



# THE FACE OF LEADERSHIP

# 2002

**FRONT COVER, FROM LEFT TO RIGHT:**

**MELISSA KOENIG**

Manager  
Advanced Transmission Control Systems  
Transmission Systems  
Driveline Group

**RONALD CARR**

Senior Technician  
Emissions/Thermal Systems  
Engine Group

**MARIANA BRAVO**

Marketing Analyst  
Morse TEC  
Engine Group

**HARTMUT CLAUS**

Manager, Application Engineering  
Turbo Systems  
Engine Group

**RAVI NARAYANASWAMY**

Product Engineer  
TorqTransfer Systems  
Driveline Group

**BIANCA CAMPOS**

Administrative Assistant  
Emissions/Thermal Systems  
Engine Group

**TERRY LINDQUIST**

Director  
Powertrain Technical Center  
Corporate

**BACK COVER, FROM LEFT TO RIGHT:**

**RACQUEL HOWARD**

Sr. Administrative Assistant  
Corporate

**ROBERT LAM**

Director, Friction Products  
Transmission Systems  
Driveline Group

**JESSICA CRESPO**

Program Engineer  
Emissions/Thermal Systems  
Engine Group

**SUE STROOPE**

Lead Product Engineer  
TorqTransfer Systems  
Driveline Group

**TONY MESSINA**

Vice President and General Manager  
Emissions Systems  
Emissions/Thermal Systems  
Engine Group

**STEVE MCKINLEY**

Director  
Business Development  
Passenger Car NA  
Turbo Systems  
Engine Group

**FINANCIAL HIGHLIGHTS**

millions of dollars, except employee and per share data

	2002	2001	% Change
Net sales	<b>\$2,731.1</b>	\$2,351.6	16.1%
Net earnings before cumulative effect of accounting change	<b>149.9</b>	66.4	125.8%
Cumulative effect of change in accounting principle, net of tax	<b>(269.0)</b>	—	
Net earnings (loss)	<b>(119.1)</b>	66.4	
Net earnings (loss) per share — diluted	<b>(4.44)</b>	2.51	
Net earnings before cumulative effect of accounting change and excluding restructuring and other non-recurring charges	<b>149.9</b>	85.4	75.5%
Net earnings per diluted share before cumulative effect of accounting change and excluding restructuring and other non-recurring charges	<b>5.58</b>	3.23	72.8%
Average number of shares outstanding — diluted (millions)	<b>26.9</b>	26.5	
EBITDA	<b>408.9</b>	327.6	24.8%
Capital spending	<b>138.4</b>	140.9	(1.8)%
Research & Development	<b>109.1</b>	104.5	4.4%
Debt	<b>646.7</b>	737.0	(12.3)%
Stockholders' equity	<b>981.4</b>	1,104.2	(11.1)%
Number of employees	<b>14,000</b>	13,000	

**LEADERSHIP** It's people with purpose. There's no formula for it. You either have it or you don't.

It is an intangible confidence that inspires and energizes. You can't fake it or force it. It gets you

where you want to go. It's what makes customers loyal, employees motivated and goals achievable.



## Turbocharger Technology

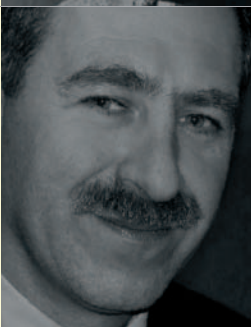
TODAY'S TURBOCHARGER TECHNOLOGIES LOWER FUEL CONSUMPTION TO REDUCE THE COST OF OPERATING A VEHICLE AND IMPROVE EMISSIONS TO HELP MEET REGULATIONS. USING THE ENERGY IN A VEHICLE'S HOT EXHAUST GASES TO

COMPRESS COLD INTAKE AIR, TURBOCHARGERS ACHIEVE A CLEANER, LEANER BURN. BY PROVIDING HIGHER POWER DENSITY, SMALL TURBOCHARGED ENGINES CAN REPLACE LARGER, LESS FUEL-EFFICIENT ONES.

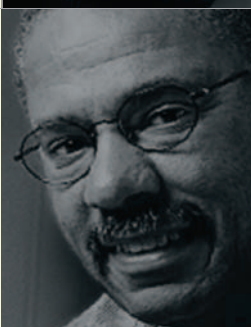
**KAYOKO NISHIKAWA**  
Operator, Inspection Group  
Morse TEC Japan  
Engine Group



**HANS-PETER SCHMALZL**  
Vice President, Technology  
Turbo Systems  
Engine Group



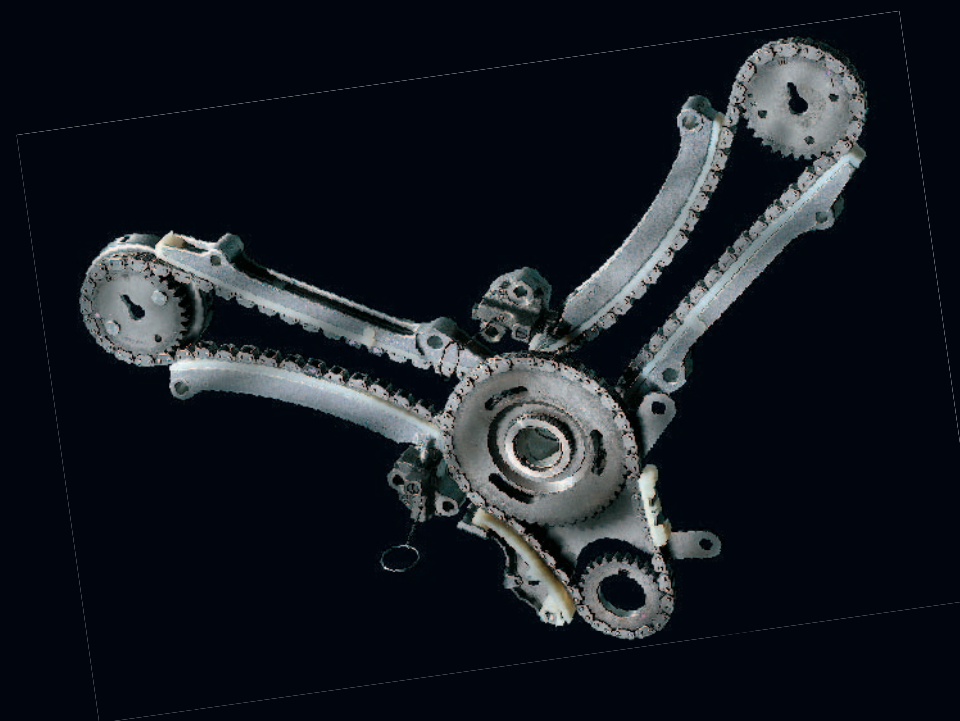
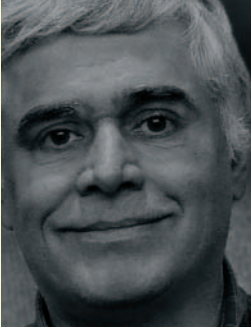
**CARL ROBERTS**  
Director, Advanced R&D, Thermal Systems  
Emissions/Thermal Systems  
Engine Group



**DANIELA MERLANO**  
Account Manager  
Emissions/Thermal Systems  
Engine Group



**PHIL MOTT**  
Vice President, Development Engineering  
Morse TEC  
Engine Group



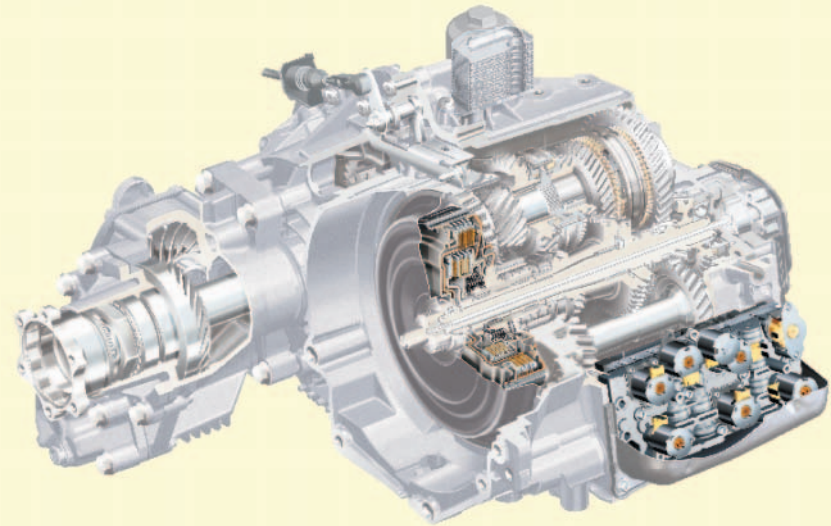
## Chain Timing Systems

DURABILITY, PERFORMANCE AND NOISE REDUCTION — THESE ARE THE REASONS AUTOMAKERS AROUND THE WORLD ARE SWITCHING TO OUR CHAIN SYSTEMS. THE MOVE TO CHAIN TIMING SYSTEMS IS DRIVEN BY NEW

ENGINE DESIGNS — OVERHEAD CAM ENGINES IN NORTH AMERICA, DIRECT INJECTION IN EUROPE, NEW GENERATION HIGHER TORQUE JAPANESE ENGINES AND THE ADVENT OF VARIABLE CAM TIMING.

# DRIVELINE

PRODUCT LEADERSHIP



## DualTronic Transmission System

WE HAVE COMBINED OUR CLUTCHING AND CONTROLS EXPERTISE IN A NEW SYSTEM THAT IS REDEFINING THE AUTOMATIC TRANSMISSION. DESIGNED FOR THE DRIVER WHO VALUES A SPORTY DRIVING EXPERIENCE, BUT DEMANDS

FUEL EFFICIENCY AND CONVENIENCE, OUR MARKET-LEADING TECHNOLOGY IS ATTRACTING THE ATTENTION OF AUTOMAKERS WORLDWIDE. EUROPE IS LEADING THE WAY IN THE ADOPTION OF THIS INNOVATION.

**MATTHEW THOMAS**  
Product Engineer  
Transmission Systems  
Driveline Group



**JEAN CHU**  
Lead Product Engineer  
Test and Development  
TorqTransfer Systems  
Driveline Group



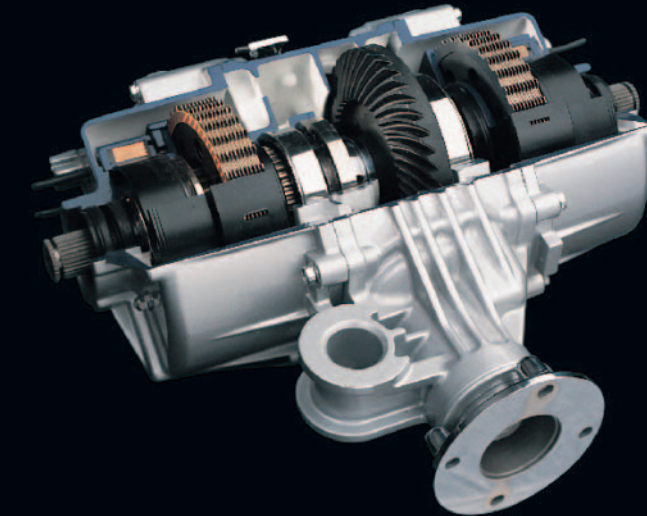
**KATHARINA SKOP-CARDARELLA**  
Construction Engineer, Systems Design  
Transmission Systems  
Driveline Group



**BILL KELLEY**  
Director  
Advanced Production Engineering  
TorqTransfer Systems  
Driveline Group



**HWAN HUR**  
President  
Transmission Systems Korea  
Driveline Group



## InterActive Torque Management

OUR SYSTEMS PROVIDE MORE THAN JUST FOUR-WHEEL DRIVE. BY INTERFACING WITH OTHER VEHICLE FUNCTIONS, OUR INTELLIGENT SYSTEMS OFFER DRIVERS BETTER HANDLING AND FUEL ECONOMY, IMPROVED SECURITY AND MORE

FLEXIBILITY THAN PASSIVE, MECHANICAL FOUR-WHEEL DRIVE SYSTEMS. OUR PATENTED TECHNOLOGY ELECTRONICALLY SENSES WHEEL SLIP AND INSTANTANEOUSLY TRANSFERS POWER TO MAINTAIN TRACTION.

from left to right  
**Timothy M. Manganello**  
 President and Chief Executive Officer  
**John F. Fiedler**  
 Chairman  
**George E. Strickler**  
 Executive Vice President and  
 Chief Financial Officer



## TO OUR SHAREHOLDERS

My last letter to you as chairman of BorgWarner is a gratifying one to write. We delivered a record year in 2002 and booked more than \$1 billion in anticipated new business for the next few years. BorgWarner is a solid company — financially, technically and ethically.

In 2003, we celebrate ten years as BorgWarner Inc., the company that became a public entity in 1993. Our roots go back to 1928 when four auto suppliers joined forces. These businesses, and those that joined after that time, have individual histories of innovation that go back to the 18<sup>th</sup> and 19<sup>th</sup> centuries, both in North America and in Europe. By coming together, we have forged a powertrain powerhouse like no other company in the world. But more than being united by technology, the people of BorgWarner are also linked by a collective culture that directs our actions with honesty and respect.

### Growth in a low-growth industry

My first letter to you as chairman and chief executive officer in 1995 cited “another year of solid growth...our sales and profits rose to record levels...despite a decline in North American automotive production.” Our record that year was \$1.3 billion in sales, with earnings of \$3.15 per share. This year’s records dwarf those results. In 2002, we delivered \$2.7 billion in sales and \$5.58 per share on an operating basis.

This kind of performance is really the BorgWarner story — steady and sustainable growth in a low-growth industry. Yes, we’ve had up years and down years. But I am as proud of our managing through the down years without large layoffs or cuts in research and development spending, as I am of a great year like this last one. Our solid performance is the reason I have always believed that if you are going to own one automotive stock, it should be BorgWarner.

When I looked back at my first letter, I was also struck by other highlights from 1995. “Our total return to shareholders increased...during the year, outperforming many of our peers.” The same is true for 2002.

