mexican operations. Of these 933 employees, 312 are covered by a collective bargaining agreement with the International Association of Machinists and Aerospace Workers (IAM), which extends to August 4, 2010, and 292 are covered by a collective bargaining agreement with Sindicato de Jornaleros y Obreros, which extends to January 16, 2010.

PATENTS, TRADE NAMES, AND TRADEMARKS

The Company will evaluate, apply for, and maintain patents, trade names, and trademarks where it believes that such patents, trade names, and trademarks are reasonably required to protect its rights in its products. The Company does not believe that any single patent, trade name, or trademark or related group of such rights is materially important to its business or its ability to compete.

Table of Contents

SEASONALITY & BUSINESS CYCLE

The Company's business is affected annually by the production schedules of its customers. Certain of the Company's customers typically shut down their operations on an annual basis for a period of one to several weeks during the Company's third quarter. Certain customers also typically shut down their operations during the last week of December, as well. As a result, demand for the Company's products typically decreases during the third and fourth quarters. Similarly, demand for medium and heavy-duty trucks, personal watercraft, and automotive products fluctuate on an economic, a cyclical and a seasonal basis, causing a corresponding fluctuation for demand of the Company's products.

ITEM 1A. RISK FACTORS

The following risk factors describe various risks that may affect our business, financial condition, and operations. References to we, us, and our in this Risk Factors section refer to Core Molding Technologies and its subsidiaries, unless otherwise specified or unless the context otherwise requires.

We are dependent on sales to a small number of our major customers.

Sales to Navistar and PACCAR constituted approximately 57% and 26% respectively, of our 2008 net sales. No other customer accounted for more than 10% of our net sales for this period. The loss of any significant portion of sales to any of our major customers could have a material adverse effect on our business, results of operations, or financial condition.

We are a regular supplier to both of these customers, which results in recurring revenues. If we could not maintain our supplier relationship with either customer it could have a material adverse effect on our business, results of operations, or financial condition.

We are continuing to engage in efforts intended to improve and expand our relations with Navistar and PACCAR as well as provide support for our entire customer base. We have supported our position with customers through direct and active contact through our sales, quality, engineering, and operational personnel. We cannot make any assurances that we will maintain or improve our customer relationships, whether these customers will continue to do business with us as they have in the past or whether we will be able to supply these customers or any of our other customers at current levels.

Our business is affected by the cyclical nature of the industries and markets that we serve.

The North American heavy and medium duty truck industries are highly cyclical. These industries and markets fluctuate in response to factors that are beyond our control, such as general economic conditions, interest rates, federal and state regulations (including engine emissions regulations, tariffs, import regulations, and other taxes), consumer spending, fuel costs, and our customers' inventory levels and production rates. Core Molding Technologies manufacturing operations have a significant fixed cost component. Accordingly, during periods of changing demands, the profitability of Core Molding Technologies' operations may change proportionately more than revenues from operations. In addition, our operations are typically seasonal as a result of regular customer maintenance shutdowns, which typically vary from year to year based on production demands and occur in the third and fourth quarter of each calendar year. This seasonality may result in decreased net sales and profitability during the third and fourth fiscal quarters of each calendar year. Weakness in overall economic conditions or in the markets that we serve, or significant reductions by our customers in their inventory levels or future production rates, could result in decreased demand for our products and could have a material adverse effect on our business, results of operations, or financial condition.

Price increases in raw materials and availability of raw materials could adversely affect our operating results and financial condition.

Core Molding Technologies purchases resins and fiberglass for use in production as well as steel and other components for product assembly. The prices of resins are affected by the prices of crude oil, natural gas, and benzene as well as processing capacity versus demand and the Company has incurred increases in raw material costs over the past few years. The Company attempts to reduce its exposure to increases by working with suppliers, evaluating new suppliers, improving material efficiencies, and when necessary through sales price adjustments to customers. If we are unsuccessful in developing ways to mitigate these raw material increases we may not be able to improve productivity or realize our ongoing cost reduction programs sufficiently to help offset the impact of these increased raw material costs. As a result, higher raw material costs could result in declining margins and operating results.

Table of Contents

Cost reduction and quality improvement initiatives by original equipment manufacturers could have a material adverse effect on our business, results of operations, or financial condition.

We are primarily a components supplier to the heavy and medium duty truck industries, which are characterized by a small number of OEMs that are able to exert considerable pressure on components suppliers to reduce costs, improve quality, and provide additional design and engineering capabilities. Given the fragmented nature of the industry, OEMs continue to demand and receive price reductions and measurable increases in quality through their use of competitive selection processes, rating programs, and various other arrangements. We may be unable to generate sufficient production cost savings in the future to offset such price reductions. OEMs may also seek to save costs by relocating production to countries with lower cost structures, which could in turn lead them to purchase components from suppliers with lower production costs. Additionally, OEMs have generally required component suppliers to provide more design engineering input at earlier stages of the product development process, the costs of which have, in some cases, been absorbed by the suppliers. Future price reductions, increased quality standards, and additional engineering capabilities required by OEMs may reduce our profitability and have a material adverse effect on our business, results of operations, or financial condition.

We operate in highly competitive markets.

The markets in which we operate are highly competitive. We compete with a number of other manufacturers that produce and sell similar products. Our products primarily compete on the basis of capability, product quality, cost, and delivery. Some of our competitors have greater financial resources, research and development facilities, design engineering, manufacturing, and marketing capabilities.

We may be subject to additional shipping expense or late fees if we are not able to meet our customers on-time demand for our products.

We must continue to meet our customers demand for on-time delivery of our products. Factors that could result in our inability to meet customer demands include a failure by one or more of our suppliers to supply us with the raw materials and other resources that we need to operate our business effectively or poor management of our company or one or more of its plants and an unforeseen spike in demand for our products, among other factors. If this occurs, we may be required to incur additional shipping expenses to ensure on-time delivery or otherwise be required to pay late fees, which could have a material adverse effect on our business, results of operations, or financial condition.

If we fail to attract and retain key personnel our business could be harmed.

Our success largely depends on the efforts and abilities of key personnel within the company. Their skills, experience, and industry contacts significantly benefit us. The inability to retain key personnel could have a material adverse effect on our business, results of operations, or financial condition. Our future success will also depend in part upon our continuing ability to attract and retain highly qualified personnel.

Work stoppages or other labor issues at our facilities or at our customers facilities could adversely affect our operations.

As of December 31, 2008, unions at our Columbus, Ohio and Matamoros, Mexico facilities represented approximately 65% of our entire workforce. As a result, we are subject to the risk of work stoppages and other labor-relations matters. The current Columbus, Ohio and Matamoros, Mexico union contracts extend through August 4, 2010 and January 16, 2010, respectively. Any prolonged work stoppage or strike at either our Columbus, Ohio or Matamoros, Mexico unionized facilities could have a material adverse effect on our business, results of operations, or financial condition. These collective bargaining agreements expire at various times. Any failure by us to reach a new agreement upon expiration of such union contracts may have a material adverse effect on our business, results of operations, or financial condition.

In addition, if any of our customers or suppliers experiences a material work stoppage, that customer may halt or limit the purchase of our products or the supplier may interrupt supply of our necessary production components. This could cause us to shut down production facilities relating to these products, which could have a material adverse effect on our business, results of operations, or financial condition.

Table of Contents

Increases in energy prices will increase our operating costs and likely reduce our profitability.

We use energy to manufacture our products. Our operating costs increase if energy costs rise. During periods of higher energy costs, we may not be able to recover our operating cost increases through production efficiencies and price increases. While we may hedge our exposure to higher prices via future energy purchase contracts, increases in energy prices will increase our operating costs and likely reduce our profitability.

Our business is subject to risks associated with manufacturing processes.

We convert raw materials into molded products through a manufacturing process at production facilities in Columbus, Ohio; Gaffney, South Carolina; Batavia, Ohio; and Matamoros, Mexico. While we maintain insurance covering our manufacturing and production facilities, including business interruption insurance, a catastrophic loss of the use of all or a portion of our facilities due to accident, fire, explosion, or natural disaster, whether short or long-term, could have a material adverse effect on the Company.

Unexpected failures of our equipment and machinery may result in production delays, revenue loss, and significant repair costs, as well as injuries to our employees. Any interruption in production capability may require us to make large capital expenditures to remedy the situation, which could have a negative impact on our profitability and cash flows. Our business interruption insurance may not be sufficient to offset the lost revenues or increased costs that we may experience during a disruption of our operations. Because we supply our products to OEMs, a temporary or long-term business disruption could result in a permanent loss of customers. If this were to occur, our future sales levels and therefore our profitability could be materially adversely affected.

Our insurance coverage may be inadequate to protect against the potential hazards incident to our business.

We maintain property, business interruption, product liability, and casualty insurance coverage, but such insurance may not provide adequate coverage against potential claims, including losses resulting from war risks, terrorist acts, or product liability claims relating to products we manufacture. Consistent with market conditions in the insurance industry, premiums and deductibles for some of our insurance policies have been increasing and may continue to increase in the future. In some instances, some types of insurance may become available only for reduced amounts of coverage, if at all. In addition, there can be no assurance that our insurers would not challenge coverage for certain claims. If we were to incur a significant liability for which we were not fully insured or that our insurers disputed, it could have a material adverse effect on our financial position.

We have made acquisitions and may make acquisitions in the future. We may not realize the improved operating results that we anticipate from these acquisitions or from acquisitions we may make in the future, and we may experience difficulties in integrating the acquired businesses or may inherit significant liabilities related to such businesses.

We explore opportunities to acquire businesses that we believe are related to our core competencies from time to time, some of which may be material to us. We expect such acquisitions will produce operating results consistent with our other operations, however, we cannot provide assurance that this assumption will prove correct with respect to any acquisition.

Any acquisitions may present significant challenges for our management due to the increased time and resources required to properly integrate management, employees, information systems, accounting controls, personnel, and administrative functions of the acquired business with those of Core Molding Technologies and to manage the combined company on a going forward basis. The diversion of management's attention and any delays or difficulties encountered in connection with the integration of these businesses could adversely impact our business, results of operations, and liquidity, and the benefits we anticipate may never materialize.

If we are unable to meet future capital requirements, our business may be adversely affected.

As we grow our business, we may have to incur significant capital expenditures. We may make capital investments to, among other things, build new or upgrade our facilities, purchase leased facilities and equipment, and enhance our production processes. We cannot assure you that we will have, or be able to obtain, adequate funds to make all necessary capital expenditures when required, or that the amount of future capital expenditures will not be materially in excess of our anticipated or current expenditures. If we are unable to make necessary capital expenditures we may not have the capability to support our customer demands, which, in turn could reduce our sales and profitability and impair our ability to satisfy our

Table of Contents

customers' expectations. In addition, even if we are able to invest sufficient resources, these investments may not generate net sales that exceed our expenses, generate any net sales at all, or result in any commercially acceptable products.

Our failure to comply with our debt covenants could have a material adverse effect on our business, financial condition or results of operations.

Our U.S. debt covenants contain several financial restrictions. A breach of any of these covenants could result in a default under the applicable agreement. If a default were to occur, we would likely seek a waiver of that default, attempt to reset the covenant, or refinance the instrument and accompanying obligations. If we were unable to obtain this relief, the default could result in the acceleration of the total due related to that debt obligation. If a default were to occur, we may not be able to pay our debts or borrow sufficient funds to refinance them. Any of these events, if they occur, could materially adversely affect our results of operations, financial condition, and cash flows.

Our efficiencies related to the proximity to our customers could be affected and would hurt our ability to be competitive.

Our facilities are located in close proximity to our customers in order to minimize both our customers' and our own costs. If any of our customers were to move or if nearby facilities are closed, that would impact our ability to remain competitive. This might require us to move closer to our customers or build new facilities to meet our customers' needs. If we would need to move any of our operations, it could have a materially adverse effect on our financial operations and cash flows.

Our products may be rendered obsolete or less attractive if there are changes in technology, regulatory requirements, or competitive processes.

Changes in technology, regulatory requirements, and competitive processes may render certain products obsolete or less attractive. Our ability to anticipate changes in these areas will be a significant factor in our ability to remain competitive. If we are unable to identify or compensate for any one of these changes it may have a material adverse effect on our business, results of operations, or financial condition.

Our stock price can be volatile.

Our stock price can fluctuate widely in response to a variety of factors. Factors include actual or anticipated variations in our quarterly operating results, our relatively small public float, changes in securities analysts' estimates of our future earnings, and the loss of major customers or significant business developments relating to us or our competitors, and other factors, including those described in this Risk Factors section. Our common stock also has a low average daily trading volume, which limits a person's ability to quickly accumulate or quickly divest themselves of large blocks of our stock. In addition, a low average trading volume can lead to significant price swings even when a relatively few number of shares are being traded.

We are subject to environmental rules and regulations that may require us to make substantial expenditures.

Our operations, facilities, and properties are subject to extensive and evolving laws and regulations pertaining to air emissions, wastewater discharges, the handling and disposal of solid and hazardous materials and wastes, the investigation and remediation of contamination, and otherwise relating to health, safety, and the protection of the environment and natural resources. As a result, we may be involved from time to time in administrative or legal proceedings relating to environmental, health and safety matters, and may need to incur capital costs and other expenditures relating to such matters.

Although we do not presently anticipate terminating any senior management employees, certain senior management employees have entered into potentially costly severance arrangements with us if terminated after a change in control.

We have entered into executive severance agreements with certain senior management employees that provide for significant severance payments in the event such employee's employment with us is terminated within 2 years of a change in control (as defined in the severance agreement) either by the employee for good reason (as defined in the severance agreement) or by us for any reason other than cause (as defined in the severance agreement), or for death, or disability. A change in control under these agreements includes any transaction or series of related transactions as a result of which less than fifty percent (50%) of the combined voting power of the then-outstanding securities immediately after such transaction are held in the aggregate by the holders of voting stock of the Company

immediately prior to such transaction; any person has become the beneficial owner of securities representing 50% or more of the voting stock of the Company; the Company files a report or proxy

Table of Contents

statement with the Securities and Exchange Commission that a change in control of the Company has occurred; or within any two year period, the directors at the beginning of the period cease to constitute at least a majority thereof. These agreements would make it costly for us to terminate certain of our senior management employees and such costs may also discourage potential acquisition proposals, which may negatively affect our stock price.

Our stock price may be adversely affected as a result of shares eligible for future sale by Navistar.

Navistar received 4,264,000 shares of the Company's stock in connection with the sale of the Columbus Plastics unit to Core Molding Technologies, Inc. in 1996. On July 18, 2007, the Company entered into a stock repurchase agreement with Navistar, pursuant to which the Company purchased 3,600,000 of these shares from Navistar. The remaining 664,000 shares of Core Molding Technologies Common Stock which Navistar received and still owns may not be sold in the absence of registration under the Securities Act or an exemption therefrom, including the exemptions contained in Rule 144 under the Securities Act. Core Molding Technologies previously entered into a Registration Rights Agreement with Navistar pursuant to which Navistar and its transferees were granted the right to demand registration of the resale of such shares of Core Molding Technologies Common Stock at any time. Navistar was also granted unlimited piggyback registration rights with respect to these shares under the Registration Rights Agreement. No prediction can be made as to the effect, if any, of future sales of shares of Core Molding Technologies Common Stock by Navistar, if any, on the market price of the Core Molding Technologies Common Stock prevailing from time to time. Sales of substantial amounts of Core Molding Technologies Common Stock by Navistar, or the perception that such sales could occur, could adversely affect prevailing market prices for those securities.

Our foreign operations subject us to risks that could negatively affect our business.

We operate a manufacturing facility in Matamoros, Mexico and, as a result, our business and operations are subject to the risk of changes in economic conditions, tax systems, consumer preferences, social conditions, safety and security conditions and political conditions inherent in Mexico, including changes in the laws and policies that govern foreign investment, as well as changes in United States laws and regulations relating to foreign trade and investment. In addition, our results of operations and the value of our foreign assets are affected by fluctuations in Mexican currency exchange rates, which may favorably or adversely affect reported earnings. There can be no assurance as to the future effect of any such changes on our results of operations, financial condition, or cash flows.

Economic conditions and disruptions in the financial markets could have an adverse effect on our business, financial condition and results of operations.

The financial markets are experiencing a period of turmoil, including the bankruptcy, restructuring or sale of certain financial institutions and the intervention of the U.S. federal government. While the ultimate outcome of these types of events in the financial market cannot be predicted, they could have a material adverse effect on our liquidity and financial condition if our ability to borrow money from our existing lenders were to be impaired. A crisis in the financial markets may also have a material adverse impact on the availability and cost of credit in the future. Our ability to pay our debt or refinance our obligations will depend on our future performance, which could be affected by, among other things, prevailing economic conditions. A financial crisis may also have an adverse effect on the U.S. and world economies, which would have a negative impact on demand for our products. In addition, tightening of credit markets may have an adverse impact on our customers' ability to finance the sale of new heavy-duty trucks or our suppliers' ability to provide us with raw materials, either of which could adversely affect our business and results of operations.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None.

Table of Contents**ITEM 2. PROPERTIES**

The Company owns two production plants in the United States that are situated in Columbus, Ohio and Gaffney, South Carolina and leases production facilities in Batavia, Ohio and Matamoros, Mexico. The Company is also in the process of building a new production facility in Matamoros, Mexico to replace its leased facility. The Company believes that, through productive use, these facilities have adequate production capacity to meet current production volume.

At the Columbus, Ohio and Gaffney, South Carolina facilities the Company measures molding capacity in terms of its twelve large molding presses (i.e. 2,000 tons and greater). The approximate large press capacity utilization for the molding of production products in the Company's United States production facilities was 62%, 50%, and 62%, in the fourth quarter of 2008, 2007, and 2006, respectively. Capacity utilization is measured on the basis of a five day, three-shifts per day operation. The increased capacity utilization in the fourth quarter of 2008 was primarily due to production of an inventory bank of parts to support the move of certain production equipment from Columbus, Ohio to the Company's new facility in Matamoros, Mexico.

The Columbus, Ohio plant is located at 800 Manor Park Drive on approximately 28.2 acres of land. The approximate 331,558 square feet of available floor space at the Columbus, Ohio plant is comprised of the following:

| | Approximate Square Feet |
|-------------------------|----------------------------|
| Manufacturing/Warehouse | 315,409 |
| Office | 16,149 |
| Total | 331,558 |

The Company acquired the property at 800 Manor Park Drive in 1996 as a result of the Asset Purchase Agreement with Navistar.

The Gaffney, South Carolina plant, which was opened in early 1998, is located at 24 Commerce Drive, Meadow Creek Industrial Park on approximately 20.7 acres of land. The approximate 110,900 square feet of available floor space at the Gaffney, South Carolina plant is comprised of the following:

| | Approximate Square Feet |
|-------------------------|----------------------------|
| Manufacturing/Warehouse | 105,700 |
| Office | 5,200 |
| Total | 110,900 |

The Columbus, Ohio and Gaffney, South Carolina properties are subject to liens and security interests as a result of the properties being pledged by the Company as collateral for its debt as described in Note 6 of the Notes to Consolidated Financial Statements in Part II, Item 8 of this Annual Report on Form 10-K.