### New technology, trends boost sales

I told you “new technology and changing trends helped boost sales.” Back then our “revolutionary” Torque-on-Demand four-wheel drive system and new chain systems contributed to growth, and the popularity of sport-utility vehicles and light trucks was the growth wave we were riding. In 2002 it was an entirely new category of vehicles, the crossover, and concerns about vehicle stability that drove our four-wheel drive business. Our engine products benefited from the stunning growth in fuel-efficient engines in Europe. With societal and governmental concerns for air quality, fuel efficiency, performance and vehicle stability, we believe our growth is assured as long as we continue to innovate.

## 2002

- New business growth exceeded our expectations with the popularity of the new Honda Pilot, Hyundai Santa Fe and Kia Sorento with our electronic four-wheel drive systems.
- We could barely keep up with the demand for turbochargers for new fuel-efficient cars in Europe, especially those with 1.4 litre engines.
- Production began in the fall for our fuel-efficient transmission technology, the most significant change in transmissions in fifty years.
- To keep the growth going, we organized the company into Engine and Driveline groups at year-end.

Some things never change. I was amused to see that in 1995 we said, “We expect flat to slightly declining automotive production” the following year, but that we expected continued growth. The same is true as we look at 2003. While we expect production in North America to decline, and that in Asia and Europe to be flat, we continue to grow in the fastest growing parts of the industry — fuel-efficient engines and transmissions in Europe and four-wheel drive systems that link electronically with vehicle stability systems in North America.

At BorgWarner, we continue to challenge innovative people to deliver profitable growth. We set growth goals when we went public in 1993. These goals, reiterated in my first letter, were very straightforward — provide growth; expand globally; and improve operations, especially research and development. Five years ago we formalized these goals under the mission of product leadership. We have even more challenging growth targets today.

### The face of BorgWarner

I cannot end my last letter without expressing my gratitude to all those who have made my time at BorgWarner the best years of my life. First, I appreciate the support and confidence

of investors. We were an unknown entity in 1993. We had never been tested through a downturn and were heavily reliant on North American customers. Today, we have a global customer base and proven financial strength.

My thanks to our customers. We don’t often talk about loyalty in our industry, but I appreciate the loyalty of our long-time customers and our acceptance by new customers. Together, we have made cars and trucks more affordable, to everyone’s benefit.

As for the people of BorgWarner, there are hardly words to express my feelings. There is something so special about BorgWarner that when we interview potential employees, or consider acquisitions, we know at some visceral level whether or not they belong in our organization. The highest compliment we can pay is to say someone is “a BorgWarner person.” To be one of those people was a thrill.

I leave the company in the hands of capable people. Our succession process has allowed us to cultivate and promote new leaders from within the company. In February of 2002, we named Tim Manganello to the position of

president and chief operating officer. He was elected chief executive officer in February of 2003. Tim and his executive management team are BorgWarner people. In addition, some 14,000 people worldwide are the face of BorgWarner product leadership to their customers, fellow employees and our shareholders every day.

One of my proudest moments was the opening of the BorgWarner Powertrain Technical Center in metropolitan Detroit last fall. In dedicating that building to the men and women of BorgWarner, I was reminded that we stand on the shoulders of those who came before us — people like George Borg and Henry Warner, whose names we share. I hope that in the years to come, the contributions of those of us who crafted this first successful decade of BorgWarner Inc. will be regarded as equally influential.

Sincerely,

John F. Fiedler  
 Chairman

# Engine Group



**Roger J. Wood**  
President and  
General Manager  
Morse TEC



**F. Lee Wilson**  
President and  
General Manager  
Turbo Systems



**Alfred Weber**  
President and  
General Manager  
Emissions/Thermal Systems

*The Engine Group will develop strategies and products to manage engines for fuel efficiency, reduced emissions and enhanced performance. BorgWarner's expertise in engine timing, boosting, air and noise management, cooling and controls are the foundation for this collaboration.*

## 2002 HIGHLIGHTS

Sales rose 16%, driven by strong sales of engine timing chains, increased usage of turbochargers and continued strength in sales of sport-utility vehicles. The demand for small, fuel-efficient diesel engines with our products made Europe our fastest growing market. Also contributing to sales were further penetration into emerging markets and growth in the commercial vehicle aftermarket. Operating income benefited from greater productivity on increased production volume.

## GROWTH OPPORTUNITIES

- Stricter emission regulations for Europe, North America and Asia
- Continued growth of diesel engines in European passenger cars
- Emission regulations related to commercial diesels
- Engine downsizing for improved fuel consumption and emissions in gasoline engines
- Electronic controls
- Continued popularity of light trucks and SUVs
- Engine timing systems moving from belts to chains
- Development of variable cam timing systems
- Growth of overhead cam engines
- Systems integration; alternative technologies

## BUSINESS UNITS

### Morse TEC

Global leader in the design and manufacture of automotive chain systems and components for engine timing, automatic transmission and four-wheel drive applications.

### Turbo Systems

Leading designer and manufacturer of turbochargers and boosting systems for the passenger car and commercial vehicle markets.

### Emissions/Thermal Systems\*

Air/Fluid Systems: Full-service supplier of air and fluid control systems and components for enhanced engine performance, reduced emissions, improved fuel economy and increased vehicle safety.

Cooling Systems: Global leader in the design and supply of cooling system solutions for the sport-utility, light truck, commercial medium and heavy truck and off-highway vehicle markets.

\*Units combined in December 2002

## PLANTS AND TECHNICAL CENTERS

### Americas

Asheville, North Carolina  
Auburn Hills, Michigan  
Cadillac, Michigan  
Campinas, Brazil  
Cortland, New York  
Dixon, Illinois  
Fletcher, North Carolina  
Guadalajara, Mexico  
Ithaca, New York  
Marshall, Michigan  
Sallisaw, Oklahoma  
Simcoe, Ontario, Canada  
Warren, Michigan  
Water Valley, Mississippi

### Asia

Changwon, South Korea  
Chennai, India  
Chennai, India (JV)  
Hitachinaka City, Japan (JV)  
Kakkalur, India (JV)  
Nabari City, Japan  
Ningbo, China (JV)  
Tainan Shien, Taiwan

### Europe

Arcore, Italy  
Bradford, England  
Kirchheimbolanden, Germany  
Markdorf, Germany  
Oroszlany, Hungary

SALES millions of dollars



# Driveline Group



**Robert D. Welding**  
Group President; President  
and General Manager  
Transmission Systems



**John J. McGill**  
President and  
General Manager  
TorqTransfer Systems

*The Driveline Group harnesses our 100-year legacy as an industry innovator in transmission and four-wheel drive technology. The group will leverage this understanding of powertrain torque management to develop interactive control systems and strategies for our traditional mechanical products.*

## 2002 HIGHLIGHTS

A sales increase of 20% came from stronger than anticipated growth in new business and applications. We benefited from higher four-wheel drive demand from Hyundai and Kia, and the InterActive Torque Management (ITM) system application in the Acura MDX and the new Honda Pilot and the launch of new applications for some GM vehicles, including the Hummer H2 and GMC Yukon. Market conditions contributed to sales growth of transmission systems in all regions. Operating income improvement was due to a combination of increased volume and cost controls.

## GROWTH OPPORTUNITIES

- Introduction of new automated transmission systems for Europe and North America
- Introduction of new five- and six-speed transmissions
- Shift from components to modules
- European and Korean market growth of automatic transmissions
- Subsystems for continuously variable transmissions (CVT)
- Substitution of modular wet starting clutches for torque converters
- Growing popularity of four-wheel drive and all-wheel drive passenger cars and crossover vehicles
- Continued application of electronically controlled torque management devices in four-wheel drive and all-wheel drive vehicles
- Expanded customer base in rear-wheel drive based four-wheel drive segment
- Growing focus on improved shiftability within manual transmission

## BUSINESS UNITS

### Transmission Systems

Supplies "shift quality" components and systems including one-way clutches, transmission bands, friction plates and clutch pack assemblies to virtually every automatic transmission maker in the world.

### TorqTransfer Systems

Leading independent global designer and producer of torque distribution and management systems — 4WD transfer cases, InterActive Torque Management (ITM) devices and synchronizer systems. These systems enhance driver security, drivability, shift quality and handling.

## PLANTS AND TECHNICAL CENTERS

### Americas

Auburn Hills, Michigan  
Bellwood, Illinois  
Frankfort, Illinois  
Livonia, Michigan  
Lombard, Illinois  
Longview, Texas  
Muncie, Indiana  
Seneca, South Carolina

### Asia

Beijing, China (JV)  
Eumsung, South Korea (JV)  
Eumsung, South Korea  
Fukuroi City, Japan (JV)  
Pune, India (JV)  
Sirsi, India (JV)

### Europe

Heidelberg, Germany  
Ketsch, Germany  
Margam, Wales  
Tulle, France

SALES millions of dollars



As a newly public company in 1993, BorgWarner set out to redefine itself; to create a company that wasn't limited by geographic boundaries or conventional thinking. Innovation has fueled our transformation into a dynamic global leader in our industry.

**ANASTASIA HAMEL**  
Director, Environmental Programs  
Corporate



**NED MILANA**  
Director of Sales, Transplants  
Morse TEC  
Engine Group



**ROBERT CZARNOWSKI**  
Director, Engineering, Emissions Systems  
Emissions/Thermal Systems  
Engine Group



**TINA FUQUAY**  
Compensation & Benefits Administrator  
Corporate



**LOU SCARPACI**  
Director of Sales, GM Account  
Transmission Systems  
Driveline Group



# NO WALLS



BY PENETRATING NEW MARKETS WITH NEW PRODUCTS,

WE ARE CREATING **GLOBAL** DIVERSITY IN OUR

CUSTOMER BASE WHILE DELIVERING PROFITABLE GROWTH.

A CONVERSATION WITH JOHN FIEDLER

Q&A

**Today's BorgWarner went public in 1993. You joined the company in 1994. What are the biggest changes you have seen?**

We have gone from surviving to building a solid foundation for growth and sustainability. In 1993, our sales were less than \$1 billion. We depended on customers in North America and our growth story was tied to four-wheel drive. We had to prove to investors and ourselves that we could make it as a supplier in one of the toughest industries in the world. One of BorgWarner's great strengths is recognizing and riding the waves of growth in an industry with little growth. Today, we have built a powertrain business that is balanced between engine and driveline products, with growth prospects in our full range of products and with customers around the world.

**BorgWarner's business outside of the US has grown from about 33% of worldwide sales in 1993 to an expected 43% in 2005. What are the challenges of operating a global company?**

We got a head start on understanding the implications of being a global business because of our presence in Japan dating back to the 1960s and operations in Germany prior to that. We operate locally; our businesses are run by men and women who know their markets and customers. When we began to aggressively expand our customer base in Asia and Europe, however, it was a challenge to create a common global perspective and to gain credibility, especially on the engine side of the business. It was our technology that opened doors and shaped our people's understanding of opportunities. And while we talk about a global automotive market, there are important regional differences to understand, especially regarding emissions concerns.

**You will retire in 2003. What do you consider your major accomplishment as Chief Executive Officer?**

Without a doubt, the creation of our growth plan through the Product Leadership proposition. I wanted to leave BorgWarner with a road map for sustainable growth. I believe that we have done that. In 1997-1998, our top managers from around the world worked to create that map based on our heritage as an innovator, and our agreement that our expertise in engine and driveline technology was our growth driver. This process is how we defined our mission to be a powertrain product leader on whom our customers rely to improve performance, fuel economy, air quality and vehicle stability. It also meant that we needed to build our engine expertise, broaden our customer base, take risks to commercialize new ideas and start thinking as a total BorgWarner entity. Our plan is dynamic, one we review and modify. It continues to serve us well today.



## A CONVERSATION WITH JOHN FIEDLER continued



### What do you mean by Product Leadership?

The first things that come to mind with product leadership are products and technology — but that's too narrow. It's a simple answer, but misses the point that it takes an entire company and everyone in it to be a product leader. We all have a role to play. Product leadership must become a state of mind, the way we do business. We have identified five key competencies of a product leader and of the people who work for a product leader — speed, innovation, talent, market agility and continuous learning. These are qualities that people can put into action each day and for which they are rewarded, whether they work in product development, manufacturing or administration.

### What are the most significant industry changes that you have observed?

Two changes stand out. First is the global nature of business. Second is the affordability of cars and trucks. Over the past ten years, we've gone from talking about a global auto industry to becoming one. We have real-time information, reduced inventories and are more responsive. I hope this means the end of the boom and bust auto cycles of the past. We have also succeeded in making cars and trucks a better value. There is a lot of focus on the negative aspects of the price pressure within our industry. But the benefit, especially to consumers, has been more affordable vehicles. The monthly cost of a car or truck today is half of what it was in the 1980s.

### BorgWarner is considered one of the only "green" auto suppliers. Tell us what this means and how it shapes the company.

For us, it is easy being green. We have always targeted our technology to the faster growing parts of our market and benefited from being ahead of the curve. Right now, and for many years to come, fuel-efficient, low-emission engines and transmissions, especially in Europe, will drive growth. I'm not sure that America has the political will to address these issues, but the same technology that provides for efficiency and cleaner air, can also boost performance, convenience and the fun of driving for drivers around the world.

### GROWTH TRENDS >

With a heritage of innovative products for hot trends, we have established BorgWarner as a leader in engine and driveline technology. Whether it's for trucks, sport-utility vehicles or today's fuel-efficient European cars, we design systems for the fastest growing segments of the vehicle market, providing growth in a low-growth industry.



A TRADITION OF INNOVATION

### Increased Customer Diversity



### < GLOBAL DIVERSITY

Over the past ten years, we have dramatically expanded our customer base and geographic presence. By 2005, we expect 55% of our sales to come from non "Big Three" automakers, up from 47% today. Sales outside of North America are expected to grow to 43% from 37% in 2002.

### ENGINE BOOST >

Our engine business has grown four-fold since 1997, thanks to both internal growth and acquisitions aimed at the fastest growing part of the market — small, boosted engines for European passenger cars. Our turbochargers and timing systems enhance the performance of both gasoline and diesel engines.



Being a leader in technology means knowing what your customers want today — and tomorrow — even before they do. When we say, “we sell the smarts, not just the parts,” we mean that no one can match our powertrain expertise.

**MILON BRIGGS**  
Product Engineer  
TorqTransfer Systems  
Driveline Group



**YAICHIRO TAZAWA**  
Executive Director  
Morse TEC Japan  
Engine Group



**JACQUIE FERGUSON**  
Sales & Marketing Analyst  
Emissions/Thermal Systems  
Engine Group



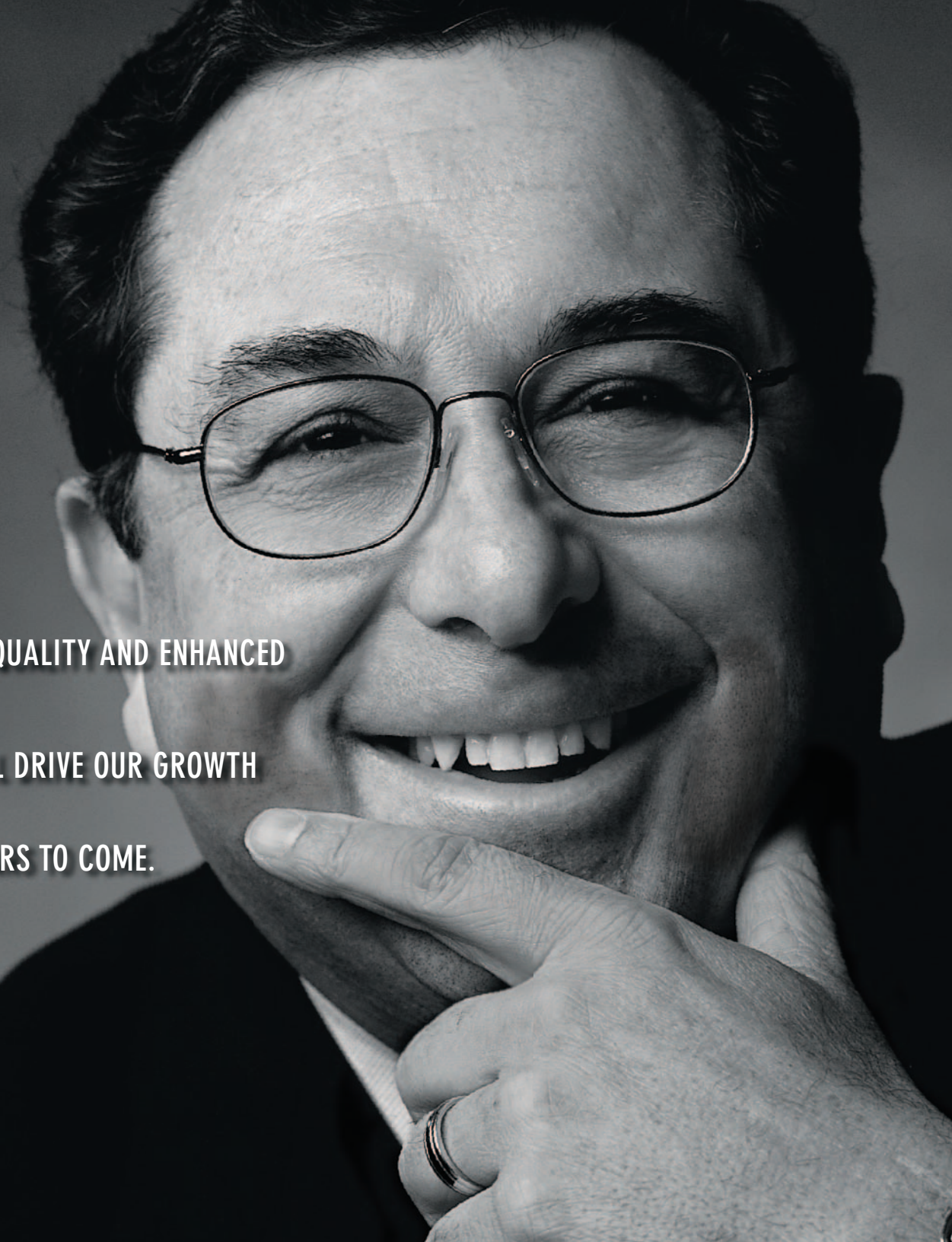
**GIUSEPPE BADDARIA**  
Chief Engineer  
Morse TEC Europe  
Engine Group



**EDELTRAUD WAHL**  
Design Engineer  
Turbo Systems  
Engine Group



# TECH SAVVY



DEMANDS FOR FUEL ECONOMY, AIR QUALITY AND ENHANCED

**PERFORMANCE** WILL DRIVE OUR GROWTH

— NEXT YEAR AND FOR MANY YEARS TO COME.

A CONVERSATION WITH TIM MANGANELLO



**What are your priorities in your new leadership position within BorgWarner?**

I will focus on enhancing our growth as a leading powertrain innovator through collaboration, expanded global presence and an emphasis on controls strategies. Productivity and quality will remain a key focus. And, of course, continued progress toward our financial goals — increased sales, cash flow and profit margins and return on invested capital — is a priority.

**Why is an emphasis on controls strategies important?**

Control strategy expertise is a major differentiator between BorgWarner and our competitors for most of our product lines. The control function is the “brainpower” of the powertrain and is the critical element for powertrains of the future. BorgWarner knows more about powertrains than any other supplier, but we need to make sure we are leveraging that expertise where it counts. Our business units are at various stages in terms of their ability to design, develop and implement control strategies. At the forefront of this expertise are our intelligent four-wheel drive systems, like InterActive Torque Management, our new DualTronic transmission technology that has just been introduced in Europe and the development of variable cam timing. Our continued success in the area of controls will require truly expert integration of multiple technologies and know-how. We already have the knowledge and the expertise. Now we need to take it to the next level that gives us proprietary products and enables us to maximize our capital and profits.

**Tell us about innovation. How do you take such an intangible concept and incorporate it into day-to-day business?**

BorgWarner has long been a community of innovators. The people who built the foundation of this company — George Borg, Henry Warner, the Ingersolls, Louis Schwitzer, George and Earl Holley, to name just a few — were the inventors of their day. Our culture has always been one of a lean, priority-driven organization that values getting the job done. Innovation has always been part of that. We also have a clearly defined Innovation Process that is driven by collaborative market sensing and team-based concept development and execution. It is tangible to our people because it energizes us and provides recognition and rewards. It's tangible to our customers through market-leading technology. Ultimately, it is tangible to our shareholders through our continued strong financial performance.

## A CONVERSATION WITH TIM MANGANELLO continued



**You recently organized the company into two groups, Engine and Driveline. How will the new structure facilitate growth?**

The new organization is designed to bring out the best in BorgWarner through collaboration, while maintaining the entrepreneurial spirit of our individual business units. That spirit has been a big part of what has made BorgWarner a success thus far, and we don't intend to change what is already working very well. But there is certainly the potential for greater synergy. No supplier has the combination of product and engine expertise that we have. We will tap that expertise in executing our strategy in the Engine Group. The Driveline Group harnesses our 100-year legacy as an industry innovator in transmission and four-wheel drive technology. Our ability to continue to meet our growth goals will depend on how well we leverage our deep knowledge and broad expertise. It will take bold new concepts and imaginative solutions to improve fuel economy, air quality and vehicle handling. The new structure is designed to facilitate this kind of cooperative innovation.

**What will BorgWarner look like in five years? Ten years? What opportunities and threats do you foresee?**

Well, change is the only constant in this industry, especially recently. Anyone who claims to be able to accurately predict the future is somewhat suspect. But one thing that's certain is that BorgWarner's business will still be powertrain-focused. Our business is a long-term one, so many of the opportunities and threats will be much the same as well. Today's demands for greater fuel economy, better air quality and enhanced vehicle stability will still be there tomorrow, and so will the opportunities that these needs present. Our competition is working just as hard as we are, so the threats remain as well. But the things that differentiate BorgWarner today, and what will keep us at the forefront of the industry, are our continuing ability to supply innovative technology; our diversity — both in terms of our customer base and our geographic presence; and our financial strength.

**Describe your leadership style.**

Approachable. Tenacious. Strategic. Focused on problem solving. Open to ideas. A believer in teamwork.

**What challenges do you face in 2003?**

This industry has never lacked challenges. But I think my greatest challenge is to make sure that BorgWarner's overall performance — in the eyes of our customers, shareholders, employees and the communities in which we do business — results in an outcome that is better than any of our individual units could achieve on its own. The whole should be greater than the sum of the parts. When we achieve that, all the other challenges will have been addressed as well.

### CONTROL STRATEGY EXPERTISE >

Our understanding of powertrain functions sets us apart from our competitors. This expertise is showcased in our intelligent four-wheel drive systems, like the one in the new Hyundai Santa Fe, and new transmission technology being introduced by Volkswagen.



### < NEW HOME FOR INNOVATION

The BorgWarner Powertrain Technical Center, which opened in Michigan in 2002, will enhance our approach to innovative teamwork and profitable growth. The building features an officeless, open work environment designed to foster collaboration and knowledge sharing.

### HYBRID TECHNOLOGY >

Our powertrain know-how provides solutions for the development of alternative powertrains like the one used in the Honda Civic gasoline/electric hybrid. Our newest technologies can help make these hybrids marketable and also improve the fuel efficiency of traditional engines and drivelines.



Investor confidence. It comes from knowing that things have been done right. Despite economic uncertainty, our ability to not just survive, but thrive, is proof of our financial depth. These qualities enable our continued success and ability to build value.

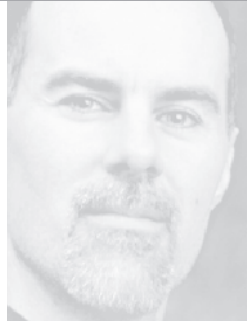
**KIM DICKENS**

Vice President, Human Resources  
Corporate



**DAVID BRUDER**

Chief Engineer  
TorqTransfer Systems  
Driveline Group



**ULLI FRÖHN**

Vice President, Sales & Marketing  
Turbo Systems  
Engine Group



**BARB MCLEISH**

Quality Coordinator  
Emissions/Thermal Systems  
Engine Group



**THOMAS HAASE**

Sales Engineer  
Emissions/Thermal Systems  
Engine Group



YES, WE WILL

WE ARE KNOWN AS A COMPANY THAT IS VERY

**STRAIGHTFORWARD**

IN ITS DEALINGS. WE TELL PEOPLE WHAT WE

EXPECT TO DO, AND THEN WE DO IT.

A CONVERSATION WITH GEORGE STRICKLER



**BorgWarner's sales have tripled and profits more than quadrupled over the past ten years. Can you sustain that kind of growth?**

Yes. Our goals are to deliver sales growth in the 8% to 11% range and earnings in the 12% to 16% range long term. Our pipeline of new business, broad customer base and geographic growth are the foundation for these expectations. Because our technology provides solutions to improve fuel economy and air quality, which are worldwide concerns, we anticipate continued growth for many years to come. Because of the timing of how new programs come on stream, our growth in any single year may be higher or lower.

**BorgWarner has done well in difficult years like 2001. What is your secret?**

We are a lean, decentralized organization that is very conscious of costs, installed capacity and the need to generate strong cash flow. To protect our margins, we have increased our efforts to balance centralized efficiency with the entrepreneurial benefits of decentralization. Each year in our planning process, we create a number of scenarios. Each of our businesses has the flexibility to do what is necessary within that business to react to conditions. For example, we have moved to more flexible manufacturing processes and schedules. During 2001, we lowered our breakeven point, which has benefited us.

**Yours is a capital-intensive business, but you are beginning to reduce your capital spending levels. How do you expect to continue to grow while keeping capital expenditures at lower levels?**

We had some catch-up spending to do when we got our feet on the ground after going public in 1993. We needed to invest to expand our engine business, spur manufacturing productivity and strengthen our engineering capabilities. In the past few years, for example, we have invested nearly \$75 million in research and engineering centers to better serve our customers and keep the pipeline of new products and applications flowing. Past capital spending has averaged 6% to 6.5% of sales excluding tooling. We are now beginning to harvest the benefits of that spending and expect the pace of capital investment to slow to 4.5% to 5% of sales. We are becoming more focused on our core competencies.

**The company has set a goal to improve its after-tax return on invested capital from an historic range of 7% to 9% to 14% by 2004. How do you expect to accomplish this?**

We are improving our return on invested capital in a number of ways. First, we can generate nearly 75% to 80% of our growth from our existing businesses. Second, we are more efficient. We have made the investments during the last five years to create a global manufacturing base to handle our diverse customer base, built four new technical facilities to keep us on the leading edge in technology and developed cellular manufacturing capabilities that provide us flexibility and improved productivity. From these investments, we expect to reduce our capital spending from about eighty cents to generate a dollar of sales to about fifty cents. Productivity improvements are outstripping cost increases and we are outsourcing low value-added manufacturing processes. Third, our operating margins are expected to improve as we bring on higher-margin new business and improve margins in our lower-margin businesses. Finally, our compensation system, driven by economic value, rewards our people for the improvements they make.

## A CONVERSATION WITH GEORGE STRICKLER continued

# Q&A

**BorgWarner invests a larger percent of sales in research and development than most auto suppliers. How do you determine the level and benefits of this spending?**

The life-blood of BorgWarner is the flow of new ideas that result in new business. We have a pipeline of \$1.2 billion in new business over the next three years. This expected business has more than doubled since 1997, and it is the true measure of the value of our research and development process. Each of our businesses is responsible for balancing the cost of development against profitable growth. This innovation process and higher levels of R&D spending have permitted us to develop new products that have either maintained or enhanced our operating margins. To encourage larger projects that might require more risk and resources, the company provides seed money to launch ideas that are backed by solid business cases. Once these projects are commercialized, our units pay back the initial investment to fund new ideas. Both DualTronic, our new, fuel-efficient transmission technology being launched in Europe this year with VW, and a version of our electronic all-wheel drive, introduced on the Hyundai Santa Fe in 2002, were created through this process.

**BorgWarner not only has worked on top-line growth and improving margins, but you have improved your financial measures and balance sheet.**

When we saw the downturn coming in late 2000, we established a target to reduce our debt to debt-plus-equity from its high of 55% to below 40%. In the last three years, we have reduced debt by \$394 million and reduced our debt to debt-plus-equity. Our goals are to maintain our ratio between 30% and 40%. The direct benefit of the cash flow we generated is the reduction of our annual interest expense to \$38 million in 2002, down by \$25 million or 40% since the peak of \$63 million in 2000. With current interest rates, we have repositioned our capital structure to be 60% fixed and 40% variable rates, with sufficient credit lines to support our global growth plan. One significant advantage of our global growth and international expansion is our improved global tax position. We have reduced our global tax rate by 4% in the last two years and can continue to improve.