As a result of the acquisition of the Cincinnati Fiberglass Division of Diversified Glass, Inc., the Company leases a production plant in Batavia, Ohio located at 4174 Half Acre Road on approximately 9 acres of land. The term of the lease is seven years through July 2012. The Company has the option to terminate the lease at any time, by providing written notice to the lessor no later than 90 days prior to the intended termination date. The Company has the option to purchase the property at the end of every lease year. The approximate 107,740 square feet of available floor space at the Batavia, Ohio plant is comprised of the following:

| | Approximate Square Feet |
|-------------------------|----------------------------|
| Manufacturing/Warehouse | 103,976 |
| Office | 3,764 |

Total

107,740

The capacity of production in this facility is not linked directly to equipment capacities, due to the nature of the products produced. Capacity of the facility is tied to available floor space and the availability of personnel. The approximate capacity utilization for this operation was 38%, 49% and 82% in the fourth quarter of 2008, 2007 and 2006, respectively.

Table of Contents

In conjunction with the establishment of operations in Mexico, as discussed above, the Company leases a production plant in Matamoros, Mexico, located at Ave. Uniones Y Michigan, Matamoros, Tamps. Mexico. The term of the lease is ten years through October 2011, with an option to renew for an additional ten years and with an option to buy the facility at any time within the first seven years of the lease. The lease is cancelable by the Company with six months written notice. The Company has given written notice to the owner of the facility of the Company's intent to move out of the facility in June of 2009. The facility consists of approximately 313,000 square feet on approximately 12 acres comprised of the following:

| | Approximate Square Feet |
|-------------------------|----------------------------|
| Manufacturing/Warehouse | 309,400 |
| Office | 3,600 |
| Total | 313,000 |

The capacity of production in this facility is not linked directly to equipment capacities, due to the nature of the products produced. Capacity of the facility is tied to available floor space and the availability of personnel. The approximate capacity utilization for this operation was 50%, 42%, and 82% in the fourth quarter of 2008, 2007, and 2006, respectively.

Additionally, the Company is currently constructing a new 437,000 square foot manufacturing facility in Matamoros. Approximately 422,000 square feet is dedicated to manufacturing and warehousing and 15,000 square feet is office space. The Company will own the new facility and have both spray up molding and SMC manufacturing processes within the building. The building is expected to be completed during the second quarter of 2009.

ITEM 3. LEGAL PROCEEDINGS

From time to time, the Company is involved in litigation incidental to the conduct of its business. However, the Company is presently not involved in any legal proceedings, which in the opinion of management are likely to have a material adverse effect on the Company's consolidated financial position or results of operations.

ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

The Company submitted no matters to a vote of its security holders during the fourth quarter of its fiscal year ended December 31, 2008.

Table of Contents**PART II****ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS, AND ISSUER PURCHASES OF EQUITY SECURITIES**

The Company's common stock is traded on the NYSE AMEX under the symbol CMT .

The table below sets forth the high and low sale prices of the Company for each full quarterly period within the two most recent fiscal years for which such stock was traded.

| Core Molding Technologies, Inc. | | High | Low |
|--|------|-------------|------------|
| Fourth Quarter | 2008 | \$ 6.24 | \$2.05 |
| Third Quarter | 2008 | 7.49 | 5.50 |
| Second Quarter | 2008 | 7.40 | 6.55 |
| First Quarter | 2008 | 7.90 | 6.48 |
| Fourth Quarter | 2007 | \$ 7.71 | \$6.75 |
| Third Quarter | 2007 | 8.74 | 6.70 |
| Second Quarter | 2007 | 8.48 | 6.56 |
| First Quarter | 2007 | 10.35 | 7.05 |

The Company's common stock was held by 342 holders of record on March 27, 2009.

The Company made no payments of cash dividends during 2008 and 2007. The Company currently expects that its earnings will be retained to finance the growth and development of its business and does not anticipate paying dividends on its common stock in the foreseeable future.

Equity Compensation Plan Information

The following table shows certain information concerning our common stock to be issued in connection with our equity compensation plans as of December 31, 2008:

| Plan Category | Number of Shares to be Issued Upon Exercise of Outstanding Options or Vesting of Restricted Grants | Weighted Average Exercise Price of Outstanding Options or Restricted Grants | Number of Shares Remaining Available for Future Issuance |
|--|---|--|---|
| Equity compensation plans approved by stockholders | 499,681 | \$ 3.96 | 2,012,596 |
| Equity compensation plans not approved by stockholders (1) | 155,650 | \$ 3.21 | |

(1) On August 4, 2003, the Company issued 261,250 options that were not covered under the Plan at

\$3.21 to its
Directors.

Table of Contents

COMPARISON OF 5 YEAR CUMULATIVE TOTAL RETURN*
Among Core Molding Technologies Inc., The S&P Smallcap 600 Index
And The S&P Construction & Farm Machinery & Heavy Trucks Index

* \$100 invested
on 12/31/03 in
stock &
index-including
reinvestment of
dividends.
Fiscal year
ending
December 31.

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ITEM 6. SELECTED FINANCIAL DATA

The following selected financial data are derived from the audited consolidated financial statements of the Company. The information set forth below should be read in conjunction with Management's Discussion and Analysis of Financial Condition and Results of Operations, the financial statements and related notes included elsewhere in this Annual Report on Form 10-K.

| (In thousands, except per share data) | Years Ended December 31, | | | | |
|--|---------------------------------|-------------|-------------|-------------|-------------|
| | 2008 | 2007 | 2006 | 2005 | 2004 |
| Operating Data: | | | | | |
| Product sales | \$ 110,539 | \$ 101,045 | \$ 150,174 | \$ 124,910 | \$ 103,733 |
| Tooling sales | 6,116 | 21,667 | 12,156 | 5,633 | 8,112 |
| Net sales | 116,655 | 122,712 | 162,330 | 130,543 | 111,845 |
| Gross margin | 21,210 | 16,968 | 29,869 | 23,275 | 17,113 |
| Income before interest and taxes | 9,190 | 5,569 | 15,856 | 10,394 | 6,572 |
| Net income | 5,643 | 3,726 | 10,411 | 6,286 | 5,135 |
| Earnings Per Share Data: | | | | | |
| Net income per common share: | | | | | |
| Basic | .84 | .43 | 1.03 | .63 | .53 |
| Diluted | .81 | .41 | 1.00 | .60 | .52 |
| Balance Sheet Data: | | | | | |
| Total assets | 73,831 | 61,695 | 89,506 | 74,221 | 68,960 |
| Working capital | 10,631 | 6,253 | 27,575 | 22,766 | 13,530 |
| Long-term debt | 11,129 | 5,914 | 7,779 | 9,595 | 11,371 |
| Stockholders' equity | 28,975 | 21,827 | 42,694 | 34,141 | 26,277 |
| Return on Equity | 19% | 17% | 24% | 18% | 20% |

Table of Contents**ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

This Management's Discussion and Analysis of Financial Condition and Results of Operations contains forward-looking statements within the meaning of the federal securities laws. As a general matter, forward-looking statements are those focused upon future plans, objectives or performance as opposed to historical items and include statements of anticipated events or trends and expectations and beliefs relating to matters not historical in nature. Such forward-looking statements involve known and unknown risks and are subject to uncertainties and factors relating to Core Molding Technologies operations and business environment, all of which are difficult to predict and many of which are beyond Core Molding Technologies' control. These uncertainties and factors could cause Core Molding Technologies' actual results to differ materially from those matters expressed in or implied by such forward-looking statements.

Core Molding Technologies believes that the following factors, among others, could affect its future performance and cause actual results to differ materially from those expressed or implied by forward-looking statements made in this report: business conditions in the plastics, transportation, watercraft and commercial product industries; federal and state regulations (including engine emission regulations); general economic conditions in the countries in which Core Molding Technologies operates; dependence upon two major customers as the primary source of Core Molding Technologies' sales revenues; recent efforts of Core Molding Technologies to expand its customer base; failure of Core Molding Technologies' suppliers to perform their contractual obligations; the availability of raw materials; inflationary pressures; new technologies; competitive and regulatory matters; labor relations; the loss or inability of Core Molding Technologies to attract and retain key personnel; changes to federal, state and local environmental laws and regulations; the availability of capital; the ability of Core Molding Technologies to provide on-time delivery to customers, which may require additional shipping expenses to ensure on-time delivery or otherwise result in late fees; risk of cancellation or rescheduling of orders; inefficiencies related to the transfer and start up of Core Molding Technologies new Matamoros production facility; management's decision to pursue new products or businesses which involve additional costs, risks or capital expenditures; and other risks identified from time-to-time in Core Molding Technologies other public documents on file with the Securities and Exchange Commission, including those described in Item 1A of this Annual Report on Form 10-K.

OVERVIEW

Core Molding Technologies is a compounder of sheet molding composite (SMC) and molder of fiberglass reinforced plastics. Core Molding Technologies produces high quality fiberglass reinforced molded products and SMC materials for varied markets, including light, medium and heavy-duty trucks, automobiles and automotive aftermarkets, personal watercraft, and other commercial products. The demand for Core Molding Technologies' products is affected by economic conditions in the United States, Canada, and Mexico. Core Molding Technologies' manufacturing operations have a significant fixed cost component. Accordingly, during periods of changing demands, the profitability of Core Molding Technologies' operations may change proportionately more than revenues from operations.

On December 31, 1996, Core Molding Technologies acquired substantially all of the assets and assumed certain liabilities of Columbus Plastics, a wholly owned operating unit of Navistar's truck manufacturing division since its formation in late 1980. Columbus Plastics, located in Columbus, Ohio, was a compounder and compression molder of SMC. In 1998, Core Molding Technologies began compression molding operations at its second facility in Gaffney, South Carolina, and in October 2001, Core Molding Technologies acquired certain assets of Airshield Corporation. As a result of this acquisition, Core Molding Technologies expanded its fiberglass molding capabilities to include the spray up, hand-lay-up open mold processes and resin transfer (RTM) closed molding utilizing a vacuum infusion process. In September 2004, Core Molding Technologies acquired substantially all the operating assets of Keystone Restyling Products, Inc., a privately held manufacturer and distributor of fiberglass reinforced products for the automotive-aftermarket industry. In August 2005, Core Molding Technologies acquired certain assets of the Cincinnati Fiberglass Division of Diversified Glass, Inc., a Batavia, Ohio-based, privately held manufacturer and distributor of fiberglass reinforced plastic components supplied primarily to the heavy-duty truck market. The Batavia, Ohio facility produces reinforced plastic products by a spray-up open mold process and resin transfer molding (RTM)

utilizing multiple insert tooling (MIT) closed mold process. In August of 2008, the Company entered into a construction agreement to begin building a new 437,000 square foot production facility in Matamoros, Mexico that will replace its currently leased facility. Occupancy is expected during the second quarter of 2009.

Core Molding Technologies recorded net income for 2008 of \$5,643,000 or \$0.84 per basic and \$0.81 per diluted share, compared with \$3,726,000 or \$0.43 per basic and \$0.41 per diluted share, in the year 2007. In July 2007, the Company purchased 3,600,000 shares of its stock from Navistar. This share repurchase resulted in a favorable impact on earnings per

Table of Contents

share for the year ended December 31, 2008 compared to the year ended December 31, 2007, due to lower outstanding shares. Net income was positively impacted by increased product sales volumes due to increased demand for certain Navistar product lines as well as production efficiencies and reduced fixed expenses. In connection with the construction of a new manufacturing facility in Mexico, the Company expensed approximately \$1,212,000 of transition costs through December 31, 2008.

Looking forward, the Company anticipates decreased sales levels during 2009 as a result of the uncertainties in the current economy. Industry analysts are forecasting an overall decrease in heavy duty truck production of approximately 30% compared to 2008 levels. In response to the expected decreased sales levels, the Company is focused on reducing costs and adjusting operations. Management believes these actions will lessen the impact of the significantly reduced sales, although profitability will continue to be impacted in 2009 due to the large fixed cost component of the Company's business and due to the difficulty in maintaining production efficiencies in a decreased and volatile sales climate. Additionally, the Company expects to incur approximately \$2,000,000 of transition and start up expenses in 2009 associated with its new manufacturing facility in Matamoros, Mexico which will further decrease earnings.

RESULTS OF OPERATIONS**2008 COMPARED WITH 2007**

Net sales for 2008 totaled \$116,655,000, an approximate 5% decrease from the \$122,712,000 reported for 2007. Included in total sales are tooling project revenues of \$6,116,000 for 2008 and \$21,667,000 for 2007. Tooling project sales result from billings to customers for molds and assembly equipment built specifically for their products. These sales are sporadic in nature and do not represent a recurring trend. Tooling project revenues relate to both replacement models and new business awarded to the Company. Total product sales revenue for 2008, excluding tooling project revenue, totaled \$110,539,000, an approximate 9% increase from the \$101,045,000 reported for 2007. The primary reason for the increase in product sales is the increased volume for new programs started in 2007 and 2008.

Sales to Navistar in 2008 totaled \$66,880,000, an approximate 25% increase from the 2007 amount of \$53,629,000. Included in total sales is \$3,120,000 of tooling sales for 2008 compared to \$8,323,000 in 2007. Total product sales to Navistar increased by 41% for 2008 as compared to 2007. The increase in product sales is primarily due to increased volume for programs started in 2007, as well as increases in the demand for other products that the Company manufactures for Navistar.

Sales to PACCAR in 2008 totaled \$30,201,000 an approximate 25% decrease from 2007 sales amount of \$40,331,000. Included in total sales is \$2,505,000 of tooling sales for 2008 compared to \$12,518,000 in 2007. Total product sales to PACCAR were \$27,695,000 for 2008 compared to \$27,813,000 for 2007. Product sales were favorably affected by increased volume for programs started in 2007 offset by a decrease in sales for more mature products that the Company manufactures for PACCAR.

Sales to other customers decreased by approximately 32% to \$19,575,000 in 2008 from \$28,751,000 in 2007. This decrease is primarily related to decreases in product sales to a customer in the marine industry of approximately \$5,854,000 as well as decreases in product sales to other heavy-duty truck manufacturers and an automotive customer. Gross margin was approximately 18% of sales in 2008 compared to 14% of sales in 2007. The increase in gross margin was primarily due to improved production efficiencies. Also contributing to the increase in gross margin was lower fixed manufacturing costs due to cost reductions implemented by the Company and higher fixed cost absorption due to higher product sales volumes. Our manufacturing operations have significant fixed costs such as labor, energy, depreciation, lease expense and post retirement healthcare costs that do not change proportionately with sales.

Partially offsetting the increase in gross margin was higher profit sharing expense due to higher earnings. Selling, general, and administrative expenses (SG&A) totaled \$12,020,000 in 2008, increasing from \$11,399,000 in 2007. The primary reasons for this increase are higher profit sharing expense due to increased earnings in 2008 compared to 2007.

Net interest expense totaled \$689,000 for the year ended December 31, 2008, compared to net interest expense of \$175,000 for the year ended December 31, 2007. The Company had no interest income for the year ended December 31, 2008 compared to \$542,000 for the year ended December 31, 2007 due to cash previously used for investing being used to repurchase Core Molding Technologies stock from Navistar in July of 2007. Interest expense

for 2008 decreased to \$689,000 compared to \$717,000 for 2007. The decrease in interest expense is primarily a result of lower outstanding

Table of Contents

balances on the Company's revolving line of credit and lower interest rates on the Company's variable interest loans. Interest of approximately \$82,000 related to the construction of the new manufacturing facility in Matamoros has been capitalized and therefore has not impacted interest expense in 2008.

Income tax expense for 2008 was approximately 34% of total income before taxes compared to approximately 31% in 2007. In 2007, the Company adjusted the state and local tax rates due to changes in the tax laws of various states. This resulted in changes to the Company's state deferred liabilities and lowered the 2007 effective tax rate. The Company also received certain state and local tax refunds in 2007 contributing to the reduction of the effective rate.

Net income for 2008 was \$5,643,000 or \$.84 per basic share and \$.81 per diluted share, representing an increase of \$1,917,000 from the 2007 net income of \$3,726,000 or \$.43 per basic share and \$.41 per diluted share. In July 2007, the Company purchased 3,600,000 shares of its stock from Navistar. This share repurchase resulted in a favorable impact on earnings per share for the year ended December 31, 2008 compared to the year ended December 31, 2007, due to lower outstanding shares.

2007 COMPARED WITH 2006

Net sales for 2007 totaled \$122,712,000, an approximate 24% decrease from the \$162,330,000 reported for 2006. Included in total sales are tooling project revenues of \$21,667,000 for 2007 and \$12,156,000 for 2006. Tooling project sales result from billings to customers for molds and assembly equipment built specifically for their products. These sales are sporadic in nature and do not represent a recurring trend. Tooling project revenues relate to both replacement models and new business awarded to the Company. Total product sales revenue for 2007, excluding tooling project revenue, totaled \$101,045,000, an approximate 33% decrease from the \$150,174,000 reported for 2006. The primary reason for the decrease in product sales is lower demand resulting from an industry wide general decline in truck orders due to the new federal emissions standards that went into effect on January 1, 2007 and was partially offset by new business awarded to the Company.

Sales to Navistar in 2007 totaled \$53,629,000, an approximate 34% decrease from the 2006 amount of \$81,223,000. Included in total sales is \$8,323,000 of tooling sales for 2007 compared to \$10,206,000 in 2006. Total product sales to Navistar have decreased by 36% for 2007 as compared to 2006. The primary reason for the decrease in product sales is lower demand resulting from an industry wide general decline in truck orders as noted above, and was partially offset by new business with Navistar.

Sales to PACCAR in 2007 totaled \$40,331,000, an approximate 11% increase from 2006 sales amount of \$36,222,000. Included in total sales is \$12,518,000 of tooling sales for 2007 compared to \$1,232,000 in 2006. Total product sales to PACCAR have decreased by 21% for 2007 as compared to 2006. The primary reason for the decrease in sales to PACCAR is a result of the industry wide decline in truck orders as noted above, which was partially offset by new business with PACCAR.

Sales to other customers decreased by approximately 36% to \$28,751,000 in 2007 from \$44,885,000 in 2006. This decrease is primarily related to the general decline in truck orders from other truck manufacturers Core Molding Technologies serves and reduced sales to an automotive supplier.

Gross margin was approximately 14% of sales in 2007 compared to 18% of sales in 2006. The decrease in gross margin was due to a combination of factors including production inefficiencies resulting from new product launches and varying production levels caused by inconsistent customer orders. Also contributing to the decrease in gross margin was lower fixed cost absorption due to lower product sales volumes. Our manufacturing operations have significant fixed costs such as labor, energy, depreciation, lease expense and post retirement healthcare costs that do not change proportionately with sales. Partially offsetting the decrease in gross margin was lower profit sharing expense due to lower earnings.