**Tell us about your compensation system and how it benefits shareholders and employees.**

Throughout our company, employee pay is based in part on the improvements each one of us makes and the value created for shareholders. We determine value creation based on the ability to generate incremental profitability above the related investment cost. We are in the fifth year of using this approach. It has already changed the way we make decisions and invest for the future. As a company, this change is manifested in our improvements in sales and earnings and our increasing return on invested capital. Our return has improved from 8.7% in 2001 to 11.0% in 2002. We are well on our way to hit 14% in 2004.

### HARVESTING INVESTMENTS >

Significant investments in research and development and new engineering centers are paying off for us in new business. Having made these investments, we benefit going forward because we can lower our rate of spending while continuing to deliver growth.

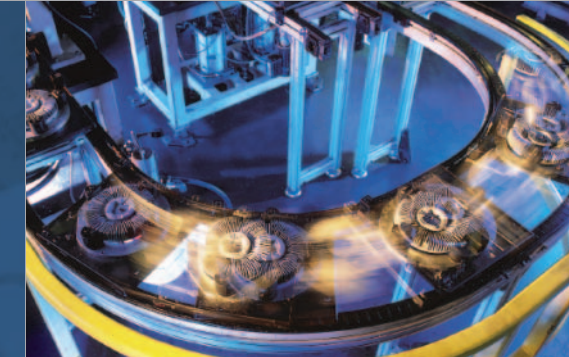


### < GLOBAL NETWORK

We are improving our return on invested capital by leveraging our worldwide network of manufacturing and technical facilities to support global customers. For example, four-wheel drive systems for the new Kia Sorento are produced using available European capacity, and then exported.

### MANUFACTURING FLEXIBILITY >

Automation and cellular manufacturing provide us flexibility and improved efficiency. Productivity improvements are outstripping cost increases and we are outsourcing low value-added manufacturing processes. Our compensation system rewards people for the improvements they make.



## DIRECTORS



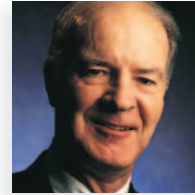
**Phyllis O. Bonanno** (2)  
President, International Trade Solutions, Inc.



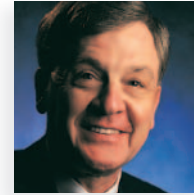
**Dr. Andrew F. Brimmer** (2)  
President  
Brimmer & Company, Inc.



**William E. Butler** (3,4)  
Chairman and Chief Executive Officer, Retired  
Eaton Corporation



**Jere A. Drummond** (1,3,4)  
Vice Chairman, Retired  
BellSouth Corporation



**John F. Fiedler** (1)  
Chairman  
BorgWarner Inc.

### Committees of the Board

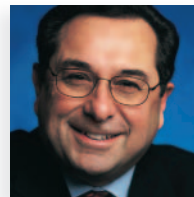
- 1 Executive Committee
- 2 Finance and Audit Committee
- 3 Compensation Committee
- 4 Board Affairs Committee



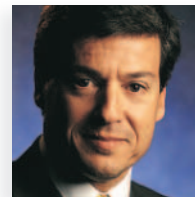
**Paul E. Glaske** (3,4)  
Chairman, President and Chief Executive Officer, Retired  
Blue Bird Corporation



**Ivan W. Gorr** (4)  
Chairman and Chief Executive Officer, Retired  
Cooper Tire & Rubber Company



**Timothy M. Manganello**  
President and Chief Executive Officer  
BorgWarner Inc.



**Alexis P. Michas** (1,2)  
Managing Partner and Director  
Stonington Partners, Inc.



**John Rau** (2,3)  
Chief Executive Officer  
Miami Corporation

## EXECUTIVE OFFICERS

**John F. Fiedler**  
Chairman

**Timothy M. Manganello**  
President and Chief Executive Officer

**George E. Strickler**  
Executive Vice President and Chief Financial Officer

**Robert D. Welding**  
Executive Vice President  
Group President, Driveline Group  
President and General Manager, Transmission Systems

**John J. McGill**  
Vice President  
President and General Manager,  
TorqTransfer Systems

**Alfred Weber**  
Vice President  
President and General Manager,  
Emissions/Thermal Systems

**F. Lee Wilson**  
Vice President  
President and General Manager,  
Turbo Systems

**Roger J. Wood**  
Vice President  
President and General Manager,  
Morse TEC

**William C. Cline**  
Vice President  
and Contoller

**Kimberly Dickens**  
Vice President,  
Human Resources

**Anthony D. Hensel**  
Vice President,  
Business Development  
and Acquisitions

**Laurene H. Horiszny**  
Vice President, General  
Counsel and Secretary

**John A. Kalina**  
Vice President and  
Chief Information Officer

**Jeffrey L. Obermayer**  
Vice President  
and Treasurer

## Management's Discussion and Analysis of Financial Condition and Results of Operations

BorgWarner Inc. and Consolidated Subsidiaries

### INTRODUCTION

BorgWarner Inc. and Consolidated Subsidiaries (the "Company") is a leading global supplier of highly engineered systems and components primarily for powertrain applications. Our products help improve vehicle performance, fuel efficiency, air quality and vehicle stability. They are manufactured and sold worldwide, primarily to original equipment manufacturers (OEM) of passenger cars, sport-utility vehicles, trucks and commercial transportation products. We operate manufacturing facilities serving customers in the Americas, Europe and Asia, and are an original equipment supplier to every major OEM in the world.

### RESULTS OF OPERATIONS 2002 vs. 2001 vs. 2000

BorgWarner reported net earnings for 2002 of \$149.9 million, or \$5.58 per diluted share, before charges for the cumulative effect of an accounting change related to goodwill. After this charge, the Company had a net loss of \$119.1 million, or \$(4.44) per diluted share. The Company's net earnings in 2001 were \$66.4 million, or \$2.51 per diluted share. Net earnings in 2000 were \$94.0 million or \$3.54 per diluted share.

The following table reconciles reported earnings to earnings before non-recurring charges and effects of change in accounting principle.

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Reported net earnings/(loss)	<b>\$(119.1)</b>	\$ 66.4	\$ 94.0
Change in accounting principle, net of tax	<b>269.0</b>	—	—
Goodwill amortization, net of tax	—	26.5	27.3
Non-recurring charges, net of tax	—	19.0	38.7
Adjusted net earnings	<b>\$ 149.9</b>	\$111.9	\$160.0

The earnings comparison for 2002 to 2001, other than the items reflected in the table above, was positively affected by increased sales, operating leverage, lower interest expense and a lower tax rate.

Overall, our sales increased 16.1% from 2001 and declined 11.1% between 2001 and 2000. The main causes of the sales increase in 2002 were increased production in the auto industry, increased demand for turbochargers, especially in Europe, and new business. As a comparison, worldwide vehicle production increased by 2.3% in 2002 and decreased by 3.8% in 2001. North American production increased by 5.7% in 2002 and decreased by 9.7% in 2001, Japanese production increased by 3.8% in 2002 and decreased by 2.3% in 2001 and Western European production decreased 1.5% in 2002 and increased 1.4% in 2001.

Our 2001 results reflected weak production demand, the weak Euro and Yen, production slowdowns and shutdowns, and further deterioration in the heavy truck market.

Our outlook for the industry as we head into 2003 is one of caution and uncertainty. The North American automotive market was strong in 2002, but increased incentives drove consumer sales. It is uncertain whether these incentive levels will continue in 2003 and what impact this will have. We anticipate global production levels of light vehicles to be steady or slightly lower than the 2002 levels. There is also uncertainty in the medium- and heavy- truck markets as these markets continue to reflect depressed business levels. We expect the medium and heavy truck markets to continue to be down in the first half of 2003, and are cautiously optimistic of a recovery in the second half of 2003. Assuming these conditions and no major negative events, we anticipate our sales and earnings to grow due to new business from increased penetration, new customers and new applications.

### RESULTS BY OPERATING SEGMENT

We announced a reorganization into two reportable operating segments in December of 2002 to be effective January 1, 2003. The two segments are Driveline and Engine. The Driveline segment is primarily the combination of the TorqTransfer Systems and Transmissions Systems segments. The Engine segment is primarily the combination of the Morse TEC, Air/Fluid Systems, and Cooling Systems segments. For purposes of this discussion, we will show the operating segment structure in place for 2002, where our products fell into five reportable operating segments: Morse TEC, Air/Fluid Systems, Cooling Systems, TorqTransfer Systems, and Transmission Systems. Set forth below are our results under both organizational structures for each of the last three years.

The Company adopted Statement of Financial Accounting Standards (SFAS) No. 142, "Goodwill and Other Intangible Assets," effective January 1, 2002. Accordingly, the segment EBITA table below and all Management's Discussion and Analysis segment comparisons of the three-year period excludes goodwill amortization. See Note Thirteen to the Consolidated Financial Statements for further details on the Company's implementation of SFAS No. 142.



# 2002 Management's Discussion and Analysis of Financial Condition and Results of Operations

## Net Sales

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Morse TEC	\$1,046.9	\$ 869.4	\$ 885.8
Air/Fluid Systems	388.4	357.8	427.8
Cooling Systems	235.8	220.5	281.3
TorqTransfer Systems	630.1	500.1	526.7
Transmission Systems	495.2	428.8	437.5
Divested operations and businesses held for sale	—	18.0	132.9
Inter-segment eliminations	(65.3)	(43.0)	(46.1)
Net sales	\$2,731.1	\$2,351.6	\$2,645.9

## Earnings Before Interest, Taxes and Goodwill Amortization (EBITA)

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Morse TEC	\$159.2	\$132.1	\$139.9
Air/Fluid Systems	23.4	19.4	42.6
Cooling Systems	25.1	25.2	49.6
TorqTransfer Systems	39.2	24.2	37.1
Transmission Systems	64.9	54.2	51.7
Divested operations and businesses held for sale	—	(0.2)	4.0
Earnings before interest, taxes and goodwill amortization	\$311.8	\$254.9	\$324.9

**Morse TEC** sales increased by 20.4% and EBITA increased by 20.5%. Contributing to the sales increase were strong sales of engine timing chains, increased usage of turbochargers, and continued strength in sales of sport-utility vehicles (SUVs), many of which utilize the Company's chain products for their four wheel drive systems. The EBITA increase was due to greater productivity from increased production volume. The EBITA increase would have been greater except for the impact of the Honeywell International Inc. (Honeywell) agreement discussed more fully in Note Eleven to the Consolidated Financial Statements.

Morse TEC sales decreased 1.9% and EBITA declined by 5.6% from 2000 to 2001. The North American automotive downturn affected this business, but was partially offset by expanded applications, particularly for engine timing systems. The EBITA decline was due to the previously mentioned lower volumes and a change in mix between chain products and lower margin turbocharger products.

Morse TEC revenue is expected to grow in the coming years as turbocharger capacity is increased to meet demand on direct-injected diesel passenger cars

and as new generations of variable geometry turbochargers for commercial diesel applications are introduced. The introduction of additional products, including timing systems for Chrysler overhead cam engines, increased North American transplant business, Ford's global four-cylinder engine program, and drive chain for the new Toyota hybrid engine and other Japanese and Korean applications, are expected in the coming years. This business expects to benefit from the continued conversion of engine timing systems from belts to chains in both Europe and Japan. Such growth may be tempered by the current economic climate, where new programs at OEMs could be delayed.

**Air/Fluid Systems** experienced an 8.6% increase in sales and a 20.6% increase in EBITA compared to 2001. The increase in sales was primarily due to continued ramp up and higher volumes of transmission control modules for DaimlerChrysler, a major customer. The increase in EBITA was due to the increased volume and higher productivity from facility rationalizations in late 2000.

Sales decreased by 16.4% and EBITA decreased 54.5%, from 2001 to 2000. The decline in sales was primarily due to pricing and volume weakness at DaimlerChrysler. The decline in EBITA was due to volume decreases, product mix issues and production issues related to facility rationalizations.

Despite a tempered outlook for 2003, we believe that this segment continues to provide opportunities for growth. We expect the segment to benefit from the trend in automatic transmissions to convert individual solenoids to modules and "smart" modules with integrated transmission control units. The segment should also benefit from the trend toward non-conventional automated transmissions. Other opportunities in the coming years include products designed to improve fuel efficiency and reduce emissions as well as fluid pumps for engine hydraulics supporting variable cam timing and engine lubrication.

**Cooling Systems'** sales increased 6.9% and EBITA decreased 0.4%. Penetration into Asian and European markets contributed to the increased revenues. EBITA decreased primarily due to raw material price increases and costs associated with a facility rationalization that began in late 2001 and should be completed by early 2003.

Sales decreased by 21.6% and EBITA decreased by 49.2% from 2000 to 2001. Revenues and EBITA were heavily impacted by the deteriorating North American market conditions. Approximately 80% of the business' sales are to customers in North America, mainly in the sport-utility, light-, medium- and heavy-truck markets. This performance was in line with our expectations due to weakness in the North American heavy truck market, along with an application lost in 2001.

We expect better results in 2003 when new business is launched and the truck markets recover. Increasing fuel economy and environmental legislation in North America and Europe are expected to drive demand for electronically controlled cooling systems to accommodate increasingly higher operating engine temperatures. These requirements are also driving developing countries to embrace mechanically controlled drives. Because of our full product range and manufacturing locations in every major vehicle producing region, we expect to be well positioned to benefit from adoption of more advanced cooling technologies in these markets.

**TorqTransfer Systems'** sales increased 26.0% and EBITA increased 62.0% from the prior year. The increase in sales was due to higher volumes for Hyundai and Kia, and the InterActive Torque Management (ITM)<sup>TM</sup> system application in the Acura MDX and the recently released Honda Pilot. Additionally, TorqTransfer Systems launched new applications for some GM vehicles, including the Hummer H2 and GMC Yukon, in mid-2002. The EBITA increase was due to higher volumes, and since this segment has a relatively high fixed cost structure, production volume changes result in larger swings in earnings.

Sales were down 5.1% and EBITA was down 34.8% in 2001 versus 2000. This segment suffered particularly in the early part of the year from the effects of erratic scheduling. OEMs cut volumes at short notice in response to the market downturn and the effects of the Ford Explorer/Firestone tire issue. The EBITA decline was compounded by the need to support the launch of some new programs, which involved substantial engineering effort and the installation of new manufacturing capacity.

For 2003, this segment expects to benefit from a full year of a new contract to supply transfer cases to General Motors, as well as continued increases in business with Kia and Hyundai. We expect moderate growth from this segment in 2003.

**Transmission Systems'** sales increased 15.5%, and EBITA increased 19.7% in 2002. Sales growth was strong in all regions for this segment, due to a combination of market conditions and new applications, both in North America and overseas. The EBITA increase was driven by a combination of increased volume and cost controls.

Compared to 2000, 2001 sales decreased 2.0%. The sales reduction was linked to volume decreases experienced by major North American OEMs, driven by the general North American automotive industry downturn as well as market share losses to European and Asian automakers in North America. EBITA in

2001 was 4.8% above 2000 levels. Because of significant cost cutting efforts taken in late 2000 and early 2001, this segment was able to increase EBITA, even while sales decreased. This segment was quick to respond to the softening North American marketplace and reduced overhead costs to be more in line with the then current industry levels.

We expect the Transmission Systems segment to achieve moderate sales growth in 2003, linked to volume ramp-ups in recently launched applications as well as continued global market share increases by key customers in Europe and Asia.

**New operating segment structure for 2003.** Below is the table for sales and EBITA for the past three years under the new operating structure. Note the EBITA numbers exclude goodwill amortization.

## Net Sales

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Driveline	\$1,122.1	\$ 937.2	\$ 980.0
Engine	1,648.2	1,426.6	1,568.3
Divested operations and businesses held for sale	—	18.0	132.9
Inter-segment eliminations	(39.2)	(30.2)	(35.3)
Net sales	\$2,731.1	\$2,351.6	\$2,645.9

## Earnings Before Interest, Taxes and Goodwill Amortization (EBITA)

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Driveline	\$ 99.4	\$ 76.8	\$ 85.3
Engine	212.4	178.3	235.6
Divested operations and businesses held for sale	—	(0.2)	4.0
Earnings before interest, taxes and goodwill amortization	\$311.8	\$254.9	\$324.9

**Divested operations and businesses held for sale** includes the results of Fuel Systems, which was sold in 2001; and the HVAC business, which was sold during 2000. These businesses did not fit our strategic goals, and we believe our resources are better spent on our core technologies in highly engineered powertrain components and systems. The sale of the Fuel Systems business did not result in a significant gain or loss. We adjusted our carrying value of this business in 2000 as part of the restructuring charge discussed on page 32. The \$5.4 million gain on the sale of the HVAC business in 2000 is included in other income. Divested operations and businesses held for sale contributed sales of \$18.0 million, and \$132.9 million and EBITA of \$(0.2) million, and \$4.0 million in 2001 and 2000, respectively.

## Management's Discussion and Analysis of Financial Condition and Results of Operations

**Corporate** is the difference between calculated total company EBITA and the total from the segments and represents corporate headquarters expenses and expenses not directly attributable to the individual segments. This expense was \$40.3 million in 2002, \$26.5 million in 2001, and \$4.6 million in 2000, excluding non-recurring charges in 2001 and 2000. This amount represents headquarters expenses and expenses not assigned to individual segments. The main reason for the increase in the expense was a decrease in excess of earnings from pension assets over the costs of the U.S. pension plans of \$5.3 million from 2001 to 2002 and \$10.5 million from 2000 to 2001. Additionally, expenses for post retirement benefits for discontinued operations, which are captured at the corporate level, contributed to the increase in 2002. Also impacting this number was a \$5.4 million gain on the sale of the HVAC business in 2000. Corporate headquarters expense was slightly higher at \$24.0 million in 2002 compared to \$20.5 million in 2001 and \$19.2 million in 2000.

Our top ten customers accounted for approximately 78% of consolidated sales in 2002 and 2001 compared to 77% in 2000. Ford continues to be our largest customer with 26% of consolidated sales in 2002, compared to 30% in 2001 and 2000. DaimlerChrysler, our second largest customer, represented 20% of consolidated net sales in 2002, 21% in 2001 and 19% in 2000; and General Motors accounted for 12%, 12%, and 13%, in 2002, 2001, and 2000, respectively. No other customer accounted for more than 10% of sales in any of the periods presented.

### OTHER FACTORS AFFECTING RESULTS OF OPERATIONS

The following table details our results of operations as a percentage of sales:

Year Ended December 31,	2002	2001	2000
Net sales	<b>100.0%</b>	100.0%	100.0%
Cost of sales	<b>79.7</b>	80.4	79.0
Gross profit	<b>20.3</b>	19.6	21.0
Selling, general and administrative expenses	<b>11.1</b>	10.6	9.8
Goodwill amortization	—	1.8	1.6
Restructuring and other non-recurring charges	—	1.2	2.4
Other, net	—	(0.1)	(0.3)
Operating income	<b>9.2%</b>	6.1%	7.5%

**Gross profit** for 2002 was 20.3%, an increase from 19.6% in 2001 and down from the 21.0% in 2000. The increase in gross profit in 2002 is mainly due to higher sales volumes. The decrease in 2001 compared to 2000 is attributable to lower sales volumes, which made it more difficult to cover the fixed costs of our manufacturing facilities. Additionally, many of our core businesses also showed gross margin improvement in both 2001 and 2000. The decrease in margin from 2000 to 2002 is due mainly to a shift in sales to lower margin businesses. For example, TorqTransfer Systems had the largest percentage sales gain in 2002, but has the lowest gross profit percentage because its products have the highest purchased content. Each group has experienced gross profit improvement at the operating level in 2002.

The combination of price reductions to customers and cost increases for material, labor and overhead totaled approximately \$75 million in 2002, as compared to \$37 million and \$16 million in 2001 and 2000, respectively. We were able to partially offset these impacts by actively pursuing reductions from our suppliers, making changes in product design and by using process technology to remove cost and/or improve manufacturing capabilities.

**Selling, general and administrative expenses** (SG&A) as a percentage of sales increased to 11.1% from 10.6% and 9.8% in 2001 and 2000, respectively. The increase in SG&A is due to several factors, including an increase in retiree costs for both pension and health care. Another factor is our continued commitment to research and development (R&D) in order to capitalize on growth opportunities. R&D spending was \$109.1 million, or 4.0% of sales, as compared with \$104.5 million, or 4.4% of sales, and \$112.0 million, or 4.2% of sales in 2002, 2001 and 2000, respectively. We continue to invest in a number of cross-segment R&D programs, as well as a number of other key programs, all of which are necessary for short- and long-term growth. We intend to maintain our commitment to R&D investment while continuing to focus on controlling other SG&A costs.

**Restructuring and other non-recurring charges** were \$28.4 million in 2001 and \$62.9 million in 2000. The 2001 non-recurring charges primarily include adjustments to the carrying value of certain assets and liabilities related to businesses acquired and disposed of over the past three years. Of the \$28.4 million of pretax charges in 2001, \$5.0 million represents non-cash charges. Approximately \$3.3 million was spent in 2001, \$8.4 million was spent in 2002, and \$8.4 million was transferred to environmental reserves

in 2001. The remaining \$3.3 million is expected to be spent in 2003. The 2001 non-recurring charges included \$8.4 million of environmental remediation costs related to sold businesses and \$12.0 million of product quality costs for issues with products that were sold by acquired businesses prior to acquisition, all of which have been corrected in the currently produced products. The Company expects to fund the total cash outlay of these actions from operations.

Restructuring and other non-recurring charges totaling \$62.9 million were incurred in the second half of 2000 in response to deteriorating market conditions. The charges included the rationalization and integration of certain businesses and actions taken to bring costs in line with vehicle production slowdowns in major customer product lines. Of the \$62.9 million in pretax charges, \$47.3 million represented non-cash charges. Approximately \$4.4 million was spent in 2000 and the remaining \$11.2 million was spent in 2001. The actions taken as part of the 2000 restructuring charges are expected to generate approximately \$19 million in annualized savings, primarily from lower salaries and benefit costs and reduced depreciation charges. These savings were more than offset by lower revenue from the deterioration in the automotive and heavy-duty truck markets.

Components of the restructuring and other non-recurring charges are detailed in the following table and discussed further below.

	millions of dollars				
	Severance and Other Benefits	Asset Write-downs	Loss on Sale of Business	Other Exit Costs and Non-Recurring Charges	Total
Provisions	\$ 8.9	\$ 11.6	\$ 35.2	\$ 7.2	\$ 62.9
Incurred	(4.3)	—	—	(0.1)	(4.4)
Non-cash write-offs	—	(11.6)	(35.2)	(0.5)	(47.3)
Balance, December 31, 2000	4.6	—	—	6.6	11.2
Provisions	—	5.0	—	23.4	28.4
Incurred	(4.6)	—	—	(18.3)	(22.9)
Non-cash write-offs	—	(5.0)	—	—	(5.0)
Balance, December 31, 2001	—	—	—	11.7	11.7
Provisions	—	—	—	—	—
Incurred	—	—	—	(8.4)	(8.4)
Non-cash write-offs	—	—	—	—	—
Balance, December 31, 2002	\$ —	\$ —	\$ —	\$ 3.3	\$ 3.3

Severance and other benefit costs relate to the reduction of approximately 220 employees from the workforce. The reductions affected each of our operating segments, apart from TorqTransfer Systems, across each of our geographical areas, and across each major functional area, including production and selling and administrative positions. Approximately \$8.9 million had been paid for severance and other benefits for the terminated employees.

Asset write-downs primarily consist of the write-off of impaired assets no longer used in production as a result of the industry downturn and the consolidation of certain operations. Such assets have been taken out of productive use and have been disposed.

Loss on anticipated sale of business represents the Fuel Systems business, which was sold to an investor group led by TMB Industries, a private equity group, in April 2001 for a pretax loss of \$35.2 million. Fuel Systems produced metal tanks for the heavy-duty truck market in North America and did not fit our strategic focus on powertrain technology. Terms of the transaction did not have a significant impact on the Company's results of operations, financial condition or cash flows.

Other exit costs and non-recurring charges are primarily non-employee related exit costs incurred to close certain non-production facilities the Company has previously sold or no longer needs and non-recurring product quality related charges. The 2001 non-recurring charges include \$8.4 million of environmental remediation costs related to sold businesses and \$12.0 million of product quality costs for issues with products that were sold by acquired businesses prior to acquisition, all of which have been fixed in the currently produced products.

**Goodwill amortization** was zero in 2002, compared to \$42.0 million in 2001 and \$43.3 million in 2000. As discussed more fully in Note Thirteen to the Consolidated Financial Statements, the Company adopted the provisions of SFAS No. 142, "Goodwill and Other Intangible Assets," which discontinued the amortization of goodwill effective January 1, 2002.

**Other, net** decreased to \$0.9 million of income in 2002, from \$2.1 million in 2001 and \$8.1 million in 2000. The 2000 number included a gain on the sale of the HVAC business of \$5.4 million.

## Management's Discussion and Analysis of Financial Condition and Results of Operations

**Equity in affiliate earnings, net of tax** increased by \$4.6 million from 2001 and decreased by \$0.8 million between 2001 and 2000. This line item is driven by the results of our 50% owned Japanese joint venture, NSK-Warner. Our equity in NSK-Warner's earnings of \$20.4 million was \$4.7 million higher than 2001, which was \$1.2 million lower than 2000.

**Interest expense, net** decreased by \$10.1 million in 2002 and decreased by \$14.8 million between 2001 and 2000. The decreases in 2002 and 2001 were due to lower interest rates as well as lower debt levels, as the Company used cash generated in 2002 and 2001 to pay off debt. In 2002, the Company paid down \$90.3 million of balance sheet debt and reduced the amount of securitized accounts receivable sold by \$30.0 million. In 2001, the Company paid down \$57.8 million of balance sheet debt and reduced the amount of securitized accounts receivable sold by \$30.0 million. The Company took advantage of lower interest rates through the use of interest rate swap arrangements described more fully in Note Six to the Consolidated Financial Statements. At the end of 2002, the amount of debt with fixed interest rates was 61% of total debt, including the impact of the interest rate swaps.

The provision for income taxes results in an effective tax rate for 2002 of 33.0% compared with rates of 36.1% for 2001 and 36.2% for 2000. Our effective tax rates have been lower than the standard federal and state tax rates due to the realization of certain R&D and foreign tax credits; foreign rates, which differ from those in the U.S.; and offset somewhat by non-deductible expenses. The decrease in rates is also a result of certain changes in the Company's legal structure. In 2003, the Company anticipates realizing a further 2% to 4% improvement in its income tax rate.

### FINANCIAL CONDITION AND LIQUIDITY

Our cash and cash equivalents increased \$3.7 million at December 31, 2002 compared with December 31, 2001. Net cash provided by operating activities of \$261.4 million was primarily used to fund \$138.4 million of capital expenditures, repay \$120.3 million of long-term debt, and distribute \$16.0 million of dividends to our shareholders.

Operating cash flow of \$261.4 million is \$23.6 million more than in 2001. The \$261.4 million consists of a net loss of \$119.1 million, non-cash charges of \$453.5 million and a \$73.0 million decrease in net operating assets and liabilities, net of the effects of divestitures. Non-cash charges are primarily

comprised of \$137.4 million in depreciation and amortization and the \$269.0 million, net of tax non-cash charge for a change in accounting principle. Accounts receivable increased \$67.4 million, however, \$30.0 million of the increase was due to the reduction in securitized accounts receivable sold.

Net cash used in investing activities totaled \$130.0 million, compared with \$165.3 million in the prior year. 2001 investing activities benefited by \$14.4 million in net proceeds from the sales of businesses, mainly non-strategic portions of our 1999 acquisitions. Capital spending totaling \$138.4 million in 2002 was \$2.5 million lower than in 2001. Approximately 60% of the 2002 spending was related to expansion, with the remainder for cost reduction and other purposes. Heading into 2003, we plan to keep capital spending under control to be prepared if the industry slows down. Our goal is to reduce spending as a percentage of sales from historical levels of up to 6% to a target of 4.5% to 5.5%.

Stockholders' equity decreased by \$122.8 million in 2002. The decrease was caused by net loss of \$119.1 million along with adjustments for minimum pension liability of \$42.3 million, dividends of \$16.0 million, and purchase of treasury stock of \$18.1 million, offset by currency translation adjustments of \$40.9 million and stock issuances to retirement plans of \$20.8 million. In relation to the dollar, the currencies in foreign countries where we conduct business, particularly the Euro, strengthened, especially at the end of 2002, therefore causing the currency translation component of other comprehensive income to increase in 2002.