Selling, general, and administrative expenses (SG&A) totaled \$11,399,000 in 2007, decreasing from \$14,013,000 incurred in 2006. The primary reasons for this decrease are lower profit sharing expense due to lower earnings, lower wage and benefit costs related to reductions in personnel, as well as lower professional fees, outside services and insurance costs.

Interest income decreased to \$542,000 in 2007 compared to \$645,000 in 2006. This change is primarily due to the repurchase of 3.6 million shares of stock from Navistar. On July 18, 2007, \$19,000,000 of cash balances were used to partially finance this repurchase, resulting in lower interest income. Interest expense increased to \$717,000 in 2007

compared to \$488,000 in 2006. The increase in interest expense is related to borrowings of \$7,100,000 against the line of

Table of Contents

credit that was used to finance the remaining portion of the stock repurchase from Navistar. Partially offsetting higher interest expense from the share repurchase was a reduction in interest associated with reductions of long term debt due to regularly scheduled payments. Variable interest rates experienced by Core Molding Technologies with respect to its two long-term borrowing facilities have increased; however, due to the interest rate swaps previously entered into by Core Molding Technologies, the interest rate is essentially fixed for these two debt instruments.

Income tax expense for 2007 was approximately 31% of total income before taxes compared to approximately 35% in 2006. In 2007, the Company adjusted the state and local tax rates due to changes in the tax laws of various states. This resulted in changes to the Company's state deferred liabilities and lowered the 2007 effective tax rate. The Company also received certain state and local tax refunds in 2007 contributing to the reduction of the effective rate. Also contributing to the decrease in rate in 2007 was certain manufacturing production activity deductions for its U.S. manufacturing facilities under Section 199 of the Internal Revenue Code as well as state and local tax refunds received. Section 199 deductions as a percentage of income are ratably higher in 2007 compared to 2006.

Net income for 2007 was \$3,726,000 or \$.43 per basic share and \$.41 per diluted share, representing a decrease of \$6,685,000 from the 2006 net income of \$10,411,000 or \$1.03 per basic share and \$1.00 per diluted share.

LIQUIDITY AND CAPITAL RESOURCES

The Company's primary sources of funds have been cash generated from operating activities and bank borrowings. The Company's primary cash requirements are for operating expenses and capital expenditures.

In December of 2008, the Company and its subsidiary, CoreComposites, entered into a Credit Agreement (the "Credit Agreement") with KeyBank National Association ("KeyBank") as a lender, lead arranger, sole book runner and administrative agent. Under the Credit Agreement, KeyBank has made certain loans, which include (i) a \$12,000,000 construction loan, (ii) an \$8,000,000 construction loan, (iii) an \$8,000,000 revolving credit commitment, (iv) a \$2,678,563 term loan to refinance a previous term loan with KeyBank, and (v) a letter of credit in an undrawn face amount of \$3,332,493 with respect to the Company's existing industrial development revenue bond financing.

As widely reported, financial markets in the United States, Europe and Asia have been experiencing extreme disruption in recent months, including, among other things, extreme volatility in security prices, severely diminished liquidity and credit availability, rating downgrades of certain investments and declining valuations of others.

Governments have taken unprecedented actions intended to address extreme market conditions that include severely restricted credit and declines in real estate values. While currently these conditions have not impaired the Company's ability to access credit markets and finance operations, there can be no assurance that there will not be a further deterioration in financial markets and confidence in major economies, which may impact the Company's ability to borrow in the future.

Cash provided by operating activities totaled \$7,157,000. Net income contributed \$5,643,000 to operating cash flow. Non-cash deductions of depreciation and amortization contributed \$3,545,000 to operating cash flow. In addition, the increase in the postretirement healthcare benefits liability of \$1,401,000 is not a current cash obligation, and this item will not be a significant cash obligation until more retirees begin to utilize their retirement medical benefits. Changes in working capital decreased cash provided by operating activities by \$3,952,000. The decrease in working capital was impacted by increase in accounts receivable and inventory and decreases in accounts payable. These uses of cash were partially offset by increases in accrued liabilities.

Cash used for investing activities was \$12,097,000 for the year ended December 31, 2008, which primarily represented payments related to the Company's construction of a new manufacturing facility in Mexico. The Company previously announced plans to spend approximately \$20.2 million on a new facility that will replace its existing leased facility in Mexico and add compression molding capabilities. To finance this project, the Company has received bank financing for new borrowings of \$20,000,000, of which the Company has drawn \$8,121,000 at December 31, 2008. At December 31, 2008, commitments for capital expenditures in progress were \$8,455,000. Capital expenditures for 2009 are anticipated to be \$11,348,000, which include \$9,456,000 related to the construction of the Company's new manufacturing facility in Mexico.

Financing activities increased cash flow by \$4,940,000. The primary financing activity is from borrowings on the construction loan for the new facility in Mexico of 8,121,000. Partially offsetting these borrowings were principal repayments on the Company's secured note payable of \$1,286,000 and the Company's industrial revenue bond of

\$580,000. Additionally, net repayments of \$1,058,000 on the line of credit decreased financing cash flow.

Table of Contents

At December 31, 2008, the Company had no cash on hand and an available line of credit of \$8,000,000 (Line of Credit), which is scheduled to mature on April 30, 2010. At December 31, 2008, Core Molding Technologies had outstanding borrowings on the Line of Credit of \$1,194,000. Management expects this line of credit to be adequate to meet Core Molding Technologies liquidity needs.

The Company is required to meet certain financial covenants included in its debt agreements with respect to leverage ratios, fixed charge ratios, capital expenditures as well as other customary affirmative and negative covenants. As of December 31, 2008, the Company was in compliance with its financial debt covenants for the Line of Credit, the secured note payable, the two construction loans related to the new facility in Mexico, the letter of credit securing the Industrial Revenue Bond and certain equipment leases.

On March 31, 2009, the Company entered into a first amendment to the Credit Agreement with KeyBank (the First Amendment). Pursuant to the terms of the First Amendment, the lender agreed to modify certain terms of the Credit Agreement. These modifications included (1) modification of the definition of EBITDA to add back transition costs up to \$3,200,000 associated with the transition and startup of the new production facility in Matamoros and add back non-cash compensation expense recorded under SFAS 123R (2) modification of the fixed charge definition to exclude from consolidated interest expense any measure of ineffectiveness from interest rate swaps and amortization of loan origination and issuance costs (3) modification of the leverage ratio from 3.0x to 3.2x at June 30, 2009, 3.4x at September 30, 2009, and 3.2x at December 31, 2009 (4) increase the applicable margin for interest rates applicable to LIBOR loans effective March 31, 2009 to 400 basis points for both construction loans and the revolving line of credit; all rates decrease 25 basis points upon reaching a leverage ratio of less than 2.25 to 1.00 (5) increase the letter of credit fee on the Industrial Revenue Bond to 300 basis points (6) increase the 1% Libor floor on the \$8,000,000 construction loan and revolving line of credit to 1.5% and (7) implement a 1.5% Libor floor on the \$12,000,000 construction loan. Based on the Company s forecasts which are primarily based on industry analysts estimates of 2009 heavy and medium-duty truck production volumes as well as other assumptions management believes to be reasonable, management believes that the Company will be able to maintain compliance with the covenants as amended under the First Amendment to the Credit Agreement for the next 12 months. Management believes that cash flow from operating activities together with available borrowings under the Credit Agreement will be sufficient to meet Core Molding Technologies liquidity needs. However, if a material adverse change in the financial position of Core Molding Technologies should occur, or if actual sales or expenses are substantially different than what has been forecasted, Core Molding Technologies liquidity and ability to obtain further financing to fund future operating and capital requirements could be negatively impacted.

CONTRACTUAL OBLIGATIONS AND OFF-BALANCE SHEET TRANSACTIONS

The Company has the following minimum commitments under contractual obligations, including purchase obligations, as defined by the United States Securities and Exchange Commission (SEC). A purchase obligation is defined as an agreement to purchase goods or services that is enforceable and legally binding on the Company and that specifies all significant terms, including: fixed or minimum quantities to be purchased; fixed, minimum, or variable price provisions; and the approximate timing of the transaction. Other long-term liabilities are defined as long-term liabilities that are reflected on the Company s balance sheet under accounting principles generally accepted in the United States. Based on this definition, the table below includes only those contracts which include fixed or minimum obligations. It does not include normal purchases, which are made in the ordinary course of business. The following table provides aggregated information about contractual obligations and other long-term liabilities as of December 31, 2008.

| | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 and after | Total |
|-----------------------------|--------------|--------------|------|--------------|------|-------------------|---------------|
| Debt | \$ 2,906,000 | \$ 6,227,000 | | \$ 4,638,000 | | \$ 264,000 | \$ 14,035,000 |
| Line of credit | 1,194,000 | | | | | | 1,194,000 |
| Interest | 1,502,000 | 1,469,000 | | 745,000 | | 253,000 | 3,969,000 |
| Operating lease obligations | 362,000 | 349,000 | | | | | 711,000 |
| | 8,455,000 | | | | | | 8,455,000 |

| | | | | | |
|--|---------------|--------------|--------------|---------------|---------------|
| Contractual commitments for capital expenditures | | | | | |
| Postretirement benefits | 520,000 | 890,000 | 1,375,000 | 13,093,000 | 15,878,000 |
| Total | \$ 14,939,000 | \$ 8,935,000 | \$ 6,758,000 | \$ 13,610,000 | \$ 44,242,000 |

Future interest payments in the above table include the entire \$20,000,000 of construction loans related to the new Matamoros manufacturing facility; however, only \$8,121,000 has been drawn at December 31, 2008. Interest is calculated based the effective interest rates on the Company's borrowing arrangements reflective of the interest rate swap agreements in place for the long-term borrowings. As of December 31, 2008, the Company had no off-balance sheet arrangements.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

Management's Discussion and Analysis of Financial Condition and Results of Operations discuss the Company's consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these consolidated financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. On an on-going basis, management evaluates its estimates and judgments, including those related to accounts receivable, inventories, workers compensation and self insurance healthcare accruals, post retirement benefits, and income taxes. Management bases its estimates and judgments on historical experience and on various other factors that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying value

Table of Contents

of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

Management believes the following critical accounting policies, among others, affect its more significant judgments and estimates used in the preparation of its consolidated financial statements.

Accounts Receivable Allowances

Management maintains allowances for doubtful accounts for estimated losses resulting from the inability of its customers to make required payments. If the financial condition of the Company's customers were to deteriorate, resulting in an impairment of their ability to make payments, additional allowances may be required. The Company had recorded an allowance for doubtful accounts of \$109,000 at December 31, 2008 and \$334,000 at December 31, 2007. Management also records estimates for chargebacks such as customer returns, customer rework chargebacks, discounts offered to customers, and price adjustments. Should these customer returns, chargebacks, discounts, and price adjustments fluctuate from the estimated amounts, additional allowances may be required. The Company recorded allowances for chargebacks of \$740,000 at December 31, 2008 and \$1,576,000 at December 31, 2007.

Inventories

Inventories, which include material, labor, and manufacturing overhead, are valued at the lower of cost or market. The inventories are accounted for using the first-in, first-out (FIFO) method of determining inventory costs. Inventory quantities on-hand are regularly reviewed, and where necessary, provisions for excess and obsolete inventory are recorded based on historical and anticipated usage. The Company has recorded an allowance for slow moving and obsolete inventory of \$490,000 at December 31, 2008 and \$294,000 at December 31, 2007.

Goodwill and Long-Lived Assets

Management evaluates whether impairment exists for goodwill and long-lived assets annually on December 31 or at interim periods if an indicator of impairment exists. Should actual results differ from the assumptions used to determine impairment, additional provisions may be required. In particular, decreases in future cash flows from operating activities that are below our assumptions could have an adverse effect on the Company's ability to recover its long-lived assets. The Company has not recorded any impairment to goodwill for long-lived assets for the years ended December 31, 2008 and 2007. A 10% decrease in future cash flows would not adversely impact the net book value of goodwill and a 1% increase in the rate used to discount future cash flows would not adversely impact the net book value of goodwill.

Self-Insurance

The Company is self-insured with respect to most of its Columbus and Batavia, Ohio and Gaffney, South Carolina medical and dental claims and Columbus and Batavia, Ohio workers' compensation claims. The Company has recorded an estimated liability for self-insured medical and dental claims incurred but not reported and workers' compensation claims incurred but not reported at December 31, 2008, and 2007 of \$1,109,000 and \$1,141,000, respectively.

Post Retirement Benefits

Management records an accrual for postretirement costs associated with the health care plan sponsored by Core Molding Technologies. Should actual results differ from the assumptions used to determine the reserves, additional provisions may be required. In particular, increases in future healthcare costs above the assumptions could have an adverse effect on Core Molding Technologies' operations. The effect of a change in healthcare costs is described in Note 10 of the Consolidated Notes to Financial Statements. Core Molding Technologies recorded a liability for postretirement healthcare benefits based on actuarially computed estimates of \$15,878,000 at December 31, 2008, and \$16,442,000 at December 31, 2007. The decrease in the liability is attributable to unrecognized gains of \$1,837,000 and benefit payments of \$413,000 recorded in 2008. This was offset by increases to the liability of \$1,686,000 related to service and interest costs.

Table of Contents**Revenue Recognition**

Revenue from product sales is recognized at the time products are shipped and title transfers. Allowances for returned products, chargebacks and other credits are estimated and recorded as revenue is recognized. Tooling revenue is recognized when the customer approves the tool and accepts ownership. Progress billings and expenses are shown net as an asset or liability on the Company's balance sheet. Tooling in progress can fluctuate significantly from period to period and is dependent upon the stage of tooling projects and the related billing and expense payment timetable for individual projects and therefore does not necessarily reflect projected income or loss from tooling projects. At December 31, 2008 the Company has recorded a net liability related to tooling in progress of \$212,000, which represents approximately \$3,555,000 of progress tooling billings and \$3,343,000 of progress tooling expenses. At December 31, 2007 the Company had recorded a net liability related to tooling in progress of \$102,000, which represents approximately \$4,738,000 of progress tooling billings and \$4,636,000 of progress tooling expenses.

Income Taxes

Management records a valuation allowance to reduce its deferred tax assets to the amount that it believes is more likely than not to be realized. The Company has considered future taxable income in assessing the need for a valuation allowance and has not recorded a valuation allowance due to anticipating it being more likely than not that the Company will realize these benefits.

An analysis is performed to determine the amount of the deferred tax asset that will be realized. Such analysis is based upon the premise that the Company is and will continue as a going concern and that it is more likely than not that deferred tax benefits will be realized through the generation of future taxable income. Management reviews all available evidence, both positive and negative, to assess the long-term earnings potential of the Company using a number of alternatives to evaluate financial results in economic cycles at various industry volume conditions. Other factors considered are the Company's relationships with its two largest customers (Navistar and PACCAR), and the Company's recent customer diversification efforts. The projected availability of taxable income to realize the tax benefits from net operating loss carryforwards and the reversal of temporary differences before expiration of these benefits are also considered. Management believes that, with the combination of available tax planning strategies and the maintenance of its relationships with its key customers, earnings are achievable in order to realize the net deferred tax asset of \$7,188,000.

Management recognizes the financial statement effects of a tax position when it is more likely than not the position will be sustained upon examination. Management has recognized all tax positions as of December 31, 2008.

The deferred tax asset of \$7,188,000 at December 31, 2008 primarily includes temporary differences relating to post-retirement and pension benefits of \$5,637,000 as well as temporary differences between the book and tax value for inventory reserves and accrued liabilities of approximately \$1,626,000.

Inflation

Inflationary factors such as increases in the cost of our product and overhead costs may adversely affect our operating results. With the current economic conditions, inflation may not be a great concern; however, a high rate of inflation in the future may have an adverse effect on our ability to maintain current levels of gross profit and selling, general and administrative expenses as a percentage of net sales if the selling prices of our products do not increase with these increased costs.

Recent Accounting Pronouncements

In February 2007, the FASB issued Statement No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities* (FAS 159), provides companies with an option to report selected financial assets and liabilities at fair value. The objective of FAS-159 is to reduce both complexity in accounting for financial instruments and the volatility in earnings caused by measuring related assets and liabilities differently. FAS-159 was effective for fiscal years beginning after November 15, 2007. The application of FAS-159 did not have any impact on the Company's earnings or financial position, because the Company did not elect to use the fair value option for any financial assets or liabilities.

In December 2007, the FASB issued SFAS No. 141R to improve the relevance, representational faithfulness, and comparability of information that a reporting entity provides in its financial reports regarding business combinations and its effects, including recognition of assets and liabilities, the measurement of goodwill and required disclosures.

This Statement is effective for fiscal years, and interim periods within those fiscal years, beginning on or after December 15, 2008 and earlier

Table of Contents

adoption is prohibited. The Company is currently reviewing the provisions of SFAS No. 141R to determine the impact on future business combinations.

In December 2007, the FASB issued SFAS No. 160, *Non-controlling Interests in Consolidated Financial Statements*, an amendment of ARB No. 51 (SFAS 160). The objective of SFAS 160 is to improve the relevance, comparability, and transparency of the financial information that a reporting entity provides in its consolidated financial statements by establishing certain accounting and reporting standards that address: the ownership interests in subsidiaries held by parties other than the parent; the amount of net income attributable to the parent and non-controlling interest; changes in the parent's ownership interest; and any retained non-controlling equity investment in a deconsolidated subsidiary. SFAS 160 is effective for fiscal years, and interim periods within those fiscal years, beginning on or after December 15, 2008. Early adoption of SFAS 160 is prohibited. We do not anticipate the adoption of SFAS 160 will have a material impact on our consolidated financial statements.

In March 2008, the FASB issued SFAS No. 161, *Disclosures about Derivative Instruments and Hedging Activities* (SFAS 161). SFAS 161 is an amendment of FASB Statement No. 133, and requires enhanced disclosures about an entity's derivative and hedging activities and thereby improves the transparency of financial reporting. The Statement is effective prospectively for fiscal years beginning after November 15, 2008. Management will make the required disclosures related to the provisions of FAS-161 on the consolidated financial statements.

In April 2008, the FASB issued FSP FAS 142-3, *Determination of the Useful Life of Intangible Assets*. FSP FAS 142-3 amends the factors an entity should consider in developing renewal or extension assumptions used in determining the useful life of recognized intangible assets under SFAS No. 142, *Goodwill and Other Intangible Assets*. This guidance for determining the useful life of a recognized intangible asset applies prospectively to intangible assets acquired individually or with a group of other assets in either an asset acquisition or business combination. FSP FAS 142-3 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2008, and early adoption is prohibited. FSP FAS 142-3 will be applied to any prospective acquisitions.

In May 2008, the FASB issued SFAS No. 162, *The Hierarchy of Generally Accepted Accounting Principles* (SFAS 162). SFAS 162 identifies a consistent framework, or hierarchy, for selecting accounting principles to be used in preparing financial statements that are presented in conformity with GAAP for nongovernmental entities (the Hierarchy). The Hierarchy within SFAS 162 is consistent with that previously defined in the American Institute of Certified Public Accountants (AICPA) Statement on Auditing Standards No. 69, *The Meaning of Present Fairly in Conformity With Generally Accepted Accounting Principles* (SAS 69). SFAS 162 is effective 60 days following the SEC's approval of the Public Company Accounting Oversight Board amendments to the AICPA's Auditing section No. 411, *The Meaning of Present Fairly in Conformity With Generally Accepted Accounting Principles*. SFAS 162 did not have a material effect on the Consolidated Financial Statements because we utilize the guidance within SAS 69.

In December 2008, the FASB issued FSP FAS 132(R)-1 to amend SFAS No. 132(R), to provide guidance on an employer's disclosures about plan assets of a defined benefit pension or other postretirement plan. FSP FAS 132(R)-1 is effective for fiscal years ending after December 15, 2009 with earlier adoption permitted. The Company is currently reviewing the additional disclosure requirements to determine the impact on the Consolidated Financial Statements and Notes to Consolidated Financial Statements.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Core Molding Technologies' primary market risk results from changes in the price of commodities used in its manufacturing operations. Core Molding Technologies is also exposed to fluctuations in interest rates and foreign currency fluctuations associated with the Mexican peso. Core Molding Technologies does not hold any material market risk sensitive instruments for trading purposes.

Core Molding Technologies has the following five items that are sensitive to market risks: (1) Industrial Revenue Bond (IRB) with a variable interest rate (although Core Molding Technologies has an interest rate swap to fix the interest rate at 4.89%); (2) the Revolving Line of Credit, \$12,000,000 construction loan payable and \$8,000,000 construction loan payable under the Credit Agreement, each of which bears a variable interest rate; (3) bank note payable under the Credit Agreement, with a variable interest rate. Core Molding Technologies has an interest rate swap to fix the interest rate for the foregoing at 5.75%; (4) foreign currency purchases in which Core Molding

Technologies purchases Mexican pesos with United States

26

Table of Contents

dollars to meet certain obligations that arise due to operations at the facility located in Mexico; and (5) raw material purchases in which Core Molding Technologies purchases various resins for use in production. The prices of these resins are affected by the prices of crude oil and natural gas as well as processing capacity versus demand.

Assuming a hypothetical 10% increase in commodity prices, Core Molding Technologies would be impacted by an increase in raw material costs, which would have an adverse effect on operating margins.

Assuming a hypothetical 10% change in short-term interest rates would impact the Company in both 2008 and 2007.

It would have impacted the interest paid on the Company's Line of Credit and for 2008 the construction loan payable.

The interest rate on these loans is impacted by LIBOR. Although a 10% change in short-term interest rates would impact the interest paid by the Company, it would not have a material effect on earnings before tax.

A 10% change in future interest rate curves would significantly impact the fair value of the Company's interest rate swaps with an offset to other comprehensive income.

Table of Contents

**ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA
REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

To the Board of Directors and Stockholders of
Core Molding Technologies, Inc.
Columbus, Ohio

We have audited the accompanying consolidated balance sheets of Core Molding Technologies, Inc. and subsidiaries (the Company) as of December 31, 2008 and 2007, and the related consolidated statements of income, stockholders equity, and cash flows for each of the three years in the period ended December 31, 2008. Our audits also included the financial statement schedule listed in the Index at Item 15. These financial statements and financial statement schedule are the responsibility of the Company s management. Our responsibility is to express an opinion on these financial statements and financial statement schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Company is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the Company s internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such consolidated financial statements present fairly, in all material respects, the financial position of Core Molding Technologies, Inc. and subsidiaries at December 31, 2008 and 2007, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2008, in conformity with accounting principles generally accepted in the United States of America. Also, in our opinion, such financial statement schedule, when considered in relation to the basic consolidated financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

As discussed in Note 10, the Company changed the manner in which it records the funded status of its postretirement health and life insurance benefits plan, effective December 31, 2006.

/s/ Deloitte & Touche LLP

Columbus, Ohio
April 1, 2009

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Consolidated Statements of Income**

| | Years Ended December 31, | | |
|---|---------------------------------|---------------------|----------------------|
| | 2008 | 2007 | 2006 |
| Net sales: | | | |
| Products | \$ 110,538,646 | \$ 101,045,056 | \$ 150,173,598 |
| Tooling | 6,116,189 | 21,666,831 | 12,156,392 |
| Total sales | 116,654,835 | 122,711,887 | 162,329,990 |
| Cost of sales | 93,194,073 | 103,350,263 | 130,093,453 |
| Postretirement benefits expense | 2,251,179 | 2,393,642 | 2,367,602 |
| Total cost of sales | 95,445,252 | 105,743,905 | 132,461,055 |
| Gross margin | 21,209,583 | 16,967,982 | 29,868,935 |
| Selling, general, and administrative expense | 11,507,890 | 10,856,539 | 13,488,297 |
| Postretirement benefits expense | 512,108 | 542,221 | 524,889 |
| Total selling, general, and administrative expense | 12,019,998 | 11,398,760 | 14,013,186 |
| Income before interest and income taxes | 9,189,585 | 5,569,222 | 15,855,749 |
| Interest income | | 542,167 | 645,120 |
| Interest expense | (689,135) | (717,162) | (488,310) |
| Income before income taxes | 8,500,450 | 5,394,227 | 16,012,559 |
| Income taxes: | | | |
| Current | 2,866,659 | 1,540,421 | 3,956,972 |
| Deferred | (9,695) | 127,333 | 1,644,940 |
| Total income taxes | 2,856,964 | 1,667,754 | 5,601,912 |
| Net income | \$ 5,643,486 | \$ 3,726,473 | \$ 10,410,647 |
| Net income per common share: | | | |
| Basic | \$.84 | \$.43 | \$ 1.03 |
| Diluted | \$.81 | \$.41 | \$ 1.00 |

Weighted average common shares outstanding:

| | | | |
|---------|-----------|-----------|------------|
| Basic | 6,742,316 | 8,686,905 | 10,078,800 |
| Diluted | 6,992,249 | 9,004,429 | 10,387,122 |

See notes to consolidated financial statements.

29

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Consolidated Balance Sheets**

| | December 31, | |
|---|----------------------|----------------------|
| | 2008 | 2007 |
| Assets | | |
| Current assets: | | |
| Cash | \$ | \$ |
| Accounts receivable (less allowance for doubtful accounts: 2008 \$109,000 and 2007 \$334,000) | 15,435,103 | 12,469,502 |
| Inventories: | | |
| Finished and work in process goods | 4,991,848 | 3,333,119 |
| Stores | 4,740,375 | 5,011,291 |
| Total inventories, net | 9,732,223 | 8,344,410 |
| Deferred tax asset | 1,869,198 | 1,625,781 |
| Foreign sales tax receivable | 584,230 | 959,767 |
| Prepaid expenses and other current assets | 876,094 | 632,329 |
| Total current assets | 28,496,848 | 24,031,789 |
| Property, plant, and equipment | 71,970,638 | 59,906,910 |
| Accumulated depreciation | (33,155,187) | (29,691,245) |
| Property, plant, and equipment net | 38,815,451 | 30,215,665 |
| Deferred tax asset | 5,318,623 | 6,173,514 |
| Goodwill | 1,097,433 | 1,097,433 |
| Customer list/ Non-compete | 37,139 | 87,629 |
| Other assets | 65,598 | 89,168 |
| Total | \$ 73,831,092 | \$ 61,695,198 |
| Liabilities and Stockholders Equity | | |
| Current liabilities: | | |
| Current portion long-term debt | \$ 2,905,716 | \$ 1,865,716 |
| Notes payable line of credit | 1,193,965 | 2,251,863 |
| Accounts payable | 6,866,388 | 8,537,895 |
| Tooling in progress | 212,065 | 102,419 |
| Current portion of postretirement benefit liability | 520,000 | 489,000 |
| Accrued liabilities: | | |
| Compensation and related benefits | 4,715,884 | 3,350,867 |
| Interest payable | 96,103 | 89,721 |
| Taxes | 427,972 | 23,221 |
| Other | 928,080 | 1,067,792 |
| Total current liabilities | 17,866,173 | 17,778,494 |

| | | |
|--|----------------------|----------------------|
| Long-term debt | 11,129,184 | 5,913,563 |
| Interest rate swaps | 502,381 | 223,566 |
| Postretirement benefits liability | 15,357,897 | 15,952,891 |
| Total Liabilities | 44,855,635 | 39,868,514 |
| Commitments and Contingencies | | |
| Stockholders Equity: | | |
| Preferred stock \$0.01 par value, authorized shares 10,000,000; outstanding shares: 2008 and 2007 0 | | |
| Common stock \$0.01 par value, authorized shares 20,000,000; outstanding shares: 2008 6,765,790 and 2007 6,727,871 | 67,658 | 67,279 |
| Paid-in capital | 23,002,472 | 22,614,127 |
| Accumulated other comprehensive loss, net of income tax effect | (1,092,977) | (2,209,540) |
| Treasury stock | (26,179,054) | (26,179,054) |
| Retained earnings | 33,177,358 | 27,533,872 |
| Total stockholders equity | 28,975,457 | 21,826,684 |
| Total | \$ 73,831,092 | \$ 61,695,198 |

See notes to consolidated financial statements.

Table of Contents

Core Molding Technologies, Inc. and Subsidiaries
Consolidated Statements of Stockholders Equity
for the Years Ended December 31, 2008, 2007, and 2006

| | Common Stock Outstanding | | Paid-In Capital | Retained Earnings | Accumulated Other Comprehensive Income (Loss) | Treasury Stock | Total Stockholders Equity |
|---|-----------------------------|------------|--------------------|----------------------|---|-------------------|---------------------------------|
| | Shares | Amount | | | | | |
| Balance at December 31, 2005 | 10,041,467 | \$ 100,415 | \$ 20,770,944 | \$ 13,328,299 | \$ (58,891) | \$ | \$ 34,140,767 |
| Net Income | | | | 10,410,647 | | | 10,410,647 |
| Hedge accounting effect of the interest rate swap, net of deferred income tax expense of \$25,541 | | | | | 39,576 | | 39,576 |
| Comprehensive Income | | | | | | | 10,450,223 |
| Common shares issued from exercise of stock options | 152,270 | 1,522 | 483,495 | | | | 485,017 |
| Tax effect from exercise of stock options | | | 279,505 | | | | 279,505 |
| Restricted stock issued | 10,870 | 109 | 89,821 | | | | 89,930 |
| Share-based compensation | | | 248,958 | | | | 248,958 |
| Adoption of SFAS 158, net of deferred income tax benefit of \$1,740,000 | | | | | (3,000,000) | | (3,000,000) |
| Balance at December 31, 2006 | 10,204,607 | \$ 102,046 | \$ 21,872,723 | \$ 23,738,946 | \$ (3,019,315) | \$ | \$ 42,694,400 |

| | | | | | | | | |
|---|-------------|-----------|---------------|---------------|----------------|-----------------|--------------|--------------|
| Net Income | | | | 3,726,473 | | | | 3,726,473 |
| Hedge accounting effect of the interest rate swap, net of deferred income tax benefit of \$63,824 | | | | | | | (89,230) | (89,230) |
| Deferral of unrecognized net gain, net of tax expense of \$485,096 | | | | | | | 730,005 | 730,005 |
| Amortization of unrecognized net loss, net of tax expense of \$98,041 | | | | | | | 169,000 | 169,000 |
| Comprehensive Income | | | | | | | | 4,536,248 |
| Common shares issued from exercise of stock options | 115,256 | 1,153 | 357,071 | | | | | 358,224 |
| Tax effect from exercise of stock options | | | 116,139 | | | | | 116,139 |
| Restricted stock issued | 8,008 | 80 | 56,705 | | | | | 56,785 |
| Share-based compensation | | | 211,489 | | | | | 211,489 |
| Cumulative impact of change in accounting for uncertainties in income taxes (FIN 48 - Note 9) | | | | | | | 68,453 | 68,453 |
| Purchase of treasury stock | (3,600,000) | (36,000) | | | | | (26,179,054) | (26,215,054) |
| Balance at December 31, 2007 | 6,727,871 | \$ 67,279 | \$ 22,614,127 | \$ 27,533,872 | \$ (2,209,540) | \$ (26,179,054) | \$ | 21,826,684 |

| | | | | | | | | |
|---|-----------|-----------|---------------|---------------|----------------|-----------------|-----------|------------|
| Net Income | | | | 5,643,486 | | | | 5,643,486 |
| Hedge accounting effect of the interest rate swap, net of deferred income tax benefit of \$77,269 | | | | | | | (149,991) | (149,991) |
| Deferral of unrecognized net gain, net of tax expense of \$653,000 | | | | | | 1,184,000 | | 1,184,000 |
| Amortization of unrecognized net loss, net of tax expense of \$45,437 | | | | | | | 82,554 | 82,554 |
| Comprehensive Income | | | | | | | | 6,760,049 |
| Common shares issued from exercise of stock options | 32,000 | 320 | 99,810 | | | | | 100,130 |
| Tax effect from exercise of stock options | | | 1,092 | | | | | 1,092 |
| Restricted stock issued | 5,919 | 59 | 41,292 | | | | | 41,351 |
| Share-based compensation | | | 246,151 | | | | | 246,151 |
| Balance at December 31, 2008 | 6,765,790 | \$ 67,658 | \$ 23,002,472 | \$ 33,177,358 | \$ (1,092,977) | \$ (26,179,054) | \$ | 28,975,457 |

See notes to consolidated financial statements.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Consolidated Statements of Cash Flows**

| | Years Ended December 31, | | |
|--|---------------------------------|---------------------|--------------------|
| | 2008 | 2007 | 2006 |
| Cash flows from operating activities: | | | |
| Net income | \$ 5,643,486 | \$ 3,726,473 | \$ 10,410,647 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | | |
| Depreciation and amortization | 3,544,676 | 3,409,867 | 2,715,517 |
| Deferred income taxes | (9,695) | 127,332 | 1,644,804 |
| Interest expense (income) related to ineffectiveness of swap | 51,555 | 34,664 | (3,401) |
| (Gain) Loss on disposal of assets | | (3,116) | 49,049 |
| Share-based compensation | 287,502 | 268,274 | 338,888 |
| Amortization of gain on sale/leaseback transactions | | | (648,054) |
| Loss on translation of foreign currency financial statements | 190,509 | 7,826 | 27,814 |
| Change in operating assets and liabilities: | | | |
| Accounts receivable | (2,965,601) | 9,986,675 | (176,589) |
| Inventories | (1,387,813) | (951,434) | (97,955) |
| Prepaid expenses and other assets | 331,261 | 170,072 | (57,507) |
| Accounts payable | (1,675,948) | (2,442,408) | 169,719 |
| Accrued and other liabilities | 1,746,083 | (4,202,820) | 935,226 |
| Postretirement benefits liability | 1,400,998 | 1,816,475 | 1,601,014 |
| Net cash provided by operating activities | 7,157,013 | 11,947,880 | 16,909,172 |
| Cash flows from investing activities: | | | |
| Purchase of property, plant, and equipment | (12,097,474) | (2,742,675) | (9,226,312) |
| Proceeds from sale of property and equipment | | 3,116 | 10,563 |
| Net cash used in investing activities | (12,097,474) | (2,739,559) | (9,215,749) |
| Cash flows from financing activities: | | | |
| Proceeds from issuance of common stock | 100,130 | 358,224 | 485,017 |
| Tax effect from exercise of stock options | 1,092 | 116,139 | 279,505 |
| Gross repayments on revolving line of credit | (55,399,546) | | |
| Gross borrowings on revolving line of credit | 54,341,649 | | |
| Net borrowings on revolving line of credit | | 2,251,863 | |
| Financing costs for new credit agreement | (358,485) | | |
| Gross borrowings on the construction loan | 8,121,337 | | |
| Payment of principal on bank note | (1,285,716) | (1,285,716) | (1,285,716) |
| Payment of principal on industrial revenue bond | (580,000) | (530,000) | (490,000) |
| Payments related to purchase of treasury stock | | (26,215,054) | |
| Net cash provided by (used in) financing activities | 4,940,461 | (25,304,544) | (1,011,194) |

| | | | |
|---|--------------|--------------|---------------|
| Net (decrease) increase in cash and cash equivalents | | (16,096,223) | 6,682,229 |
| Cash and cash equivalents at beginning of year | | 16,096,223 | 9,413,994 |
| Cash and cash equivalents at end of year | \$ | \$ | \$ 16,096,223 |
| Cash paid during the year for: | | | |
| Interest | \$ 659,520 | \$ 627,873 | \$ 578,300 |
| Income taxes (net of tax refunds) | \$ 2,327,387 | \$ 19,912 | \$ 5,054,371 |
| Non Cash: | | | |
| Fixed asset purchases in accounts payable | \$ 203,436 | \$ 237,182 | \$ 313,465 |

See notes to consolidated financial statements.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements****1. Business Formation and Nature of Operations**

Core Molding Technologies and its subsidiaries operate in the plastics market in a family of products known as reinforced plastics. Reinforced plastics are combinations of resins and reinforcing fibers (typically glass or carbon) that are molded to shape. Core Molding Technologies operates four manufacturing facilities in Columbus, Ohio; Batavia, Ohio; Gaffney, South Carolina; and Matamoros, Mexico. The Columbus and Gaffney facilities produce reinforced plastics by compression molding sheet molding compound (SMC) in a closed mold process. Compression molding production will also be added to Matamoros, Mexico in 2009 upon completion of the Company's new manufacturing facility. The Matamoros facility also utilizes spray-up and hand lay-up open mold processes and resin transfer (RTM) closed molding utilizing the vacuum infusion process to produce reinforced plastic products. The Batavia facility produces reinforced plastic products by a spray-up open mold process and resin transfer molding (RTM) closed mold process utilizing multiple insert tooling (MIT). Core Molding Technologies also sells reinforced plastic products in the automotive-aftermarket industry through one of its subsidiaries, as Core Automotive Technologies, doing business as Keystone Restyling Products.

The Company operates in one business segment as a compounder of sheet molding composites (SMC) and molder of fiberglass reinforced plastics. The Company produces and sells both SMC compound and molded products for varied markets, including light, medium, and heavy-duty trucks, automobiles and automotive aftermarket, personal watercraft, and other commercial products.

2. Summary of Significant Accounting Policies

Principles of Consolidation The accompanying consolidated financial statements include the accounts of all subsidiaries after elimination of all intercompany accounts, transactions, and profits.