Our total capitalization as of December 31, 2002 of \$1,628.1 million is comprised of short-term debt of \$14.4 million, long-term debt of \$632.3 million and stockholders' equity of \$981.4 million. Capitalization at December 31, 2001 was \$1,841.2 million. During the year, we reduced our balance sheet debt to capital ratio to 39.9% from 40.0% in 2001 and 42.2% in 2000. If the reduction to equity associated with the adoption of SFAS No. 142 had taken place in 2001, the 2001 ratio would have been 46.9%.

The Company has a \$350 million revolving credit facility that extends until July 21, 2005. Additionally, the Company also has \$300 million available under a shelf registration statement on file with the Securities and Exchange Commission through which a variety of debt and/or equity instruments may be issued. The Company has access to the commercial paper market through an accounts receivable securitization facility which is rolled over annually. As of December 31, 2002, the facility was sized at \$90 million and has been in place with its current funding partner since January 1994. From

a credit quality perspective, the Company has an investment grade credit rating of BBB+ from Standard & Poor's and Baa2 from Moody's.

The Company's required debt principal amortization and payment obligations under lease commitments at December 31, 2002, are as follows:

	Total	2003	2004	2005	2006	2007+
Indebtedness	\$646.7	\$14.4	\$ 7.5	\$39.0	\$149.5	\$436.3
Operating Leases	36.4	4.3	4.2	22.7	0.9	4.3
Total	\$683.1	\$18.7	\$11.7	\$61.7	\$150.4	\$440.6

We believe that the combination of cash from operations and available credit facilities will be sufficient to satisfy our cash needs for our current level of operations and our planned operations for the foreseeable future. We will continue to balance our needs for internal growth, debt reduction and share repurchase.

### OTHER MATTERS

#### *Environmental/Contingencies*

The Company and certain of its current and former direct and indirect corporate predecessors, subsidiaries and divisions have been identified by the United States Environmental Protection Agency and certain state environmental agencies and private parties as potentially responsible parties (PRPs) at various hazardous waste disposal sites under the Comprehensive Environmental Response, Compensation and Liability Act (Superfund) and equivalent state laws and, as such, may presently be liable for the cost of clean-up and other remedial activities at 44 such sites. Responsibility for clean-up and other remedial activities at a Superfund site is typically shared among PRPs based on an allocation formula.

Based on information available to the Company, which in most cases, includes: an estimate of allocation of liability among PRPs; the probability that other PRPs, many of whom are large, solvent public companies, will fully pay the cost apportioned to them; currently available information from PRPs and/or federal or state environmental agencies concerning the scope of contamination and estimated remediation costs; remediation alternatives; estimated legal fees; and other factors, the Company has established a reserve for indicated environmental liabilities with a balance at December 31, 2002 of approximately \$20.3 million. The Company expects this amount to be expended over the next three to five years.

The Company believes that none of these matters, individually or in the aggregate, will have a material adverse effect on its financial condition or future operating results, generally either because estimates of the maximum potential liability at a site are not large or because liability will be shared with other PRPs, although no assurance can be given with respect to the ultimate outcome of any such matter.

In connection with the sale of Kuhlman Electric Corporation, the Company agreed to indemnify the buyer and Kuhlman Electric for certain environmental liabilities relating to the past operations of Kuhlman Electric. During 2000, Kuhlman Electric notified the Company that it discovered potential environmental contamination at its Crystal Springs, Mississippi plant while undertaking an expansion of the plant.

The Company has been working with the Mississippi Department of Environmental Quality and Kuhlman Electric to investigate the extent of the contamination. The investigation has revealed the presence of polychlorinated biphenyls (PCBs) in portions of the soil at the plant and neighboring areas. Kuhlman Electric and others, including the Company, have been sued in several related lawsuits which claim personal and property damage. The Company has moved to be dismissed from some of these lawsuits.

The Company's lawsuit against Kuhlman Electric seeking declaration of the scope of the Company's contractual indemnity has been amicably resolved and dismissed. The Company believes that the reserve for environmental liabilities is sufficient to cover any potential liability associated with this matter. However, due to the nature of environmental liability matters, there can be no assurance that the actual amount of environmental liabilities will not exceed the amount reserved.

Patent infringement actions were filed against the Company's turbocharger unit located in Europe in late 2001 and in 2002 by Honeywell International. The Dusseldorf District Court in Germany entered a preliminary injunction against the Company on July 9, 2002 limiting the Company's ability to manufacture and sell a certain variable turbine geometry (VTG) turbocharger in Germany until a patent hearing, then scheduled for December 2002.

In order to continue uninterrupted service to its customer, the Company paid Honeywell \$25 million in July 2002 so that it could continue to make and deliver disputed car turbochargers through June of 2003. The agreement with Honeywell partially settles litigation, suspends the July 2002 preliminary injunction and provides for a license to deliver until June 2003. As part of the agreement, Honeywell agreed to not seek damages for deliveries made before June 30, 2003.

The Company appealed the granting of the July preliminary injunction, but Honeywell withdrew the preliminary injunction before the Company's appeal could be heard. In January 2003, the Dusseldorf District Court decided that the Company's current design of the VTG turbocharger infringes the patent asserted by Honeywell. The Company continues to believe that its current production designs do not violate the Honeywell patents and are not covered by their lawsuit and plans to challenge the District Court's decision. The Company has informed its customers of its inability to deliver the current design VTG turbocharger after June 30, 2003. The Company continues to develop a new generation VTG turbocharger to replace the current model and expects to begin delivery of the new generation VTG turbocharger by July 1, 2003 if approved by the customers.

The Company is recognizing expense of the \$25 million license payment as it ships the affected products from January 2002 to June 2003. In 2002, \$14.5 million of expense was recognized.

### *Critical Accounting Policies*

The Consolidated Financial Statements are prepared in conformity with accounting principles generally accepted in the United States of America. The preparation of these financial statements requires the use of estimates, judgments and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the periods presented. In preparing these financial statements, management has made its best estimates and judgments of certain amounts included in the financial statements, giving due consideration to materiality. The significant accounting principles which management believes are the most important to aid in fully understanding our financial results are included below. Management also believes that all of the accounting policies are important to investors. Therefore, the Notes to the Consolidated Financial Statements provide a more detailed description of these and other accounting policies of the Company.

### **Sales of Receivables**

The Company securitizes and sells certain receivables through third party financial institutions without recourse. The amount sold can vary each month based on the amount of underlying receivables. In December 2002, the Company reduced the maximum size of the facility from \$120 million to \$90 million.

### **Product Warranty**

Provisions for estimated expenses related to product warranty are made at the time products are sold. These estimates are established using historical information about the nature, frequency, and average cost of warranty claims. Management actively studies trends of warranty claims and takes action to improve vehicle quality and minimize warranty claims. Management believes that the warranty reserve is appropriate; however, actual claims incurred could differ from the original estimates, requiring adjustments to the reserve.

### **Goodwill and Other Intangible Assets**

The Company adopted SFAS No. 142, "Goodwill and Other Intangible Assets," effective January 1, 2002. Under SFAS No. 142, goodwill is no longer amortized; however, it must be tested for impairment at least annually. Amortization continues to be recorded for other intangible assets with definite lives. The Company is subject to financial statement risk to the extent that goodwill and indefinite-lived intangible assets become impaired. See Note Thirteen to the Consolidated Financial Statements for more information regarding goodwill and the adoption of SFAS No. 142.

### **Pension and Other Postretirement Benefits**

The Company's employee pension and other postretirement benefit (i.e., health care) costs and obligations are dependent on management's assumptions used by actuaries in calculating such amounts. These assumptions include discount rates, health care cost trend rates, inflation, long-term return on plan assets, retirement rates, mortality rates and other factors. Management bases the discount rate assumption on investment yields available at year-end on AA-rated corporate long-term bond yields. Health care cost trend assumptions are developed based on historical cost data, the near-term outlook, and an assessment of likely long-term trends. The inflation assumption is based on an evaluation of external market indicators. Retirement and mortality rates are based primarily on actual plan experience. Actual results that differ from the assumptions are accumulated and amortized over future periods and, therefore, generally affect the recognized expense and recorded obligation in such future periods. While management believes that the assumptions used are appropriate, significant differences in actual experience or significant changes in assumptions would affect pension and other postretirement benefit costs and obligations. See Note Eight to the Consolidated Financial Statements for more information regarding costs and assumptions for employee retirement benefits.

### **Impairment of Long-Lived Assets**

The Company periodically reviews the carrying value of its long-lived assets held and used and assets to be disposed of, including other intangible assets, when events and circumstances warrant such a review. This review is performed using estimates of future cash flows. If the carrying value of a long-lived asset is considered impaired, an impairment charge is recorded for the amount by which the carrying value of the long-lived asset exceeds its fair value. Management believes that the estimates of future cash flows and fair value are reasonable; however, changes in estimates of such cash flows and fair value could affect the evaluations.

### *New Accounting Pronouncements*

In July 2001, the Financial Accounting Standards Board (FASB) issued SFAS No. 142 "Goodwill and Other Intangible Assets." SFAS No. 142, effective January 1, 2002, specifies that goodwill and certain intangible assets will no longer be amortized but instead will be subject to periodic impairment testing. SFAS No. 142 also requires that, upon adoption, goodwill be allocated to the Company's reporting units and a two-step impairment analysis be performed.

The Company adopted SFAS No. 142 effective January 1, 2002. Under the transitional provisions of the SFAS, the Company allocated goodwill to its reporting units and performed the two-step impairment analysis. The fair value of the Company's businesses used to determine the goodwill impairment was computed using the expected present value of associated future cash flows. As a result of this analysis, the Company determined that goodwill associated with its Cooling Systems and Air/Fluid Systems operating segments was impaired due to fundamental changes in their served markets, particularly the medium- and heavy-truck markets, and weakness at a major customer. As a result a charge of \$269 million, net of taxes of \$76 million, was recorded. The impairment loss was recorded in the first quarter of 2002 as a cumulative effect of change in accounting principle.

In August 2001, the FASB issued SFAS No. 144, "Accounting for the Impairment or Disposal of Long-Lived Assets," which addresses financial accounting and reporting for the impairment or disposal of long-lived assets. The Company adopted SFAS No. 144 effective January 1, 2002. The adoption of SFAS No. 144 had no impact on the Company's results of operations, financial position or cash flows.

In April 2002, the FASB issued SFAS No. 145, "Rescission of FASB Statements No. 4, 44, and 64, Amendment of FASB Statement No. 13, and

Technical Corrections." This statement eliminates the automatic classification of gain or loss on extinguishment of debt as an extraordinary component of income and requires that such gain or loss be evaluated for extraordinary classification under the guidelines of Accounting Principles Board Opinion No. 30, "Reporting the Results of Operations." This statement also requires sales-leaseback accounting for certain lease modifications that have economic effects that are similar to sales-leaseback transactions and makes various other technical corrections to the existing pronouncements mentioned above. The adoption of SFAS No. 145 had no impact on the Company's results of operations, financial position or cash flows.

In June 2002, the FASB issued Statement No. 146, "Accounting for Costs Associated with Exit or Disposal Activities." This standard requires companies to recognize costs associated with exit or disposal activities when they are incurred rather than at the date of a commitment to an exit or disposal plan. Examples of costs covered by the standard include lease termination costs and certain employee severance costs that are associated with a restructuring, discontinued operation, plant closing, or other exit or disposal activity. SFAS No. 146 is to be applied prospectively to exit or disposal activities initiated after December 31, 2002. The Company does not expect that the adoption of SFAS No. 146 will have a material impact on the Company's results of operations, financial position or cash flows.

In November 2002, the FASB issued Interpretation No. 45 "Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness to Others" (FIN 45), which expands previously issued accounting guidance and disclosure requirements for certain guarantees. FIN 45 requires the Company to recognize an initial liability for the fair value of an obligation assumed by issuing a guarantee. The provision for initial recognition and measurement of the liability will be applied on a prospective basis to guarantees issued or modified after December 31, 2002. The adoption of FIN 45 will not have a material impact on the Company's financial position, operating results or liquidity and resulted in additional disclosures in the Company's Consolidated Financial Statements.

In December 2002, the FASB issued SFAS No. 148, "Accounting for Stock-Based Compensation – Transition and Disclosure – an amendment of FASB Statement No. 123." This Statement amends FASB Statement No. 123 to provide alternative methods of transition for a voluntary change to the fair value based method of accounting for stock-based employee compensation and amends the disclosure requirements to require prominent disclosures in both annual and interim financial statements about the method of

## Management's Discussion and Analysis of Financial Condition and Results of Operations

accounting for stock-based employee compensation and the effect of the method used on reported results. The Company is required to adopt SFAS No. 148 on January 1, 2004. The Company is currently assessing the impact of the adoption of SFAS No. 148.

In January 2003, the FASB issued Interpretation No. 46, "Consolidation of Variable Interest Entities," (FIN 46). FIN 46 requires that the assets, liabilities and results of the activity of variable interest entities be consolidated into the financial statements of the entity that has the controlling financial interest. FIN 46 also provides the framework for determining whether a variable interest entity should be consolidated based on voting interest or significant financial support provided to it. For the Company, this Interpretation is effective immediately for variable interest entities created after January 31, 2003 and effective July 1, 2003, for variable interest entities acquired before February 1, 2003. The Company does not expect the adoption of FIN 46 to have any impact on its fiscal 2003 Consolidated Financial Statements.

### *Qualitative and Quantitative Disclosure About Market Risk*

The Company's primary market risks include fluctuations in interest rates and foreign currency exchange rates. We are also affected by changes in the prices of commodities used or consumed in our manufacturing operations. Some of our commodity purchase price risk is covered by supply agreements with customers and suppliers. Other commodity purchase price risk is addressed by hedging strategies, which include forward contracts. We do not engage in any derivative instruments for purposes other than hedging specific risk.

We have established policies and procedures to manage sensitivity to interest rate, foreign currency exchange rate market, and commodity purchase price risk, which include monitoring the level of exposure to each market risk.

Interest rate risk is the risk that we will incur economic losses due to adverse changes in interest rates. Our earnings exposure related to adverse movements in interest rates is primarily derived from outstanding floating rate debt instruments that are indexed to floating money market rates. A 10% increase or decrease in the average cost of our variable rate debt would result in a change in pre-tax interest expense of approximately \$0.5 million.