Use of Estimates The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosures of contingent assets and liabilities, and reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Revenue Recognition Revenue from product sales is recognized at the time products are shipped and title transfers. Allowances for returned products, chargebacks and other credits are estimated and recorded as revenue is recognized. Tooling revenue is recognized when the customer approves the tool and accepts ownership. Progress billings and expenses are shown net as an asset or liability on the Company's Consolidated Balance Sheet. Tooling in progress can fluctuate significantly from period to period and is dependent upon the stage of tooling projects and the related billing and expense payment timetable for individual projects and therefore does not necessarily reflect projected income or loss from tooling projects. At December 31, 2008, the Company has recorded a net liability related to tooling in progress of \$212,000, which represents approximately \$3,555,000 of progress tooling billings and \$3,343,000 of progress tooling expenses. At December 31, 2007, the Company had recorded a net liability related to tooling in progress of \$102,000, which represents approximately \$4,738,000 of progress tooling billings and \$4,636,000 of progress tooling expenses.

Cash and Cash Equivalents The Company considers all highly liquid investments purchased with an original maturity of three months or less to be cash equivalents. Cash is held primarily in one bank. At December 31, 2008 and 2007, the Company had no cash on hand and book overdrafts in the amount of \$1,864,000 and \$2,945,000, respectively which are recorded in accounts payable on the Consolidated Balance Sheet.

Accounts Receivable Allowances Management maintains allowances for doubtful accounts for estimated losses resulting from the inability of its customers to make required payments. If the financial condition of the Company's customers were to deteriorate, resulting in an impairment of their ability to make payments, additional allowances may be required. The Company had recorded an allowance for doubtful accounts of \$109,000 at December 31, 2008 and \$334,000 at December 31, 2007. Management also records estimates for chargebacks such as customer returns, customer rework chargebacks, discounts offered to customers, and price adjustments. Should these customer returns, chargebacks, discounts, and price adjustments fluctuate from the estimated amounts, additional allowances may be required. The Company has recorded an allowance for chargebacks of \$740,000 at December 31, 2008 and

\$1,576,000 at December 31, 2007. There have been no material changes in the methodology of these calculations.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

Inventories Inventories are stated at the lower of cost (first-in, first-out) or market. The Company has recorded an allowance for slow moving and obsolete inventory of \$490,000 at December 31, 2008 and \$294,000 at December 31, 2007.

Property, Plant, and Equipment Property, plant, and equipment are recorded at cost. Depreciation is provided on a straight-line method over the estimated useful lives of the assets. The carrying amount of long-lived assets is evaluated annually to determine if adjustment to the depreciation period or to the unamortized balance is warranted.

Ranges of estimated useful lives for computing depreciation are as follows:

| | |
|---------------------------|-------------|
| Land improvements | 20 years |
| Building and improvements | 20 40 years |
| Machinery and equipment | 3 15 years |
| Tools, dies and patterns | 3 5 years |

Depreciation expense was \$3,463,000, \$3,302,000, and \$2,613,000 for 2008, 2007, and 2006, respectively. In 2008, approximately \$82,000 of interest cost was capitalized in property, plant, and equipment. In 2007, approximately \$18,000 of interest cost was capitalized and in 2006 approximately \$125,000 of interest cost was capitalized.

Long-Lived Assets Long-lived assets consist primarily of property and equipment, goodwill, and a customer list. The recoverability of long-lived assets is evaluated by an analysis of operating results and consideration of other significant events or changes in the business environment. The Company evaluates whether impairment exists for property and equipment and the customer list on the basis of undiscounted expected future cash flows from operations before interest. For goodwill, the Company evaluates annually on December 31st whether impairment exists or at interim periods if an indicator of possible impairment exists. If impairment exists, the carrying amount of the long-lived assets is reduced to its estimated fair value, less any costs associated with the final settlement. For the years ended December 31, 2008, 2007, and 2006, there was no impairment of the Company's long-lived assets.

Self-insurance The Company is self-insured with respect to its Columbus and Batavia, Ohio and Gaffney, South Carolina medical and dental claims and Columbus and Batavia, Ohio workers' compensation claims. The Company has recorded an estimated liability for self-insured medical and dental claims incurred but not reported and worker's compensation claims incurred but not reported at December 31, 2008, and 2007 of \$1,109,000 and \$1,141,000, respectively.

Fair Value of Financial Instruments The Company's financial instruments consist of long-term debt, interest rate swaps, accounts receivable, and accounts payable. The carrying amount of these financial instruments approximated their fair value.

In September 2006, the FASB issued Statement No. 157 to define fair value, establish a framework for measuring fair value and to expand disclosures about Fair Value Measurements (SFAS No. 157). SFAS No. 157 defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements. SFAS No. 157 does not change the requirements to apply fair value in existing accounting standards. Under SFAS No. 157, fair value refers to the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants in the market in which the reporting entity transacts. The standard clarifies that fair value should be based on the assumptions market participants would use when pricing the asset or liability. To increase consistency and comparability in fair value measurements, SFAS No. 157 establishes a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value into three levels. The level in the fair value hierarchy disclosed is based on the lowest level of input that is significant to the fair value measurement. The three levels of the fair value hierarchy defined by SFAS No. 157 are as follows:

Level 1 inputs are quoted prices (unadjusted) in active markets for identical asset or liabilities that the company has the ability to access as of the reporting date.

Level 2 inputs are inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly through corroboration with observable market data.

Level 3 inputs are unobservable inputs, such as internally developed pricing models for the asset or liability due to little or no market activity for the asset or liability.

34

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

SFAS No. 157 became effective for the Company as of January 1, 2008. The provisions of SFAS No. 157 are to be applied prospectively, except for the initial impact on the following three items, which are required to be recorded as an adjustment to the opening balance of retained earnings in the year of adoption: (1) changes in fair value measurements of existing derivative financial instruments measured initially using the transaction price under EITF Issue No. 02-3, (2) existing hybrid financial instruments measured initially at fair value using the transaction price and (3) blockage factor discounts. Under the current disclosure requirements of SFAS 157, the Company's lone fair value measure is its interest rate swaps. The Company uses a calculation of future cash inflows and estimated future outflows related to the interest rate swaps, which are discounted and netted to determine the current fair value.

Additional inputs to the present value calculation include the contract terms, as well as market parameters such as current and projected interest rates and volatility. As they are based on observable data and valuations of similar instruments, the interest-rate swaps are categorized in Level 2 in the fair value hierarchy. For further discussion of the interest rate swaps see Note 6. The adoption of SFAS No. 157 did not have an impact on the Company's January 1, 2008 balance of retained earnings and is not anticipated to have a material impact prospectively.

In February 2008, the FASB issued FASB Staff Position No. FAS 157-2 (FSP 157-2), *Effective Date of FASB Statement No. 157*, which provides a one year deferral of the effective date of SFAS No. 157 for non-financial assets and non-financial liabilities, except those that are recognized or disclosed in the financial statements at fair value at least annually. In accordance with this interpretation, we have only adopted the provisions of SFAS No. 157 with respect to our financial assets and financial liabilities that are measured at fair value as of the beginning of fiscal year 2008. The provisions of SFAS No. 157 have not been applied to non-financial assets and non-financial liabilities. The major categories of non-financial assets and non-financial liabilities that are measured at fair value, for which we have not applied the provisions of SFAS No. 157, are as follows: reporting units measured at fair value in the first step of a goodwill impairment test and long-lived assets measured at fair value for an impairment assessment.

The following table presents financial liabilities measured and recorded at fair value at the Company's Consolidated Balance Sheet on a recurring basis and their level within the fair value hierarchy as of December 31, 2008:

| Recurring Fair Value Measurements (in millions) | Quoted Prices in Active Markets for Identical Assets (Level 1) | Significant Other Observable Inputs (Level 2) | Significant Unobservable Inputs (Level 3) | Balance as of December 31, 2008 |
|--|--|---|--|---------------------------------------|
| Liabilities | | | | |
| Interest rate swaps | \$ | \$ 502,000 | \$ | \$ 502,000 |
| Total | \$ | \$ 502,000 | \$ | \$ 502,000 |

Concentration of Credit Risk - The Company has significant transactions with two major customers (see Note 3), which together comprised 83%, 77%, and 72% of total sales in 2008, 2007, and 2006, respectively and 67% and 64% of the accounts receivable balances at December 31, 2008 and 2007, respectively. The Company performs ongoing credit evaluations of its customers' financial condition. The Company maintains reserves for potential bad debt losses, and such bad debt losses have been historically within the Company's expectations. Export sales, including sales to Canada and Mexico, for products provided to certain customers' manufacturing and service locations totaled 13%, 15%, and 20% of total sales for 2008, 2007, and 2006, respectively.

Earnings Per Common Share - Basic earnings per common share is computed based on the weighted average number of common shares outstanding during the period. Diluted earnings per common share are computed similarly

but include the effect of the assumed exercise of dilutive stock options and vesting of restricted stock under the treasury stock method.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)**

The computation of basic and diluted earnings per common share is as follows:

| | Years Ended December 31, | | |
|--|---------------------------------|--------------|---------------|
| | 2008 | 2007 | 2006 |
| Net income | \$ 5,643,486 | \$ 3,726,473 | \$ 10,410,647 |
| Weighted average common shares outstanding | 6,742,316 | 8,686,905 | 10,078,800 |
| Plus: dilutive options assumed exercised | 545,225 | 587,700 | 748,956 |
| Plus: weighted average non-vested restricted stock | 18,089 | 33,532 | 15,616 |
| Less: shares assumed repurchased with proceeds from exercise | 313,381 | 303,708 | 456,250 |
| Weighted average common and potentially issuable common shares outstanding | 6,992,249 | 9,004,429 | 10,387,122 |
| Basic earnings per common share | \$.84 | \$.43 | \$ 1.03 |
| Diluted earnings per common share | \$.81 | \$.41 | \$ 1.00 |

25,000 shares at December 31, 2008, 33,000 shares at December 31, 2007, and 51,000 shares at December 31, 2006 were not included in diluted earnings per share as they were anti-dilutive.

Research and Development Research and development costs, which are expensed as incurred, totaled approximately \$202,000 in 2008, \$223,000 in 2007, and \$254,000 in 2006.

Recent Accounting Pronouncements In February 2007, the FASB issued Statement No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities* (FAS 159), provides companies with an option to report selected financial assets and liabilities at fair value. The objective of FAS-159 is to reduce both complexity in accounting for financial instruments and the volatility in earnings caused by measuring related assets and liabilities differently. FAS-159 was effective for fiscal years beginning after November 15, 2007. The application of FAS-159 did not have any impact on the Company's earnings or financial position, because the Company did not elect to use the fair value option for any financial assets or liabilities.

In December 2007, the FASB issued SFAS No. 141R to improve the relevance, representational faithfulness, and comparability of information that a reporting entity provides in its financial reports regarding business combinations and its effects, including recognition of assets and liabilities, the measurement of goodwill and required disclosures. This Statement is effective for fiscal years, and interim periods within those fiscal years, beginning on or after December 15, 2008 and earlier adoption is prohibited. The Company is currently reviewing the provisions of SFAS No. 141R to determine the impact on future business combinations.

In December 2007, the FASB issued SFAS No. 160, *Non-controlling Interests in Consolidated Financial Statements, an amendment of ARB No. 51* (SFAS 160). The objective of SFAS 160 is to improve the relevance, comparability, and transparency of the financial information that a reporting entity provides in its consolidated financial statements by establishing certain accounting and reporting standards that address: the ownership interests in subsidiaries held by parties other than the parent; the amount of net income attributable to the parent and non-controlling interest; changes in the parent's ownership interest; and any retained non-controlling equity investment in a deconsolidated subsidiary. SFAS 160 is effective for fiscal years, and interim periods within those fiscal years, beginning on or after December 15, 2008. Early adoption of SFAS 160 is prohibited. We do not anticipate the adoption of SFAS 160 will have a material impact on our consolidated financial statements.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

In March 2008, the FASB issued SFAS No. 161, *Disclosures about Derivative Instruments and Hedging Activities* (SFAS 161). SFAS 161 is an amendment of FASB Statement No. 133, and requires enhanced disclosures about an entity's derivative and hedging activities and thereby improves the transparency of financial reporting. The Statement is effective prospectively for fiscal years beginning after November 15, 2008. Management is currently evaluating the impact of the provisions of FAS-161 on the consolidated financial statements.

In April 2008, the FASB issued FSP FAS 142-3, *Determination of the Useful Life of Intangible Assets* . FSP FAS 142-3 amends the factors an entity should consider in developing renewal or extension assumptions used in determining the useful life of recognized intangible assets under SFAS No. 142, *Goodwill and Other Intangible Assets* . This guidance for determining the useful life of a recognized intangible asset applies prospectively to intangible assets acquired individually or with a group of other assets in either an asset acquisition or business combination. FSP FAS 142-3 is effective for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2008, and early adoption is prohibited. FSP FAS 142-3 will be applied to any prospective acquisitions.

In May 2008, the FASB issued SFAS No. 162, *The Hierarchy of Generally Accepted Accounting Principles* (SFAS 162). SFAS 162 identifies a consistent framework, or hierarchy, for selecting accounting principles to be used in preparing financial statements that are presented in conformity with GAAP for nongovernmental entities (the Hierarchy). The Hierarchy within SFAS 162 is consistent with that previously defined in the American Institute of Certified Public Accountants (AICPA) Statement on Auditing Standards No. 69, *The Meaning of Present Fairly in Conformity With Generally Accepted Accounting Principles* (SAS 69). SFAS 162 is effective 60 days following the SEC's approval of the Public Company Accounting Oversight Board amendments to the AICPA's Auditing section No. 411, *The Meaning of Present Fairly in Conformity With Generally Accepted Accounting Principles*. SFAS 162 did not have a material effect on the Consolidated Financial Statements because we utilize the guidance within SAS 69.

In December 2008, the FASB issued FSP FAS 132(R)-1 to amend SFAS No. 132(R), to provide guidance on an employer's disclosures about plan assets of a defined benefit pension or other postretirement plan. FSP FAS 132(R)-1 is effective for fiscal years ending after December 15, 2009 with earlier adoption permitted. The Company is currently reviewing the additional disclosure requirements to determine the impact on the Consolidated Financial Statements and Notes to Consolidated Financial Statements.

Foreign Currency Adjustments In conjunction with the Company's acquisition of certain assets of Airshield Corporation, the Company established operations in Mexico. The functional currency for the Mexican operations is the United States dollar. All foreign currency asset and liability amounts are remeasured into United States dollars at end-of-period exchange rates. Income statement accounts are translated at the weighted monthly average rates. Gains and losses resulting from translation of foreign currency financial statements into United States dollars and gains and losses resulting from foreign currency transactions are included in current results of operations. Aggregate foreign currency translation and transaction losses (gains) included in Selling General and Administration totaled \$121,530 in 2008, \$5,975 in 2007, and (\$17,219) in 2006.

3. Major Customers

The Company currently has two major customers, Navistar, Inc. (Navistar) formerly known as International Truck & Engine Corporation, and PACCAR, Inc. (PACCAR). Major customers are defined as customers whose sales individually consist of more than ten percent of total sales. The loss of a significant portion of sales to Navistar, or PACCAR would have a material adverse effect on the business of the Company.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)**

The following table presents net sales for the above-mentioned customers for the years ended December 31, 2008, 2007, and 2006:

| | 2008 | 2007 | 2006 |
|------------------------|----------------|----------------|----------------|
| Navistar product sales | \$ 63,759,160 | \$ 45,306,691 | \$ 71,016,465 |
| Navistar tooling sales | 3,120,481 | 8,322,599 | 10,206,378 |
| Total Navistar sales | 66,879,641 | 53,629,290 | 81,222,843 |
| PACCAR product sales | 27,695,164 | 27,813,324 | 34,990,325 |
| PACCAR tooling sales | 2,505,368 | 12,518,169 | 1,232,015 |
| Total PACCAR sales | 30,200,532 | 40,331,493 | 36,222,340 |
| Other product sales | 19,084,322 | 27,925,041 | 44,166,808 |
| Other tooling sales | 490,340 | 826,063 | 717,999 |
| Total other sales | 19,574,662 | 28,751,104 | 44,884,807 |
| Total product sales | 110,538,646 | 101,045,056 | 150,173,598 |
| Total tooling sales | 6,116,189 | 21,666,831 | 12,156,392 |
| Total sales | \$ 116,654,835 | \$ 122,711,887 | \$ 162,329,990 |

4. Foreign Operations

In conjunction with the Company's acquisition of assets of Airshield Corporation on October 16, 2001, the Company established manufacturing operations in Mexico (under the Maquiladora program). The Mexican operation is a captive manufacturing facility of the Company and the functional currency is United States dollars. Essentially all sales of the Mexican operation are made to United States customers in United States dollars, which totaled \$18,500,000 in 2008, \$18,800,000 in 2007 and \$28,737,000 in 2006. Expenses are incurred in the United States dollar and the Mexican peso. Expenses incurred in pesos include labor, utilities, supplies and materials, and amounted to approximately 42% of sales in 2008, 41% of sales in 2007, and 33% of sales in 2006. The Company owns long-lived assets that are geographically located at the Mexican operation, which have a net book value of \$11,563,000 at December 31, 2008, of which \$8,787,000 is part of the construction of the Company's new manufacturing facility. The Company's manufacturing operation in Mexico is subject to various political, economic, and other risks and uncertainties inherent to Mexico. Among other risks, the Company's Mexican operations are subject to domestic and international customs and tariffs, changing taxation policies, and governmental regulations. In August of 2008, the Company entered into a construction agreement to begin building a new 437,000 square foot production facility in Matamoros, Mexico that will replace its leased facility. Occupancy is expected during the second quarter of 2009.

5. Property, Plant, and Equipment

Property, plant, and equipment consist of the following at December 31:

| | 2008 | 2007 |
|----------------------------|--------------|--------------|
| Land and land improvements | \$ 2,311,507 | \$ 2,311,507 |
| Buildings | 20,260,380 | 20,257,248 |
| Machinery and equipment | 37,740,971 | 36,062,831 |
| Tools, dies, and patterns | 773,254 | 765,268 |

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| | | |
|------------------------------------|---------------|---------------|
| Additions in progress | 10,884,526 | 510,056 |
| Total | 71,970,638 | 59,906,910 |
| Less accumulated depreciation | (33,155,187) | (29,691,245) |
| Property, plant, and equipment net | \$ 38,815,451 | \$ 30,215,665 |

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

Additions in progress at December 31, 2008 primarily relate to the construction of the new production facility in Mexico. Additions in progress at December 31, 2007 primarily relate to the purchase and installation of equipment at the Company's operating facilities. At December 31, 2008 and 2007, commitments for capital expenditures in progress were \$8,455,000 and \$486,000, respectively. Capitalized interest for the years ended December 31, 2008 and 2007 is \$82,000 and \$18,000 respectively.

6. Debt and Leases

| | December, 31 | |
|--|---------------------|--------------|
| | 2008 | 2007 |
| Construction loan payable to a bank for new manufacturing facility, interest at a variable rate with monthly payments of interest and principal over a seven-year period through May 2016 | 8,121,337 | |
| Construction loan payable to a bank, interest at a variable rate with annual principal and interest payments over a five-year period through May 2014 | | |
| Note payable to bank interest at a variable rate with monthly payments of interest and principal over a seven-year period through December 2010 | 2,678,563 | 3,964,279 |
| Industrial Revenue Bond, interest adjustable weekly (2008 average 2.68%; 2007 average 3.78%), payable quarterly, principal due in variable quarterly installments through April, 2013, secured by a bank letter of credit with a balance of \$3,332,000 and \$3,930,000 as of December 31, 2008 and 2007, respectively | 3,235,000 | 3,815,000 |
| Revolving line of credit, collateralized by all the Company's assets | \$ 1,193,965 | \$ 2,251,863 |
| Total | 15,228,865 | 10,031,142 |
| Less current portion | (4,099,681) | (4,117,579) |
| Long-term debt | \$ 11,129,184 | \$ 5,913,563 |

On December 9, 2008, the Company and its wholly owned subsidiary, CoreComposites de Mexico, S. de R.L. de C.V., entered into a Credit Agreement to refinance some existing debt and borrow funds for the Company's new manufacturing facility in Mexico.

Under this Credit Agreement, the Company has received certain loans, subject to the terms and conditions stated in the agreement, which include (i) a \$12,000,000 construction loan, (ii) an \$8,000,000 construction loan, (iii) an \$8,000,000 revolving line of credit, and (iv) a \$2,678,563 term loan to refinance an existing term loan. The Credit Agreement is secured by a guarantee of each U.S. subsidiary of the Company, and by a lien on substantially all of the present and future assets of the Company and its U.S. subsidiaries, except that only 65% of the stock issued by CoreComposites de Mexico, S. de C.V. has been pledged. The \$8,000,000 construction loan is also secured by substantially all of the present and future assets of the Company's Mexican subsidiary.

The \$12,000,000 construction loan, which had a balance of \$8,121,337 at December 31, 2008, is structured as a construction draw loan through May 31, 2009 to finance a portion of the Company's new production facility in Matamoros, Mexico. Commencing June 1, 2009 the construction draw loan will convert to a seven-year term loan with fixed monthly principal payments. The Company expects to make principal payments of approximately \$1,000,000 towards this loan in 2009, which are classified as current obligations on the Consolidated Balance Sheet.

Amounts borrowed under this loan may not be reborrowed once repaid. Borrowings made pursuant to this loan will bear interest, payable monthly at 30 day LIBOR rate plus

39

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

1.90% initially, subject to an adjusting scale as described in the Credit Agreement. The 30 day Libor rate was 0.45% at December 31, 2008.

The \$8,000,000 construction loan, which had not been drawn on at December 31, 2008, is also a construction draw loan to finance the new production facility in Matamoros, Mexico. This commitment has a five-year term with annual payment installments commencing January 31, 2010. Amounts borrowed under this loan may not be reborrowed once repaid. Borrowings made pursuant to this loan will bear interest, payable annually at daily LIBOR rate plus 1.90% initially, subject to an adjusting scale as described in the Credit Agreement. The Credit Agreement provides a floor to the daily LIBOR rate in effect of 1%.

On December 30, 2003, the Company borrowed \$9,000,000 in the form of a note payable collateralized by the Company's assets. The Credit Agreement entered into by the Company on December 9, 2008 provided for refinancing the Company's existing balance on this note. The terms of the refinance with respect to the amortization and repayment of the principal amount of such indebtedness were unchanged. Borrowings made pursuant to the refinanced term loan will bear interest, payable monthly at 30 day LIBOR rate plus 2.15%. The note payable had a balance of \$2,678,563 and \$3,964,279 at December 31, 2008 and 2007, respectively.

Industrial Revenue Bond

In May 1998, the Company borrowed \$7,500,000 through the issuance of an Industrial Revenue Bond (IRB). The IRB bears interest at a weekly adjustable rate and matures in April 2013. The maximum interest rate that may be charged at any time over the life of the IRB is 10%.

As security for the IRB, the Company obtained a letter of credit from a commercial bank, which has a balance of \$3,332,000 as of December 31, 2008. The Credit Agreement entered into by the Company on December 9, 2008 also included a commitment for this existing letter of credit. The letter of credit can only be used to pay principal and interest on the IRB. Any borrowings made under the letter of credit bear interest at the bank's prime rate and are secured by a lien and security interest in all of the Company's assets. The letter of credit expires in April 2010, and the Company intends to extend the letter of credit each year as required by the IRB.

Revolving Line of Credit

At December 31, 2008, the Company had available an \$8,000,000 variable rate bank revolving line of credit scheduled to mature on April 30, 2010. The line of credit bears interest at daily LIBOR plus 1.90% initially, subject to adjusting scale as described in the Credit Agreement. At December 31, 2008 there was a balance of \$1,194,000 on the bank revolving line of credit. There was an outstanding balance of \$2,252,000 on the bank revolving line of credit at December 31, 2007. The Credit Agreement provides a floor to the daily LIBOR rate in effect of 1%.

Annual maturities of long-term debt are as follows:

| | |
|------------|---------------|
| 2009 | \$ 4,100,000 |
| 2010 | 3,675,000 |
| 2011 | 2,552,000 |
| 2012 | 2,504,000 |
| 2013 | 2,134,000 |
| Thereafter | 264,000 |
| Total | \$ 15,229,000 |

Interest Rate Swaps

In conjunction with its variable rate Industrial Revenue Bond, the Company entered into an interest rate swap agreement, which is designated as a cash flow hedging instrument. Under this agreement, the Company pays a fixed rate of 4.89% to the bank and receives 76% of the 30-day commercial paper rate. The swap term and notional amount matches the payment schedule on the IRB with final maturity in April 2013. The difference paid or received varies as short-term interest rates

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)**

change and is accrued and recognized as an adjustment to interest expense. While the Company is exposed to credit loss on its interest rate swap in the event of non-performance by the counterparty to the swap, management believes such non-performance is unlikely to occur given the financial resources of the counterparty. The effectiveness of the swap is assessed at each financial reporting date by comparing the commercial paper rate of the swap to the benchmark rate underlying the variable rate of the Industrial Revenue Bond. In all periods presented this cash flow hedge was highly effective; any ineffectiveness was recorded to interest expense. Interest expense of \$51,556 and \$34,664 was recorded for the year ended December 31, 2008 and 2007, respectively, related to ineffectiveness of the swap. The fair value of the swap was a liability of \$322,108 and \$228,156 as of December 31, 2008 and December 31, 2007, respectively. None of the changes in fair value of the interest rate swap have been excluded from the assessment of hedge effectiveness.

Effective January 1, 2004, the Company entered into an interest rate swap agreement, which is designated as a cash flow hedge of the December 30, 2003 borrowing. Under this agreement, the Company pays a fixed rate of 5.75% to the bank and receives LIBOR plus 200 basis points. The swap term and notional amount matches the payment schedule on the secured note payable with final maturity in January 2011. The interest rate swap is a highly effective hedge because the amount, benchmark interest rate index, term, and repricing dates of both the interest rate swap and the hedged variable interest cash flows are substantially the same. The fair value of the swap was a liability of \$79,973 and an asset of \$4,590 as of December 31, 2008 and December 31, 2007, respectively. While the Company is exposed to credit loss on its interest rate swap in the event of non-performance by the counterparty to the swap, management believes that such non-performance is unlikely to occur given the financial resources of the counterparty.

Effective December 18, 2008, the Company entered into an interest rate swap agreement that will be in effect beginning May 1, 2009, which is designated as a cash flow hedge of the \$12,000,000 construction loan. Under this agreement, the Company pays a fixed rate of 2.30% to the bank and receives LIBOR. The swap term and notional amount matches the payment schedule on the secured note payable with final maturity in May 2016. The interest rate swap is a highly effective hedge because the amount, benchmark interest rate index, term, and repricing dates of both the interest rate swap and the hedged variable interest cash flows are substantially the same. The fair value of the swap was a liability of \$100,300 at December 31, 2008; the swap did not exist at December 31, 2007. While the Company is exposed to credit loss on its interest rate swap in the event non-performance by the counterparty to the swap, management believes that such non-performance is unlikely to occur given the financial resources of the counterparty. Interest expense includes \$143,000 of expense in 2008, \$28,000 of income in 2007, and \$26,000 of income in 2006 for settlements related to the swaps.

Bank Covenants

The Company is required to meet certain financial covenants included in its debt agreements with respect to leverage ratios, fixed charge ratios, capital expenditures as well as other customary affirmative and negative covenants. As of December 31, 2008, the Company was in compliance with its financial debt covenants for the Line of Credit, the secured note payable, the two construction loans related to the new facility in Mexico, the letter of credit securing the Industrial Revenue Bond and certain equipment leases.

On March 31, 2009, the Company entered into a first amendment to the Credit Agreement with KeyBank (the First Amendment). Pursuant to the terms of the First Amendment, the lender agreed to modify certain terms of the Credit Agreement. These modifications included (1) modification of the definition of EBITDA to add back transition costs up to \$3,200,000 associated with the transition and startup of the new production facility in Matamoros and add back non-cash compensation expense recorded under SFAS 123R (2) modification of the fixed charge definition to exclude from consolidated interest expense any measure of ineffectiveness from interest rate swaps and amortization of loan origination and issuance costs (3) modification of the leverage ratio from 3.0x to 3.2x at June 30, 2009, 3.4x at September 30, 2009, and 3.2x at December 31, 2009 (4) increase the applicable margin for interest rates applicable to LIBOR loans effective March 31, 2009 to 400 basis points for both construction loans and the revolving line of credit; all rates decrease 25 basis points upon reaching a leverage ratio of less than 2.25 to 1.00 (5) increase the letter of credit fee on the Industrial Revenue Bond to 300 basis points (6) increase the 1% Libor floor on the \$8,000,000 construction

loan and revolving line of credit to 1.5% and(7) implement a 1.5% Libor floor on the \$12,000,000 construction loan. Based on the Company's forecasts which are primarily based on industry analysts' estimates of 2009 heavy and medium-duty truck production volumes as well as other assumptions management believes to be reasonable, management believes that the Company will be able to maintain compliance with the covenants as amended under the First Amendment to the Credit Agreement for the next 12 months. Management believes that cash flow from operating activities together with available borrowings under the Credit Agreement will be sufficient to meet Core Molding Technologies liquidity needs. However, if a material adverse change in the financial position of Core Molding Technologies should occur, or if actual sales or expenses are substantially different than what has been forecasted, Core Molding Technologies' liquidity and ability to obtain further financing to fund future operating and capital requirements could be negatively impacted.

Leases

In August 2005, in conjunction with the acquisition of the Cincinnati Fiberglass Division of Diversified Glass, Inc., Core Composites Cincinnati, LLC entered into a 7-year operating lease agreement through July 2012 for the manufacturing facility located in Batavia, Ohio. The Company has the option to terminate the lease effective any time after July 31, 2006, by

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

providing written notice to the lessor no later than 90 days prior to intended termination date. The Company has the option to purchase the property at the end of every lease year.

In October 2001, in conjunction with the Airshield Asset Acquisition, the Company's Mexican subsidiary entered into a 10-year operating lease agreement through October 2011 for a manufacturing facility in Matamoros, Mexico. The Company has an option to purchase the facility at any time during the first seven years. The Company may cancel the lease upon giving six months notice to the lessor. The Company has given notice to the lessor of intent to terminate the lease in June 2009.

Total rental expense was \$2,323,000, \$2,611,000, and \$3,892,000 for 2008, 2007, and 2006, respectively. The future minimum lease payments under non-cancelable operating leases that have lease terms in excess of one year are as follows:

| | |
|------------------------------|------------|
| 2009 | \$ 362,000 |
| 2010 | 338,000 |
| 2011 | 11,000 |
| Total minimum lease payments | \$ 711,000 |

7. Equity**Treasury Stock**

On July 18, 2007, the Company entered into a stock repurchase agreement with Navistar, pursuant to which the Company repurchased 3,600,000 shares of the Company's common stock, from Navistar in a privately negotiated transaction at \$7.25 per share, for a total purchase price of \$26,100,000. Navistar continues to be a significant stockholder of the Company's common stock with 664,000 shares, or approximately 9.8% of the shares outstanding after the repurchase. Navistar is also the Company's largest customer, accounting for approximately 57% of the Company's 2008 sales. The Company used approximately \$19 million of existing cash and \$7.1 million from its revolving line of credit to fund the repurchase. The Company also incurred approximately \$115,000 in costs related to the stock repurchase agreement, which are recorded as part of the cost of its treasury stock.

Anti-takeover Measures

The Company's Certificate of Incorporation and By-laws contain certain provisions designed to discourage specific types of transactions involving an actual or threatened change of control of the Company. These provisions, which are designed to make it more difficult to change majority control of the Board of Directors without its consent, include provisions related to removal of Directors, the approval of a merger and certain other transactions as outlined in the Certificate of Incorporation and any amendments to those provisions.

Restrictions on Transfer

On July 16, 2007, the Board of Directors approved a Shareholders Rights Plan (the Plan) in conjunction with the approval of the repurchase of shares of stock from Navistar. The Plan was implemented to protect the interests of the Company's stockholders by encouraging potential buyers to negotiate directly with the Board prior to attempting a takeover. Under the Plan, each stockholder will receive a dividend of one right per share of common stock of the Company owned on the record date, July 18, 2007. The rights will not initially be exercisable until, subject to action by the Board of Directors, a person acquires 15% or more of the voting stock without approval of the Board. If the rights become exercisable, all holders except the party triggering the rights shall be entitled to purchase shares of the Company at a discount. Each right entitles the registered holder to purchase from the Company a unit consisting of one one-thousandth of a share of Series A Junior Participating Preferred Stock, par value \$0.01 per share. In connection with the adoption of the Rights Agreement, on July 18, 2007, the Company filed a Certificate of Designations of Series A Junior Participating Preferred Stock with the Secretary of State of the State of Delaware. The Company's Certificate of Incorporation contains a provision (the Prohibited Transfer Provision) designed to help assure the continued availability of the Company's previous substantial net operating loss and capital loss

carryforwards by

42

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

seeking to prevent an ownership change as defined under current Treasury Department income tax regulations. Under the Prohibited Transfer Provision, if a stockholder transfers or agrees to transfer stock, the transfer will be prohibited and void to the extent that it would cause the transferee to hold a Prohibited Ownership Percentage (as defined in the Company's Certificate of Incorporation, but generally, means direct and indirect ownership of 4.5% or more of the Company's common stock) or if the transfer would result in the transferee's ownership increasing if the transferee had held a Prohibited Ownership Percentage within the three prior years or if the transferee's ownership percentage already exceeds the Prohibited Ownership Percentage under applicable Federal income tax rules. The Prohibited Transfer Provision does not prevent transfers of stock between persons who do not hold a Prohibited Ownership Percentage.

8. Stock Based Compensation

Core Molding Technologies has a Long Term Equity Incentive Plan (the 2006 Plan), as approved by the shareholders in May 2006. This 2006 Plan replaced the Long Term Equity Incentive Plan (the Original Plan) as originally approved by the shareholders in May 1997 and as amended in May 2000. The 2006 Plan allows for grants to directors and key employees of non-qualified stock options, incentive stock options, stock appreciation rights, restricted stock, performance shares, performance units, and other incentive awards (Stock Awards) up to an aggregate of 3,000,000 awards, each representing a right to buy a share of Core Molding Technologies common stock. Stock Awards can be granted under the 2006 Plan through the earlier of December 31, 2015, or the date the maximum number of available awards under the 2006 Plan have been granted.

The options that have been granted under the 2006 Plan have vesting schedules of five or nine and one-half years from the date of grant, or immediately upon change in ownership, are not exercisable after ten years from the date of grant, and were granted at prices which equal or exceed the fair market value of Core Molding Technologies common stock at the date of grant. Restricted stock granted under the 2006 Plan require the individuals receiving the grants to maintain certain common stock ownership thresholds and vest over three years or upon the date of the participants sixty-fifth birthday, death, disability or change in control.

Effective January 1, 2006, Core Molding Technologies adopted the provisions of Statement of Financial Accounting Standards No. 123 (revised 2004), Share-Based Payment (SFAS No.123R) requiring that compensation cost relating to share-based payment transactions be recognized in the financial statements. The cost is measured at the grant date, based on the calculated fair value of the award, and is recognized as an expense over the employee's requisite service period (generally the vesting period of the equity award). Core Molding Technologies adopted SFAS No. 123R using the modified prospective method. Under this method, the provisions of SFAS 123R apply to all awards granted or modified after the date of adoption. In addition, compensation expense must be recognized for any unvested stock option awards outstanding as of the date of adoption on a straight-line basis over the remaining vesting period.

Stock Options

There were no grants of options in the years ended December 31, 2008, 2007 and 2006. Total compensation cost related to incentive stock options for the years ended December 31, 2008, 2007 and 2006 was \$98,536, \$129,671 and \$243,220, respectively. Compensation expense is allocated such that \$81,573, \$96,687, and \$186,151 is included in selling, general, and administrative expenses and \$16,963, \$32,984 and \$57,069 is recorded in cost of sales for the year ended December 31, 2008, 2007 and 2006, respectively. There was no tax benefit recorded for this compensation cost as the expense primarily relates to incentive stock options that do not qualify for a tax deduction until, and only if, a disqualifying disposition occurs.