We also measure interest rate risk by estimating the net amount by which the fair value of all of our interest rate sensitive assets and liabilities would be impacted by selected hypothetical changes in market interest rates. Fair value is estimated using a discount cash flow analysis. Assuming a hypothetical instantaneous 10% change in interest rates as of December 31,

2002, the net fair value of these instruments would increase by approximately \$29.2 million if interest rates decreased and would decrease by approximately \$26.6 million if interest rates increased. Our interest rate sensitivity analysis assumes a parallel shift in interest rate yield curves. The model, therefore, does not reflect the potential impact of changes in the relationship between short-term and long-term interest rates. Interest rate sensitivity at December 31, 2001, measured in a similar manner, was slightly greater than at December 31, 2002.

Foreign currency risk is the risk that we will incur economic losses due to adverse changes in foreign currency exchange rates. We mitigate our foreign currency exchange rate risk principally by establishing local production facilities in markets we serve, by invoicing customers in the same currency as the source of the products and by funding some of our investments in foreign markets through local currency loans. Such non-U.S. dollar debt was \$152.0 million as of December 31, 2002 and \$116.3 million as of December 31, 2001. We also monitor our foreign currency exposure in each country and implement strategies to respond to changing economic and political environments. In addition, the Company periodically enters into forward contracts in order to reduce exposure to exchange rate risk related to transactions denominated in currencies other than the functional currency. In the aggregate, our exposure related to such transactions was not material to our financial position, results of operations or cash flows in both 2002 and 2001.

### **DISCLOSURE REGARDING FORWARD-LOOKING STATEMENTS**

Statements contained in this Management's Discussion and Analysis of Financial Condition and Results of Operations may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current expectations, estimates and projections. Words such as "expects," "anticipates," "intends," "plans," "believes," "estimates," variations of such words and similar expressions are intended to identify such forward-looking statements. Forward-looking statements are subject to risks and uncertainties, which could cause actual results to differ materially from those projected or implied in the forward-looking statements. Such risks and uncertainties include: fluctuations in domestic or foreign automotive production, the continued use of outside suppliers, fluctuations in demand for vehicles containing BorgWarner products, general economic conditions, as well as other risks detailed in the Company's filings with the Securities and Exchange Commission, including the Cautionary Statements filed as Exhibit 99.1 to the Form 10-K for the fiscal year ended December 31, 2002.

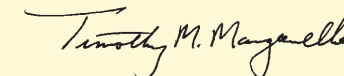
## Management's Responsibility for Consolidated Financial Statements

The information in this report is the responsibility of management. BorgWarner Inc. and Consolidated Subsidiaries (the "Company") has in place reporting guidelines and policies designed to ensure that the statements and other information contained in this report present a fair and accurate financial picture of the Company. In fulfilling this management responsibility, we make informed judgments and estimates conforming with accounting principles generally accepted in the United States of America.

The accompanying Consolidated Financial Statements have been audited by Deloitte & Touche LLP, independent auditors. Management has made available all the Company's financial records and related information deemed necessary by Deloitte & Touche LLP. Furthermore, management believes that all representations made by it to Deloitte & Touche LLP during its audit were valid and appropriate.

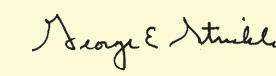
Management is responsible for maintaining a comprehensive system of internal control through its operations that provides reasonable assurance that assets are protected from improper use, that material errors are prevented or detected within a timely period and that records are sufficient to produce reliable financial reports. The system of internal control is supported by written policies and procedures that are updated by management as necessary. The system is reviewed and evaluated regularly by the Company's internal auditors as well as by the independent auditors in connection with their annual audit of the financial statements. The independent auditors conduct their evaluation in accordance with auditing standards generally accepted in the United States of America and perform such tests of transactions and balances as they deem necessary. Management considers the recommendations of its internal auditors and independent auditors concerning the Company's system of internal control and takes the necessary actions that are cost-effective in the circumstances. Management believes that, as of December 31, 2002, the Company's system of internal control was adequate to accomplish the objectives set forth in the first sentence of this paragraph.

The Company's Finance and Audit Committee, composed entirely of directors of the Company who are not employees, meets periodically with the Company's management and independent auditors to review financial results and procedures, internal financial controls and internal and external audit plans and recommendations. In carrying out these responsibilities, the Finance and Audit Committee and the independent auditors have unrestricted access to each other with or without the presence of management representatives.



Timothy M. Manganello  
President and Chief Executive Officer

February 6, 2003



George E. Strickler  
Executive Vice President and Chief Financial Officer

## Independent Auditors' Report

BorgWarner Inc. and Consolidated Subsidiaries

To The Board of Directors and Stockholders of BorgWarner Inc.:

We have audited the consolidated balance sheets of BorgWarner Inc. and Consolidated Subsidiaries (the "Company") as of December 31, 2002 and 2001, and the related consolidated statements of operations, cash flows, and stockholders' equity for each of the three years in the period ended December 31, 2002. These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes 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 BorgWarner Inc. and Consolidated Subsidiaries at December 31, 2002 and 2001, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2002 in conformity with accounting principles generally accepted in the United States of America.

As discussed in Note Thirteen to the Consolidated Financial Statements, effective January 1, 2002, the Company adopted Statement of Financial Accounting Standards (SFAS) No. 142, "Goodwill and Other Intangibles," and accordingly, discontinued the amortization of goodwill to conform to the provisions of this standard. Note Thirteen provides transitional disclosures regarding the impact of the adoption of SFAS No. 142.



DELOITTE & TOUCHE LLP

Chicago, Illinois  
February 6, 2003

## Consolidated Statements of Operations

For the Year Ended December 31,	millions of dollars, except per share amounts		
	2002	2001	2000
Net sales	\$2,731.1	\$2,351.6	\$2,645.9
Cost of sales	2,176.5	1,890.8	2,090.7
Gross profit	554.6	460.8	555.2
Selling, general and administrative expenses	303.5	249.7	258.7
Goodwill amortization	—	42.0	43.3
Other, net	(0.9)	(2.1)	(8.1)
Restructuring and other non-recurring charges	—	28.4	62.9
Operating income	252.0	142.8	198.4
Equity in affiliate earnings, net of tax	(19.5)	(14.9)	(15.7)
Interest expense and finance charges	37.7	47.8	62.6
Earnings before income taxes	233.8	109.9	151.5
Provision for income taxes	77.2	39.7	54.8
Minority interest, net of tax	6.7	3.8	2.7
Net earnings before cumulative effect of accounting change	149.9	66.4	94.0
Cumulative effect of change in accounting principle, net of tax	(269.0)	—	—
Net earnings/(loss)	\$ (119.1)	\$ 66.4	\$ 94.0
Net earnings/(loss) per share – Basic			
Net earnings per share before cumulative effect of accounting change	\$ 5.63	\$ 2.52	\$ 3.56
Cumulative effect of accounting change	(10.10)	—	—
Net earnings/(loss) per share	\$ (4.47)	\$ 2.52	\$ 3.56
Net earnings/(loss) per share – Diluted			
Net earnings per share before cumulative effect of accounting change	\$ 5.58	\$ 2.51	\$ 3.54
Cumulative effect of accounting change	(10.02)	—	—
Net earnings/(loss) per share	\$ (4.44)	\$ 2.51	\$ 3.54
Average shares outstanding (thousands)			
Basic	26,625	26,315	26,391
Diluted	26,854	26,463	26,487

See accompanying Notes to Consolidated Financial Statements.

## Consolidated Balance Sheets

December 31,	millions of dollars	
	2002	2001
<b>Assets</b>		
Cash and cash equivalents	\$ 36.6	\$ 32.9
Receivables	292.1	203.7
Inventories	180.3	143.8
Deferred income taxes	11.4	23.6
Investments in businesses held for sale	14.2	12.2
Prepayments and other current assets	31.9	25.1
Total current assets	566.5	441.3
Land	40.6	29.6
Buildings	288.0	246.1
Machinery and equipment	1,060.0	940.9
Capital leases	2.7	2.7
Construction in progress	76.5	128.4
	1,467.8	1,347.7
Less accumulated depreciation	572.9	509.5
Net property, plant and equipment	894.9	838.2
Tooling, net of amortization	82.0	84.1
Investments and advances	153.1	137.4
Goodwill	827.0	1,160.6
Deferred income taxes	51.2	5.7
Other noncurrent assets	108.2	103.6
Total other assets	1,221.5	1,491.4
Total assets	\$2,682.9	\$2,770.9
<b>Liabilities and Stockholders' Equity</b>		
Notes payable and current portion of long-term debt	\$ 14.4	\$ 35.6
Accounts payable and accrued expenses	435.6	410.6
Income taxes payable	1.2	8.8
Total current liabilities	451.2	455.0
Long-term debt	632.3	701.4
Long-term liabilities:		
Retirement-related liabilities	478.3	393.0
Other	125.2	105.9
Total long-term liabilities	603.5	498.9
Minority interest in consolidated subsidiaries	14.5	11.4
Commitments and contingencies	—	—
Capital stock:		
Preferred stock, \$.01 par value; authorized shares: 5,000,000; none issued	—	—
Common stock, \$.01 par value; authorized shares: 50,000,000; issued shares: 2002, 27,398,891 and 2001, 27,039,968; outstanding shares: 2002, 26,580,004; 2001, 26,365,169	0.3	0.3
Non-voting common stock, \$.01 par value; authorized shares: 25,000,000; none issued and outstanding	—	—
Capital in excess of par value	737.7	715.7
Retained earnings	335.8	470.9
Management shareholder note	(2.0)	(2.0)
Accumulated other comprehensive income/(loss)	(54.5)	(53.1)
Common stock held in treasury, at cost: 2002, 818,887 shares; 2001, 674,799 shares	(35.9)	(27.6)
Total stockholders' equity	981.4	1,104.2
Total liabilities and stockholders' equity	\$2,682.9	\$2,770.9

See accompanying Notes to Consolidated Financial Statements.

# 2002

## Consolidated Statements of Cash Flows

For the Year Ended December 31,	millions of dollars		
	2002	2001	2000
<b>Operating</b>			
Net earnings/(loss).....	<b>\$(119.1)</b>	\$ 66.4	\$ 94.0
Adjustments to reconcile net earnings/(loss) to net cash flows from operations:			
Non-cash charges (credits) to operations:			
Depreciation.....	<b>108.1</b>	104.2	102.2
Goodwill amortization.....	<b>—</b>	42.0	43.3
Amortization of tooling.....	<b>29.3</b>	23.7	24.9
Non-cash restructuring and other non-recurring charges.....	<b>—</b>	5.0	47.3
Cumulative effect of change in accounting principle, net of tax.....	<b>269.0</b>	—	—
Employee retirement benefits.....	<b>20.8</b>	19.8	—
Deferred income tax provision.....	<b>30.4</b>	3.1	(8.5)
Other, principally equity in affiliate earnings.....	<b>(4.1)</b>	(25.9)	6.9
Net earnings adjusted for non-cash charges.....	<b>334.4</b>	238.3	310.1
Changes in assets and liabilities, net of effects of acquisitions and divestitures:			
(Increase) decrease in receivables.....	<b>(67.4)</b>	(48.6)	18.6
(Increase) decrease in inventories.....	<b>(29.3)</b>	10.1	(14.7)
(Increase) decrease in prepayments and deferred income taxes.....	<b>(3.4)</b>	0.1	11.6
Increase (decrease) in accounts payable and accrued expenses.....	<b>(14.7)</b>	23.0	7.0
Increase (decrease) in income taxes payable.....	<b>14.1</b>	(12.7)	(25.9)
Net change in other long-term assets and liabilities.....	<b>27.7</b>	27.6	14.5
Net cash provided by operating activities.....	<b>261.4</b>	237.8	321.2
<b>Investing</b>			
Capital expenditures.....	<b>(138.4)</b>	(140.9)	(167.1)
Tooling outlays, net of customer reimbursements.....	<b>(27.7)</b>	(42.0)	(29.7)
Net proceeds from asset disposals.....	<b>12.3</b>	6.5	16.2
Proceeds from sale of businesses.....	<b>3.3</b>	14.4	131.9
Tax refunds/(payments) related to businesses sold.....	<b>20.5</b>	—	(43.0)
Payments for businesses acquired, net of cash acquired.....	<b>—</b>	(3.3)	—
Net cash used in investing activities.....	<b>(130.0)</b>	(165.3)	(91.7)
<b>Financing</b>			
Net decrease in notes payable.....	<b>(22.8)</b>	(16.5)	(74.5)
Additions to long-term debt.....	<b>2.3</b>	34.0	86.9
Reductions in long-term debt.....	<b>(85.3)</b>	(64.3)	(192.3)
Payments for purchase of treasury stock.....	<b>(18.1)</b>	(0.7)	(22.1)
Proceeds from stock options exercised.....	<b>9.8</b>	2.8	1.1
Dividends paid.....	<b>(16.0)</b>	(15.8)	(15.9)
Net cash used in financing activities.....	<b>(130.1)</b>	(60.5)	(216.8)
Effect of exchange rate changes on cash and cash equivalents.....	<b>2.4</b>	(0.5)	(13.0)
Net increase (decrease) in cash and cash equivalents.....	<b>3.7</b>	11.5	(0.3)
Cash and cash equivalents at beginning of year.....	<b>32.9</b>	21.4	21.7
Cash and cash equivalents at end of year.....	<b>\$ 36.6</b>	\$ 32.9	\$ 21.4
<b>Supplemental Cash Flow Information</b>			
Net cash paid/(refunded) during the year for:			
Interest.....	<b>\$ 39.5</b>	\$ 50.2	\$ 65.4
Income taxes.....	<b>(11.0)</b>	28.1	107.7
Non-cash financing transactions:			
Issuance of common stock for management notes.....	<b>\$ —</b>	\$ —	\$ 0.5
Issuance of common stock for Executive Stock Performance Plan.....	<b>1.2</b>	1.0	0.8

See accompanying Notes to Consolidated Financial Statements.