During the year ended December 31, 2008, Core Molding Technologies received approximately \$100,000 in cash from the exercise of stock options. The aggregate intrinsic value of these options was approximately \$116,000. In 2008, the Company received a tax benefit of \$1,000 as a result of disqualified dispositions. During the year ended December 31, 2007, Core Molding Technologies received approximately \$358,000 in cash from the exercise of stock options. The aggregate intrinsic value of these options was approximately \$641,000. Tax benefit received as a result of disqualified dispositions was \$116,000. During the year ended December 31, 2006, Core Molding Technologies received approximately \$485,000 in cash from the exercise of stock options. The aggregate intrinsic value of these options was approximately \$896,000. Tax benefit received as a result of disqualified dispositions was \$280,000.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)**

The following summarizes all stock option activity for the years ended December 31:

| | 2008 | | 2007 | | 2006 | |
|--------------------------------|-------------------------|--|-------------------------|--|-------------------------|--|
| | Number of Options | Weighted Average Exercise Price | Number of Options | Weighted Average Exercise Price | Number of Options | Weighted Average Exercise Price |
| Outstanding- beginning of year | 620,700 | \$ 3.33 | 799,956 | \$ 3.35 | 1,032,700 | \$ 3.33 |
| Granted | | | | | | |
| Exercised | (32,000) | 3.13 | (115,256) | 3.11 | (152,270) | 3.19 |
| Forfeited | (18,475) | 4.60 | (64,000) | 3.96 | (80,474) | 3.45 |
| Outstanding-end of year | 570,225 | \$ 3.30 | 620,700 | \$ 3.33 | 799,956 | \$ 3.35 |
| Exercisable at December 31 | 481,395 | \$ 3.29 | 458,350 | \$ 3.28 | 493,176 | \$ 3.23 |

The following summarizes the activity relating to stock options under the Original Plan mentioned above for the year ended December 31, 2008:

| | Number of Shares | Weighted Average Exercise Price | Weighted Average Remaining Contractual Term | Aggregate Intrinsic Value |
|---|------------------------|--|---|---------------------------------|
| Outstanding at December 31, 2007 | 620,700 | \$ 3.33 | | |
| Exercised | (32,000) | 3.13 | | \$ 116,000 |
| Granted | | | | |
| Forfeited | (18,475) | 4.60 | | |
| Outstanding at December 31, 2008 | 570,225 | \$ 3.30 | 5.29 | \$ |
| Exercisable at December 31, 2008 | 481,395 | \$ 3.29 | 5.18 | \$ |
| Vested or expected to vest at December 31, 2008 | 565,784 | \$ 3.30 | 5.29 | \$ |

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)**

The following summarizes the status of, and changes to, unvested options during the years ended December 31, 2008, 2007 and 2006:

| | Number Of Shares | Weighted Average Grant Date Fair Value |
|-------------------------------|------------------------|---|
| Unvested at December 31, 2005 | 518,072 | 3.49 |
| Granted | | |
| Vested | (130,818) | 3.39 |
| Forfeited | (80,474) | 3.45 |
| Unvested at December 31, 2006 | 306,780 | 3.54 |
| Granted | | |
| Vested | (83,930) | 3.36 |
| Forfeited | (60,500) | 4.24 |
| Unvested at December 31, 2007 | 162,350 | \$ 3.46 |
| Granted | | |
| Vested | (62,720) | 3.38 |
| Forfeited | (10,800) | 4.67 |
| Unvested at December 31, 2008 | 88,830 | 3.37 |

At December 31, 2008, there was \$146,000 of total unrecognized compensation cost, related to unvested stock options granted under the Original Plan expected to be recognized over a weighted average of 1.8 years.

The following table summarizes information about stock options outstanding and exercisable as of December 31, 2008:

| Range of Exercise Prices | Options Outstanding | | Options Exercisable |
|-----------------------------|----------------------|--|------------------------|
| | Number of Options | Weighted Average Contractual Life In Years | Number of Options |
| \$2.75 | 85,600 | 4.2 | 37,400 |
| \$3.21 | 419,625 | 5.1 | 404,995 |
| \$3.28 | 40,000 | 6.2 | 24,000 |
| \$6.40 | 20,000 | 6.8 | 12,000 |
| \$7.98 | 5,000 | 7.0 | 3,000 |
| | 570,225 | | 481,395 |

Restricted Stock

In May of 2006, Core Molding Technologies began awarding shares of its common stock to certain directors, officers, and key executive employees in the form of unvested stock (Restricted Stock). These awards will be recorded at the

market value of Core Molding Technologies common stock on the date of issuance and amortized ratably as compensation expense over the applicable vesting period.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries**
Notes to Consolidated Financial Statements (Continued)

The following summarizes the status of the Restricted Stock and changes during the years ended December 31:

| | 2008 | | 2007 | | 2006 | |
|--|------------------------|--------------------------------------|------------------------|--------------------------------------|------------------------|--------------------------------------|
| | Number of Shares | Weighted Average Fair Value | Number of Shares | Weighted Average Fair Value | Number of Shares | Weighted Average Fair Value |
| Unvested- beginning of year | 61,416 | \$ 7.02 | 22,972 | \$ 6.70 | | \$ |
| Granted | 41,635 | 7.01 | 51,105 | 7.15 | 36,305 | 6.70 |
| Vested | (5,919) | 6.99 | (8,008) | 7.09 | (10,870) | 6.70 |
| Forfeited | (12,026) | 7.09 | (4,653) | 6.70 | (2,463) | 6.70 |
| Unvested at end of year | 85,106 | \$ 7.01 | 61,416 | \$ 7.02 | 22,972 | \$ 6.70 |
| Vested and expected to vest at December 31 | 105,648 | \$ 6.99 | 77,223 | \$ 6.98 | 32,675 | \$ 6.70 |

As of December 31, 2008 there was \$313,000 of total unrecognized compensation cost related to Restricted Stock granted. That remaining cost is expected to be recognized over the weighted-average period of 1.90 years. The total compensation expense during the years ended December 31, 2008, 2007 and 2006 was \$189,000, \$139,000 and \$96,000, respectively, and was recorded as selling, general, and administrative expense.

9. Income Taxes

Components of the provision (credit) for income taxes are as follows:

| | 2008 | 2007 | 2006 |
|----------------------------|--------------|--------------|--------------|
| Current: | | | |
| Federal US | \$ 2,639,000 | \$ 1,606,000 | \$ 3,284,000 |
| Federal Foreign | 71,000 | 137,000 | 104,000 |
| State and local | 157,000 | (202,000) | 569,000 |
| | 2,867,000 | 1,541,000 | 3,957,000 |
| Deferred: | | | |
| Federal | (37,000) | (142,000) | 1,655,000 |
| State and local | 27,000 | 269,000 | (10,000) |
| | (10,000) | 127,000 | 1,645,000 |
| Provision for income taxes | \$ 2,857,000 | \$ 1,668,000 | \$ 5,602,000 |

A reconciliation of the income tax provision based on the federal statutory income tax rate of 34% to the Company's income tax provision for the years ended December 31 is as follows:

| | 2008 | 2007 | 2006 |
|--|--------------|--------------|--------------|
| Provision at federal statutory rate US | \$ 2,890,000 | \$ 1,834,000 | \$ 5,444,000 |

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| | | | |
|---|--------------|--------------|--------------|
| Effect of foreign taxes | (47,000) | (81,000) | (81,000) |
| State and local tax expense, net of federal benefit | 128,000 | 83,000 | 407,000 |
| Federal manufacturing deduction | (141,000) | (98,000) | (106,000) |
| Other | 27,000 | (70,000) | (62,000) |
| Provision for income taxes | \$ 2,857,000 | \$ 1,668,000 | \$ 5,602,000 |

The American Jobs Creation Act provides a tax deduction calculated as a percentage of qualified income from manufacturing in the United States. The deduction percentage increases from 3% to 9% over a six-year period beginning in 2005. The amount of the deduction available to the Company in 2006 and 2007 was \$316,000 and \$297,000, respectively and the deduction is estimated to be \$415,000 in 2008. In December 2004, the FASB issued a new staff position providing for this deduction to be treated as a special deduction, as opposed to a tax rate reduction in accordance with SFAS No. 109.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

Certain tax benefits related to incentive stock options recorded directly to additional paid in capital totaled \$1,000, \$116,000 and \$280,000 in 2008, 2007 and 2006, respectively.

Deferred tax assets (liabilities) consist of the following at December 31:

| | 2008 | 2007 |
|------------------------------------|------------------|------------------|
| Current asset(liability): | | |
| Accrued liabilities | \$ 1,083,000 | \$ 674,000 |
| Accounts receivable | 301,000 | 672,000 |
| Inventory | 543,000 | 376,000 |
| Other, net | (58,000) | (96,000) |
| Total current asset | 1,869,000 | 1,626,000 |
| Non-current asset (liability): | | |
| Property, plant, and equipment | (314,000) | 425,000 |
| Postretirement benefits | 5,637,000 | 5,842,000 |
| Interest rate swap | 153,000 | 76,000 |
| Other, net | (157,000) | (170,000) |
| Total non-current asset | 5,319,000 | 6,173,000 |
| Total deferred tax asset net | \$ 7,188,000 | \$ 7,799,000 |

At December 31, 2008, a provision has not been made for U.S. taxes on accumulated undistributed earnings of approximately \$2,407,000 of the Company's Mexican subsidiary that would become payable upon repatriation to the United States. It is the intention of the Company to reinvest all such earnings in operations and facilities outside of the United States.

On January 1, 2007, the Company adopted the provisions of FIN 48. As a result of the implementation of FIN 48, the Company recognized a \$68,000 increase to the opening balance of retained earnings. This increase is represented by the recognition of state tax benefits of \$212,000 and related accrued interest receivable of \$16,000. These benefits generate a federal tax liability of \$60,000. The Company also recorded a liability for unrecognized tax benefits of \$52,000 and \$48,000 related to uncertain state and foreign tax positions, respectively, and the amounts were recorded in accrued taxes in the Consolidated Balance Sheet.

During 2007 the liability was reduced by \$48,000 due to settlement of a foreign tax case. Also during 2007, the Company reduced the remaining \$52,000 liability for unrecognized tax benefits related to uncertain state tax positions by \$28,000 due to favorable settlement. In 2008, the remaining \$24,000 related to uncertain state tax positions was reduced due to favorable resolution. These amounts were recorded to income tax expense in each of the respective years. At December 31, 2008 the Company has no liability for unrecognized tax benefits under FIN 48. The Company does not anticipate that the unrecognized tax benefits will significantly change within the next twelve months.

The 2006 federal tax return is currently under an IRS audit; however, there have been no findings at this time. There are no state or foreign income tax audits in process. During the year ended December 31, 2008 and 2007, the Company recorded interest income of \$9,000 and \$9,000, respectively from state tax refunds, which was classified as a reduction of income tax expense.

The Company files income tax returns in the U.S. federal jurisdiction, Mexico and various state jurisdictions. The Company is no longer subject to U.S. federal and state income tax examinations by tax authorities for years before

2005 due to the expiration of the statute of limitations and is subject to income tax examinations by Mexican authorities since the Company began business in Mexico in 2001.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)****10. Postretirement Benefits**

The Company provides postretirement benefits to some of its United States employees. Costs associated with postretirement benefits include postretirement health care and life insurance expense and expense related to contributions to two 401(k) defined contribution plans. In addition, all of the Company's United States union employees are covered under a multi-employer defined benefit pension plan administered under a collective bargaining agreement. The Company does not administer this plan and contributions are determined in accordance with provisions in the negotiated labor contract.

Prior to the acquisition of Columbus Plastics, certain of the Company's employees were participants in Navistar's postretirement plan. In connection with the acquisitions the postretirement health and life insurance plan provides healthcare and life insurance for certain employees upon their retirement, along with their spouses and certain dependents and requires cost sharing between the Company, Navistar and the participants in the form of premiums, co-payments, and deductibles. The Company and Navistar share the cost of benefits for certain employees, using a formula that allocates the cost based upon the respective portion of time that the employee was an active service participant after the acquisition of Columbus Plastics to the period of active service prior to the acquisition of Columbus Plastics.

The funded status of the Company's postretirement health and life insurance benefits plan as of December 31, 2008 and 2007 and reconciliation with the amounts recognized in the consolidated balance sheets are provided below:

| | Postretirement Benefits | |
|--|--------------------------------|----------------------|
| | 2008 | 2007 |
| Change in benefit obligation: | | |
| Benefit obligation at beginning of year | \$ 16,442,000 | \$ 16,107,000 |
| Service cost | 637,000 | 798,000 |
| Interest cost | 1,049,000 | 995,000 |
| Unrecognized gain | (1,837,000) | (1,215,000) |
| Benefits paid | (413,000) | (243,000) |
| Benefit obligation at end of year | \$ 15,878,000 | \$ 16,442,000 |

Plan Assets

| | | |
|--|--------------|--------------|
| Amounts recorded in other comprehensive income: | \$ 1,294,000 | \$ 3,259,000 |
|--|--------------|--------------|

Weighted-average assumptions as of December 31:

| | | |
|---|-------|-------|
| Discount rate used to determine benefit obligation | 6.10% | 6.50% |
| Discount rate used to determine net periodic benefit cost | 6.10% | 5.90% |

The components of expense for all of the Company's postretirement benefits plans are as follows:

| | 2008 | 2007 | 2006 |
|---|-------------|-------------|-------------|
| Pension Expense: | | | |
| Multi-employer plan contributions | \$ 535,000 | \$ 424,000 | \$ 423,000 |
| Defined contribution plan contributions | 414,000 | 452,000 | 510,000 |

| | | | |
|--|---------------------|---------------------|---------------------|
| Total pension expense | 949,000 | 876,000 | 933,000 |
| Health and life insurance: | | | |
| Service cost | 637,000 | 798,000 | 797,000 |
| Interest cost | 1,049,000 | 995,000 | 862,000 |
| Amortization of net loss | 128,000 | 267,000 | 300,000 |
| Net periodic benefit cost | 1,814,000 | 2,060,000 | 1,959,000 |
| Total postretirement benefits expense | \$ 2,763,000 | \$ 2,936,000 | \$ 2,892,000 |

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries****Notes to Consolidated Financial Statements (Continued)**

Effective December 31, 2006, the Company adopted SFAS No. 158, which requires the recognition of the funded status of a defined benefit pension or postretirement plan in the consolidated statements of financial position. For the year ended December 31, 2008, the Company recognized net actuarial gains of \$1,837,000 on the Consolidated Balance Sheet. This amount was recorded as other comprehensive income in the amount of \$1,184,000, net of tax, for the year ended December 31, 2008. For the year ended December 31, 2007, the Company recognized net actuarial gains of \$1,215,000 on the Consolidated Balance Sheet. This amount was recorded as other comprehensive income in the amount of \$730,000, net of tax, for the year ended December 31, 2007. Upon adoption at December 31, 2006, the Company recognized net actuarial losses of \$4,740,000 on the Consolidated Balance Sheet. This was recorded as other comprehensive loss in the amount of \$3,000,000, net of tax.

Amounts not yet recognized as a component of net periodic benefit costs at December 31, 2008 and 2007 were approximately \$1,294,000 and \$3,259,000, respectively. The amount in accumulated other comprehensive loss expected to be recognized as a component of net periodic post retirement costs during 2009 is zero due to unrecognized loss being less than ten percent of accumulated postretirement benefit obligations.

The weighted average rate of increase in the per capita cost of covered health care benefits is projected to be 7%. The rate is projected to decrease gradually to 5% by the year 2015 and remain at that level thereafter. The comparable assumptions for the prior year were 8% and 5%, respectively.

The effect of changing the health care cost trend rate by one-percentage point for each future year is as follows:

| | 1- Percentage Point Increase | 1-Percentage Point Decrease |
|---|---|--|
| Effect on total of service and interest cost components | \$ 300,000 | \$ (244,000) |
| Effect on postretirement benefit obligation | \$2,495,000 | \$ (2,043,000) |

The estimated future benefit payments of the health care plan are:

| | |
|--------------------|-------------|
| Fiscal 2009 | \$ 520,000 |
| Fiscal 2010 | \$ 394,000 |
| Fiscal 2011 | \$ 496,000 |
| Fiscal 2012 | \$ 624,000 |
| Fiscal 2013 | \$ 751,000 |
| Fiscal 2014 - 2018 | \$5,099,000 |

11. Related Party Transactions

In connection with the acquisition of Columbus Plastics, the Company and Navistar entered into a Supply Agreement. Under the terms of the Supply Agreement, Navistar agreed to purchase from the Company, and the Company agreed to sell to Navistar all of Navistar's original equipment and service requirements for fiberglass reinforced parts using the Sheet Molding Compound process as they then existed or as they may be improved or modified. In June 2008, the Company entered into a new Comprehensive Supply Agreement, which was effective as of June 24, 2008. Under this Comprehensive Supply Agreement, the Company remains the primary supplier of Navistar's original equipment and service requirements for fiberglass reinforced parts, as long as the Company remains competitive in cost, quality and delivery, through October 31, 2013.

In 1996, the Company acquired substantially all of the assets and liabilities of the Columbus Plastics unit from Navistar, in return for a secured note, which has been repaid, and 4,264,000 shares of Common Stock of the Company. On July 18, 2007, the Company entered into a stock repurchase agreement with Navistar, pursuant to which the Company repurchased 3,600,000 shares of common stock, from Navistar as detailed in Note 7. At December 31, 2008, Navistar owns 9.8% of the Company's outstanding common stock. Sales to Navistar were \$66,880,000 in 2008, \$53,629,000 in 2007 and \$81,223,000 in 2006, of which \$7,310,000 and \$6,144,000 had not been received as of December 31, 2008 and 2007 and were included in accounts receivable. Accounts receivables as of December 31,

2008 and 2007 also include \$102,000 and \$443,000 respectively, for tooling costs owed by Navistar.

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Notes to Consolidated Financial Statements (Continued)****12. Labor Concentration**

As of December 31, 2008, the Company employed a total of 933 employees, which consists of 562 employees in its United States operations and 371 employees in its Mexican operations. Of these 933 employees, 312 are covered by a collective bargaining agreement with the International Association of Machinists and Aerospace Workers (IAM), which extends to August 4, 2010, and 292 are covered by a collective bargaining agreement with Sindicato de Jornaleros y Obreros, which extends to January 16, 2010.

13. Commitments and Contingencies

From time to time, the Company is involved in litigation incidental to the conduct of its business. However, the Company is presently not involved in any legal proceedings which in the opinion of management are likely to have a material adverse effect on the Company's consolidated financial position or results of operations.

14. Quarterly Results of Operations (Unaudited)

The following is a summary of the unaudited quarterly results of operations for the years ended December 31, 2008 and 2007.

| | 1st Quarter | 2nd Quarter | 3rd Quarter | 4th Quarter | Total Year |
|--------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|
| 2008: | | | | | |
| Product sales | \$ 25,983,212 | \$ 29,395,247 | \$ 29,497,102 | \$ 25,663,085 | \$ 110,538,646 |
| Tooling sales | 3,102,225 | 543,447 | 533,461 | 1,937,056 | 6,116,189 |
| Net sales | 29,085,437 | 29,938,694 | 30,030,563 | 27,600,141 | 116,654,835 |
| Gross margin | 4,316,206 | 5,620,963 | 6,037,862 | 5,234,552 | 21,209,583 |
| Income before interest and taxes (1) | 1,501,871 | 2,627,145 | 2,851,822 | 2,208,748 | 9,189,585 |
| Net income (1) | 864,153 | 1,716,261 | 1,687,927 | 1,375,144 | 5,643,486 |
| Net income per common share: | | | | | |
| Basic (1) | \$ 0.13 | \$ 0.25 | \$ 0.25 | \$ 0.20 | \$ 0.84 |
| Diluted (1) | \$ 0.12 | \$ 0.24 | \$ 0.24 | \$ 0.20 | \$ 0.81 |
| 2007: | | | | | |
| Product sales | \$ 30,650,936 | \$ 24,685,106 | \$ 23,744,611 | \$ 21,964,403 | \$ 101,045,056 |
| Tooling sales | 578,155 | 13,610,170 | 6,175,333 | 1,303,173 | 21,666,831 |
| Net sales | 31,229,091 | 38,295,276 | 29,919,944 | 23,267,576 | 122,711,887 |
| Gross margin | 4,825,686 | 4,605,074 | 4,079,067 | 3,458,155 | 16,967,982 |
| Income before interest and taxes | 1,734,103 | 1,817,912 | 1,292,471 | 724,736 | 5,569,222 |
| Net income | 1,212,770 | 1,266,133 | 717,182 | 530,388 | 3,726,473 |
| Net income per common share: | | | | | |
| Basic (1) | \$ 0.12 | \$ 0.12 | \$ 0.10 | \$ 0.08 | \$ 0.43 |
| Diluted (1) | \$ 0.11 | \$ 0.12 | \$ 0.09 | \$ 0.08 | \$ 0.41 |

(1) Sum of the quarters do not sum to total year due to rounding.

Table of Contents

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

Not applicable.

ITEM 9A(T). CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

As of the end of the period covered by this report, the Company has carried out an evaluation, under the supervision and with the participation of its management, including its Chief Executive Officer and its Chief Financial Officer, of the effectiveness of the design and operation of its disclosure controls and procedures (as defined in Rule 13a-15(e) of the Exchange Act). Based upon this evaluation, the Company's management, including its Chief Executive Officer and its Chief Financial Officer, concluded that the Company's disclosure controls and procedures were (i) effective to ensure that information required to be disclosed in the Company's reports filed or submitted under the Exchange Act were accumulated and communicated to the Company's management, including its Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosures, and (ii) effective to ensure that information required to be disclosed in the Company's reports filed or submitted under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commissions rules and forms.

Management's Report on Internal Control over Financial Reporting

The Company's management is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is a process designed by, or under the supervision of, the Company's Chief Executive Officer and Chief Financial Officer and effected by the Company's board of directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the Company's financial statements in accordance with accounting principles generally accepted in the United States of America. Because of its inherent limitations, internal control over financial reporting is not intended to provide absolute assurance that a misstatement of the Company's financial statements would be prevented or detected. The Company's management, with the participation of its Chief Executive Officer and Chief Financial Officer, conducted an evaluation of the effectiveness of the Company's internal control over financial reporting based on the framework and criteria established in Internal Control - Integrated Framework, issued by the Committee of Sponsoring Organizations of the Treadway Commission. This evaluation included review of the documentation of controls, evaluation of the design effectiveness of controls, testing of the operating effectiveness of controls and a conclusion on this evaluation. Based on this evaluation, management concluded that the Company's internal control over financial reporting was effective as of December 31, 2008.

This annual report does not include an attestation report of the Company's registered public accounting firm regarding internal control over financial reporting. Management's report was not subject to attestation by the Company's registered public accounting firm pursuant to temporary rules of the Securities and Exchange Commission that permit the Company to provide only management's report in this annual report.

Changes In Internal Controls

There were no changes in internal control over financial reporting (as such term is defined in Exchange Act Rule 13a-15(f)) that occurred in the last fiscal quarter that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

None.

Table of Contents

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS, AND CORPORATE GOVERNANCE

The information required by this Part III, Item 10 is incorporated by reference from the Company's definitive proxy statement for its annual meeting of stockholders to be held on or about May 28, 2009, which is expected to be filed with the SEC pursuant to Regulation 14A of the Securities Exchange Act of 1934 within 120 days after the end of the fiscal year covered by this report.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this Part III, Item 11 is incorporated by reference from the Company's definitive proxy statement for its annual meeting of stockholders to be held on or about May 28, 2009, which is expected to be filed with the SEC pursuant to Regulation 14A of the Securities Exchange Act of 1934 within 120 days after the end of the fiscal year covered by this report.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this Part III, Item 12 is incorporated by reference from the Company's definitive proxy statement for its annual meeting of stockholders to be held on or about May 28, 2009, which is expected to be filed with the SEC pursuant to Regulation 14A of the Securities Exchange Act of 1934 within 120 days after the end of the fiscal year covered by this report.

ITEM 13. CERTAIN RELATIONSHIPS, RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this Part III, Item 13 is incorporated by reference from the Company's definitive proxy statement for its annual meeting of stockholders to be held on or about May 28, 2009, which is expected to be filed with the SEC pursuant to Regulation 14A of the Securities Exchange Act of 1934 within 120 days after the end of the fiscal year covered by this report.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required by this Part III, Item 14 is incorporated by reference from the Company's definitive proxy statement for its annual meeting of stockholders to be held on or about May 28, 2009, which is expected to be filed with the SEC pursuant to Regulation 14A of the Securities Exchange Act of 1934 within 120 days after the end of the fiscal year covered by this report.

Table of Contents

PART IV

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) Documents filed as Part of this Report:

(1) Financial Statements

The following consolidated financial statements are included in Part II, Item 8 of this Annual Report on Form 10-K:
Report of Independent Registered Public Accounting Firm

Consolidated Statements of Income for the Years Ended December 31, 2008, 2007, and 2006

Consolidated Balance Sheets as of December 31, 2008 and 2007

Consolidated Statements of Stockholders' Equity for the Years Ended December 31, 2008, 2007, and 2006

Consolidated Statements of Cash Flows for the Years Ended December 31, 2008, 2007, and 2006

Notes to Consolidated Financial Statements

(2) Financial Statement Schedules

The following consolidated financial statement schedules are filed with this Annual Report on Form 10-K:

Schedule II Valuation and Qualifying Accounts and Reserves for the years ended December 31, 2008, 2007, and 2006

All other schedules are omitted because of the absence of the conditions under which they are required.

(3) Exhibits

See Index to Exhibits filed with this Annual Report on Form 10-K.

Table of Contents

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CORE MOLDING TECHNOLOGIES, INC.

By /s/ Kevin L. Barnett

Kevin L. Barnett
President and Chief Executive Officer

Date: April 1, 2009

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated:

| | | |
|-----------------------------|--|---------------|
| /s/ Kevin L. Barnett | | |
| Kevin L. Barnett | President, Chief Executive Officer, and Director | April 1, 2009 |
| /s/ Herman F. Dick, Jr. | | |
| Herman F. Dick, Jr. | Vice President, Secretary, Treasurer, and Chief Financial Officer | April 1, 2009 |
| * | | |
| Thomas R. Cellitti | Director | April 1, 2009 |
| * | | |
| James F. Crowley | Director | April 1, 2009 |
| * | | |
| Ralph O. Hellmold | Director | April 1, 2009 |
| * | | |
| Malcolm M. Prine | Director | April 1, 2009 |
| *By /s/ Herman F. Dick, Jr. | | |
| Herman F. Dick, Jr. | Attorney-In-Fact | April 1, 2009 |

Table of Contents**Core Molding Technologies, Inc. and Subsidiaries
Schedule II**

Consolidated valuation and qualifying accounts and reserves for the years ended December 31, 2008, 2007, and 2006.
Reserves deducted from asset to which it applies allowance for doubtful accounts.

| | Balance at Beginning of Year | Additions (Recovered)/ Charged to Costs & Expenses | Charged to Other Accounts | Deductions (A) | Balance At End of Year |
|------------------------------|------------------------------------|--|------------------------------------|-------------------|---------------------------|
| Year Ended December 31, 2008 | \$334,000 | \$(110,000) | | \$115,000 | \$109,000 |
| Year Ended December 31, 2007 | \$262,000 | \$107,000 | | \$35,000 | \$334,000 |
| Year Ended December 31, 2006 | \$214,000 | \$120,000 | | \$72,000 | \$262,000 |

(A) Amount
represents
uncollectible
accounts written
off.

Table of Contents**INDEX TO EXHIBITS**

| Exhibit No. | Description | Location |
|-------------|--|---|
| 2(a)(1) | Asset Purchase Agreement dated as of September 12, 1996, as amended October 31, 1996, between Navistar and RYMAC ¹ | Incorporated by reference to Exhibit 2-A to Registration Statement on Form S-4 (Registration No. 333-15809) |
| 2(a)(2) | Second Amendment to Asset Purchase Agreement dated December 16, 1996 ¹ | Incorporated by reference to Exhibit 2(a)(2) to Annual Report on Form 10-K for the year ended December 31, 2001 |
| 2(b)(1) | Agreement and Plan of Merger dated as of November 1, 1996, between Core Molding and RYMAC | Incorporated by reference to Exhibit 2-B to Registration Statement on Form S-4 (Registration No. 333-15809) |
| 2(b)(2) | First Amendment to Agreement and Plan of Merger dated as of December 27, 1996 between Core Molding and RYMAC | Incorporated by reference to Exhibit 2(b)(2) to Annual Report on Form 10-K for the year ended December 31, 2002 |
| 2(c) | Asset Purchase Agreement dated as of October 10, 2001, between Core Molding Technologies, Inc. and Airshield Corporation | Incorporated by reference to Exhibit 1 to Form 8-K filed October 31, 2001 |
| 3(a)(1) | Certificate of Incorporation of Core Molding Technologies, Inc. as filed with the Secretary of State of Delaware on October 8, 1996 | Incorporated by reference to Exhibit 4(a) to Registration Statement on Form S-8, (Registration No. 333-29203) |
| 3(a)(2) | Certificate of Amendment of Certificate of Incorporation of Core Molding Technologies, Inc. as filed with the Secretary of State of Delaware on November 6, 1996 | Incorporated by reference to Exhibit 4(b) to Registration Statement on Form S-8 (Registration No. 333-29203) |

Table of Contents

| Exhibit No. | Description | Location |
|-------------|---|--|
| 3(a)(3) | Certificate of Amendment of Certificate of Incorporation as filed with the Secretary of State of Delaware on August 28, 2002 | Incorporated by reference to Exhibit 3(a)(4) to Quarterly Report on Form 10-Q for the quarter ended September 30, 2002 |
| 3(a)(4) | Certificate of Designation, Preferences and Rights of Series A Junior Participating Preferred Stock as filed with the Secretary of State of Delaware on July 18, 2007 | Incorporated by reference to Exhibit 3.1 to Form 8-K filed July 19, 2007 |
| 3(b) | Amended and Restated By-Laws of Core Molding Technologies, Inc. | Incorporated by reference to Exhibit 3.1 to Current Report on Form 8-K filed January 4, 2008 |
| 4(a)(1) | Certificate of Incorporation of Core Molding Technologies, Inc. as filed with the Secretary of State of Delaware on October 8, 1996 | Incorporated by reference to Exhibit 4(a) to Registration Statement on Form S-8 (Registration No. 333-29203) |
| 4(a)(2) | Certificate of Amendment of Certificate of Incorporation of Core Molding Technologies, Inc. as filed with the Secretary of State of Delaware on November 6, 1996 | Incorporated by reference to Exhibit 4(b) to Registration Statement on Form S-8 (Registration No. 333-29203) |
| 4(a)(3) | Certificate of Amendment of Certificate of Incorporation as filed with the Secretary of State of Delaware on August 28, 2002 | Incorporated by reference to Exhibit 3(a)(4) to Quarterly Report on Form 10-Q for the quarter ended September 30, 2002 |
| 4(a)(4) | Certificate of Designation, Preferences and Rights of Series A Junior Participating Preferred Stock as filed with the Secretary of State of Delaware on July 18, 2007 | Incorporated by reference to Exhibit 3.1 to Form 8-K filed July 19, 2007 |
| 4(b) | Stockholder Rights Agreement dated as of July 18, 2007, between Core Molding Technologies, Inc. and American Stock Transfer & Trust Company | Incorporated by reference to Exhibit 4.1 to Current Report Form 8-K filed July 19, 2007 |
| 10(a) | Supply Agreement, dated June 23, 2008 between Core Molding Technologies, Inc. and Core Composites Corporation and Navistar, Inc. ⁵ | Incorporated by reference to Exhibit 10(a) to Quarterly Report on Form 10-Q for the quarter ended June 30, 2008 |

Table of Contents

| Exhibit No. | Description | Location |
|-------------|---|--|
| 10(b) | Supply and Management Agreement dated as of June 1, 2006 between PACCAR Inc. and Core Molding Technologies, Inc. ⁵ | Incorporated by reference to Exhibit 10(a) to Quarterly Report on Form 10-Q for the quarter ended June 30, 2007 |
| 10(c) | Registration Rights Agreement, dated December 31, 1996, by and between Navistar International Transportation Corp. and various other persons who become parties pursuant to the agreement | Incorporated by reference to Exhibit 10(d) to Annual Report on Form 10-K for the year ended December 31, 2001 |
| 10(d) | Credit agreement, dated December 9, 2008, by and between Core Molding Technologies, Inc and CoreComposites de Mexico, S De. R.L. de C.V. and Key Bank National Association | Filed herein |
| 10(e) | Master Equipment Lease Agreement ³ by and between KeyCorp Leasing, a division of Key Corporate Capital, Inc. and Core Molding Technologies, Inc. | Incorporated by reference to Exhibit 10(f) to Annual Report on Form 10-K for the year ended December 31, 2002 |
| 10(e)(1) | Amendment, dated March 26, 2001, to Master Equipment Lease Agreement ³ by and between KeyCorp Leasing, a division of Key Corporate Capital, Inc. and Core Molding Technologies, Inc. | Incorporated by reference to Exhibit 10(f)(1) to Annual Report on Form 10-K for the year ended December 31, 2000 |
| 10(f) | Loan Agreement, dated April 1, 1998, by and between South Carolina Jobs Economic Development Authority and Core Molding Technologies, Inc. | Incorporated by reference to Exhibit 10(g) to Annual Report on Form 10-K for the year ended December 31, 2003 |
| 10(g) | Reimbursement Agreement, dated April 1, 1998, by and between Core Molding Technologies, Inc. and Key Bank National Association | Incorporated by reference to Exhibit 10(h) to Annual Report on Form 10-K for the year ended December 31, 2003 |
| 10(h) | Core Molding Technologies, Inc. Employee Stock Purchase Plan ⁴ | Incorporated by reference to Exhibit 4(e) to Registration Statement on Form S-8 (Registration No. 333-60909) |
| 10(h)(1) | 2002 Core Molding Technologies, Inc. Employee Stock Purchase Plan (as amended May 17, 2006) 4 | Incorporated by reference to Exhibit 10.3 to Current Report on Form 8-K dated May 23, 2006 |
| 10(i) | Letter Agreement Regarding Terms and Conditions of Interest Rate Swap Agreement between Key Bank National Association and | Incorporated by reference to Exhibit 10(j) to Annual Report on Form 10-K for the year ended December 31, 2003 |

Table of Contents

| Exhibit No. | Description | Location |
|-------------|---|---|
| 10(i)(1) | Letter Agreement Regarding Terms and Conditions of Interest Rate Swap Agreement between Key Bank National Association and Core Molding Technologies, Inc. | Filed Herein |
| 10(j) | 2006 Core Molding Technologies, Inc. Long Term Equity Incentive Plan ⁴ | Incorporated by reference to Exhibit 10.1 to Current Report on Form 8-K dated May 23, 2006 |
| 10(k) | Core Molding Technologies, Inc. Cash Profit Sharing Plan ⁴ | Incorporated by reference to Exhibit 10(1) to Current Report on Form 8-K dated December 29, 2008 |
| 10(l) | Form of Amended and Restated Executive Severance Agreement between Core Molding Technologies, Inc. and certain executive officers ⁴ | Incorporated by reference to Exhibit 10.2 to Current Report on Form 8-K dated December 29, 2008 |
| 10(m) | Form of Amended and Restated Restricted Stock Agreement between Core Molding Technologies, Inc. and certain executive officers ⁴ | Incorporated by reference to Exhibit 10.1 to Current Report on Form 8-K dated January 4, 2008 |
| 10(n) | Form of Executive Severance Agreement between Core Molding Technologies, Inc. and certain executive officers ⁴ | Incorporated by reference to Exhibit 10.4 to Current Report on Form 8-K dated May 23, 2006 |
| 10(o) | Form of Restricted Stock Agreement between Core Molding Technologies, Inc. and certain executive officers ⁴ | Incorporated by reference to Exhibit 10.2 to Current Report on Form 8-K dated May 23, 2006 |
| 11 | Computation of Net Income per Share | Exhibit 11 is omitted because the required information is included in the Notes to Financial Statements in Part II, Item 8 of this Annual Report on Form 10-K |
| 14 | Code of Conduct and Business Ethics | Incorporated by reference to Exhibit 14 to Annual Report on Form 10-K for the year ended December 31, 2003 |
| 23 | Consent of Deloitte & Touche LLP | Filed Herein |
| 24 | Powers of Attorney | Filed Herein |
| 31(a) | Section 302 Certification by Kevin L. Barnett, President and Chief Executive Officer | Filed Herein |

Table of Contents

| Exhibit No. | Description | Location |
|-------------|---|--------------|
| 31(b) | Section 302 Certification by Herman F. Dick, Jr., Vice President, Secretary, Treasurer, and Chief Financial Officer | Filed Herein |
| 32(a) | Certification of Kevin L. Barnett, Chief Executive Officer of Core Molding Technologies, Inc., dated April 1, 2009, pursuant to 18 U.S.C. Section 1350 | Filed Herein |
| 32(b) | Certification of Herman F. Dick, Jr., Vice President, Treasurer, Secretary, and Chief Financial Officer of Core Molding Technologies, Inc., dated April 1, 2009, pursuant to 18 U.S.C. Section 1350 | Filed Herein |

¹ The Asset Purchase Agreement, as filed with the SEC at Exhibit 2-A to Registration Statement on Form S-4 (Registration No. 333-15809), omits the exhibits (including, the Buyer Note, Special Warranty Deed, Supply Agreement, Registration Rights Agreement, and Transition Services Agreement, identified in the Asset Purchase Agreement) and schedules (including, those identified in Sections 1, 3, 4,

5, 6, 8, and 30 of the Asset Purchase Agreement). Core Molding Technologies, Inc. will provide any omitted exhibit or schedule to the SEC upon request.

2 The Loan Agreement filed with this Annual Report on Form 10-K, omits the exhibits (including Revolving Credit Note, Term Note, Security Agreement, Ohio Mortgage, South Carolina Mortgage, and Guaranty) and schedules. Core Molding Technologies, Inc. will provide any omitted exhibit to the SEC upon request.

3 The Master Equipment Lease, incorporated by reference in the Exhibits to this Annual Report on Form 10-K, omits certain schedules (including addendum to the schedules) which separately

identify equipment subject to the Master Equipment Lease and certain additional terms applicable to the lease of such equipment. New schedules may be added under the terms of the Master Equipment Lease from time to time and existing schedules may change. Core Molding Technologies, Inc. will provide any omitted schedule to the SEC upon request.

- 4 Indicates management contracts or compensatory plans that are required to be filed as an exhibit to this Annual Report on Form 10-K.
- 5 Certain portions of this Exhibit have been omitted intentionally subject to a confidentiality treatment request. A complete version of the Exhibit has been filed separately with

the Securities
and Exchange
Commission.