# 2002

## Consolidated Statements of Stockholders' Equity

BorgWarner Inc. and Consolidated Subsidiaries

	millions of dollars								Comprehensive income/(loss)
	Number of Shares		Stockholders' Equity					Accumulated other comprehensive income/(loss)	
	Issued common stock	Common stock in treasury	Issued common stock	Capital in excess of par value	Treasury stock	Management shareholder notes	Retained earnings		
Balance, January 1, 2000	27,040,492	(316,300)	\$ 0.3	\$715.7	\$(15.2)	\$(2.0)	\$346.4	\$ 12.3	
Purchase of treasury stock	—	(589,700)	—	—	(22.1)	—	—	—	—
Dividends declared	—	—	—	—	—	—	(15.9)	—	—
Shares issued for management shareholder note	—	15,223	—	—	0.7	(0.5)	(0.2)	—	—
Shares issued under stock option plans	—	53,750	—	—	2.2	—	(1.1)	—	—
Shares issued under executive stock plan	—	21,818	—	—	1.1	—	(0.3)	—	—
Net income	—	—	—	—	—	—	94.0	—	\$ 94.0
Adjustment for minimum pension liability	—	—	—	—	—	—	—	(0.1)	(0.1)
Currency translation adjustment	—	—	—	—	—	—	—	(28.2)	(28.2)
Balance, December 31, 2000	27,040,492	(815,209)	\$ 0.3	\$715.7	\$(33.3)	\$(2.5)	\$422.9	\$(16.0)	\$ 65.7
Purchase of treasury stock	—	(15,000)	—	—	(0.7)	—	—	—	—
Dividends declared	—	—	—	—	—	—	(15.8)	—	—
Management shareholder notes	—	—	—	—	—	0.5	—	—	—
Shares issued under stock option plans	—	129,550	—	—	5.3	—	(2.5)	—	—
Shares issued under executive stock plan	—	25,860	—	—	1.1	—	(0.1)	—	—
Kuhlman shares retired	(524)	—	—	—	—	—	—	—	—
Net income	—	—	—	—	—	—	66.4	—	\$ 66.4
Adjustment for minimum pension liability	—	—	—	—	—	—	—	(18.7)	(18.7)
Currency translation adjustment	—	—	—	—	—	—	—	(18.4)	(18.4)
Balance, December 31, 2001	27,039,968	(674,799)	\$ 0.3	\$715.7	\$(27.6)	\$(2.0)	\$470.9	\$(53.1)	\$ 29.3
Purchase of treasury stock	—	(385,000)	—	—	(18.1)	—	—	—	—
Dividends declared	—	—	—	—	—	—	(16.0)	—	—
Shares issued under stock option plans	—	217,632	—	0.9	8.9	—	—	—	—
Shares issued under executive stock plan	—	23,280	—	0.3	0.9	—	—	—	—
Shares issued under retirement savings plans	358,923	—	—	20.8	—	—	—	—	—
Net loss	—	—	—	—	—	—	(119.1)	—	\$(119.1)
Adjustment for minimum pension liability	—	—	—	—	—	—	—	(42.3)	(42.3)
Currency translation adjustment	—	—	—	—	—	—	—	40.9	40.9
<b>Balance, December 31, 2002</b>	<b>27,398,891</b>	<b>(818,887)</b>	<b>\$ 0.3</b>	<b>\$737.7</b>	<b>\$(35.9)</b>	<b>\$(2.0)</b>	<b>\$335.8</b>	<b>\$(54.5)</b>	<b>\$(120.5)</b>

See accompanying Notes to Consolidated Financial Statements.

### INTRODUCTION

BorgWarner Inc. and Consolidated Subsidiaries (the “Company”) is a leading global supplier of highly engineered systems and components primarily for powertrain applications. These products are manufactured and sold worldwide, primarily to original equipment manufacturers of passenger cars, sport-utility vehicles, trucks, commercial transportation products and industrial equipment. For purposes of this annual report, its products fall into five operating segments: Morse TEC, Air/Fluid Systems, Cooling Systems, TorqTransfer Systems and Transmission Systems. Effective January 1, 2003, the Company will be reporting its results under its reorganized structure of two reportable operating segments: Driveline and Engine. The Driveline segment is primarily the combination of the TorqTransfer Systems and Transmission Systems segments. The Engine segment is primarily the combination of the Morse TEC, Air/Fluid Systems, and Cooling Systems segments.

### 1

#### SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

The following paragraphs briefly describe significant accounting policies.

**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. These estimates and assumptions affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

**Principles of consolidation** The consolidated financial statements include all significant majority-owned subsidiaries. All significant intercompany accounts and transactions have been eliminated in consolidation. Certain prior amounts have been reclassified to conform to the current year presentation.

**Cash and cash equivalents** Cash and cash equivalents are valued at cost, which approximates market. It is the Company’s policy to classify investments with original maturities of three months or less as cash and cash equivalents.

**Accounts receivable** The Company securitizes and sells certain receivables through third party financial institutions without recourse. The amount sold

can vary each month based on the amount of underlying receivables. In December 2002, the Company reduced the maximum size of the facility from \$120 million to \$90 million. During the year ended December 31, 2002, total cash proceeds from sales of accounts receivable were \$1,389.2 million, and the amount of receivables sold ranged from \$90 to \$120 million at any time during the year. In 2002, the Company paid a servicing fee of \$2.5 million related to these receivables, which is included in interest expense and finance charges. At December 31, 2002, the Company had sold \$90 million of receivables under a Receivables Transfer Agreement for face value without recourse. At December 31, 2001, the amount sold was \$120 million.

**Inventories** Inventories are valued at the lower of cost or market. Cost of U.S. inventories is determined by the last-in, first-out (LIFO) method, while the foreign operations use the first-in, first-out (FIFO) method. Inventories held by U.S. operations was \$96.0 million in 2002 and \$81.1 million in 2001. Such inventories, if valued at current cost instead of LIFO, would have been greater by \$3.6 million and \$3.9 million, respectively.

**Property, plant and equipment and depreciation** Property, plant and equipment are valued at cost less accumulated depreciation. Expenditures for maintenance, repairs and renewals of relatively minor items are generally charged to expense as incurred. Renewals of significant items are capitalized. Depreciation is computed generally on a straight-line basis over the estimated useful lives of the assets. Useful lives for buildings range from 15 to 40 years and useful lives for machinery and equipment range from 3 to 12 years. For income tax purposes, accelerated methods of depreciation are generally used.

**Goodwill and other intangible assets** The Company adopted SFAS No. 142, “Goodwill and Other Intangible Assets,” effective January 1, 2002. Under SFAS No. 142, goodwill is no longer amortized; however, it must be tested for impairment at least annually. Amortization continues to be recorded for other intangible assets with definite lives. See Note Thirteen for further details on the adoption of SFAS No. 142.

The Company had intangible assets with a cost of \$14.7 million, less accumulated amortization of \$7.6 million and \$6.5 million at December 31, 2002 and 2001, respectively. The intangible assets are being amortized on a straight-line basis over their legal lives, which range from 10 to 15 years. Annual amortization expense recognized was \$1.1 million in each of the years 2002, 2001 and 2000. The estimated future annual amortization expense for each of the successive years 2003 through 2007 is \$1.1 million.

**Revenue recognition** The Company recognizes revenue upon shipment of product when title and risk of loss pass to the customer. Although the Company may enter into long-term supply agreements with its major customers, each shipment of goods is treated as a separate sale and the price is not fixed over the life of the agreements.

**Financial instruments** Financial instruments consist primarily of investments in cash, short-term securities, receivables and debt securities, and obligations under accounts payable, accrued expenses and debt instruments. The Company believes that the fair value of the financial instruments approximates the carrying value, except as noted in Note Six.

The Company received corporate bonds with a face value of \$30.3 million as partial consideration for the sales of Kuhlman Electric and Coleman Cable in 1999. These bonds were recorded at their fair market value of \$12.9 million using valuation techniques that considered cash flows discounted at current market rates and management’s best estimates of credit quality. In 2001, the sale agreement with Coleman Cable was finalized, resulting in the exchange of the corporate bonds along with a purchase price receivable, for \$3 million in cash and a \$2 million note, which was collected in 2002. The fair value of these instruments was estimated to be \$8.8 million at December 31, 2002 and \$10.9 million at December 31, 2001. They have been classified as investments available-for-sale in the other current assets section of the Consolidated Balance Sheets. The contractual maturities of these bonds are beyond five years.

**Foreign currency** The financial statements of foreign subsidiaries are translated to U.S. dollars using the period-end exchange rate for assets and liabilities and an average exchange rate for each period for revenues and expenses. The local currency is the functional currency for substantially all the Company’s foreign subsidiaries. Translation adjustments for foreign subsidiaries are recorded as a component of accumulated other comprehensive income in stockholders’ equity.

**Product warranties** The Company provides warranties on some of its products. The warranty terms are typically from one to three years. Provisions for estimated expenses related to product warranty are made at the time products are sold. These estimates are established using historical information about the nature, frequency, and average cost of warranty claims. Management actively studies trends of warranty claims and takes action to improve vehicle quality and minimize warranty claims. Management believes that the warranty reserve is appropriate; however, actual claims incurred could differ from the original estimates, requiring adjustments to the reserve. The reserve is represented in both long-term and short-term liabilities on the balance sheet.

Below is a table that shows the activity in the warranty accrual accounts:

	millions of dollars		
	2002	2001	2000
Beginning balance	\$ 19.5	\$ 16.5	\$ 22.8
Provisions	14.2	18.3	7.4
Incurred	(10.0)	(15.3)	(13.7)
Ending balance	\$ 23.7	\$ 19.5	\$ 16.5

**Derivative financial instruments** The Company recognizes that certain normal business transactions generate risk. Examples of risks include exposure to exchange rate risk related to transactions denominated in currencies other than the functional currency, changes in cost of major raw materials and supplies, and changes in interest rates. It is the objective and responsibility of the Company to assess the impact of these transaction risks, and offer protection from selected risks through various methods including financial derivatives. All derivative instruments held by the Company are designated as hedges, have high correlation with the underlying exposure and are highly effective in offsetting underlying price movements. Accordingly, gains and losses from changes in derivative fair values are deferred until the underlying transaction occurs. The Company does not engage in any derivative instruments for purposes other than hedging specific risk.

**New accounting pronouncements** In August 2001, the Financial Accounting Standards Board (FASB) issued SFAS No. 144, “Accounting for the Impairment or Disposal of Long-Lived Assets,” which addresses financial accounting and reporting for the impairment or disposal of long-lived assets. The Company adopted SFAS No. 144 effective January 1, 2002. The adoption of SFAS No. 144 had no impact on the Company’s results of operations, financial position or cash flows.



In April 2002, the FASB issued SFAS No. 145, "Rescission of FASB Statements No. 4, 44, and 64, Amendment of FASB Statement No. 13, and Technical Corrections." This statement eliminates the automatic classification of gain or loss on extinguishment of debt as an extraordinary component of income and requires that such gain or loss be evaluated for extraordinary classification under the guidelines of Accounting Principles Board Opinion No. 30 "Reporting the Results of Operations." This statement also requires sales-leaseback accounting for certain lease modifications that have economic effects that are similar to sales-leaseback transactions and makes various other technical corrections to the existing pronouncements mentioned above. The adoption of SFAS No. 145 had no impact on the Company's results of operations, financial position or cash flows.

In June 2002, the FASB issued Statement No. 146, "Accounting for Costs Associated with Exit or Disposal Activities." The standard requires companies to recognize costs associated with exit or disposal activities when they are incurred rather than at the date of a commitment to an exit or disposal plan. Examples of costs covered by the standard include lease termination costs and certain employee severance costs that are associated with a restructuring, discontinued operation, plant closing, or other exit or disposal activity. SFAS No. 146 is to be applied prospectively to exit or disposal activities initiated after December 31, 2002. The Company does not expect that the adoption of SFAS No. 146 will have a material impact on the Company's results of operations, financial position or cash flows.

In November 2002, the FASB issued Interpretation No. 45 "Guarantor's Accounting and Disclosure Requirements for Guarantees, Including Indirect Guarantees of Indebtedness to Others" (FIN 45), which expands previously issued accounting guidance and disclosure requirements for certain guarantees. FIN 45 requires the Company to recognize an initial liability for the fair value of an obligation assumed by issuing a guarantee. The provision for initial recognition and measurement of the liability will be applied on a prospective basis to guarantees issued or modified after December 31, 2002. The adoption of FIN 45 will not have a material impact on the Company's financial position, operating results or liquidity and resulted in additional disclosures in the Company's Consolidated Financial Statements.

In December 2002, the FASB issued SFAS No. 148, "Accounting for Stock-Based Compensation – Transition and Disclosure – an amendment of FASB Statement No. 123." This Statement amends FASB Statement No. 123 to provide alternative methods of transition for a voluntary change to the fair value based method of accounting for stock-based employee compensation and amends the disclosure requirements to require prominent disclosures in

both annual and interim financial statements about the method of accounting for stock-based employee compensation and the effect of the method used on reported results. The Company is required to adopt SFAS No. 148 on January 1, 2004. The Company is currently assessing the impact of the adoption of SFAS No. 148.

In January 2003, the FASB issued Interpretation No. 46, "Consolidation of Variable Interest Entities," (FIN 46). FIN 46 requires that the assets, liabilities and results of the activity of variable interest entities be consolidated into the financial statements of the entity that has the controlling financial interest. FIN 46 also provides the framework for determining whether a variable interest entity should be consolidated based on voting interest or significant financial support provided to it. For the Company, this Interpretation is effective immediately for variable interest entities created after January 31, 2003 and effective July 1, 2003, for variable interest entities acquired before February 1, 2003. The Company does not expect the adoption of FIN 46 to have any impact on its fiscal 2003 Consolidated Financial Statements.

## 2

## RESEARCH AND DEVELOPMENT COSTS

The Company spent approximately \$109.1 million, \$104.5 million and \$112.0 million in 2002, 2001 and 2000, respectively, on research and development (R&D) activities. Not included in these amounts were customer-sponsored R&D activities of approximately \$14.2 million, \$20.0 million and \$12.5 million in 2002, 2001 and 2000, respectively.

## 3

## OTHER INCOME

Items included in other income consist of:

Year Ended December 31,	millions of dollars		
	2002	2001	2000
Gains on sales of business	\$ —	\$ —	\$ 5.4
Interest income	1.7	1.4	0.8
Loss on asset disposals, net	(1.5)	(0.2)	(0.4)
Other	0.7	0.9	2.3
Total other income	\$ 0.9	\$ 2.1	\$ 8.1

## 4

## INCOME TAXES

Earnings before taxes and provision for taxes consist of:

	2002			2001			2000		
	U.S.	Non-U.S.	Total	U.S.	Non-U.S.	Total	U.S.	Non-U.S.	Total
Earnings before taxes	\$150.7	\$83.1	\$233.8	\$23.3	\$86.6	\$109.9	\$74.8	\$76.7	\$151.5
Income taxes:									
Current :									
Federal/foreign	\$ 11.1	\$10.6	\$ 21.7	\$ 9.8	\$24.7	\$ 34.5	\$26.8	\$24.9	\$ 51.7
State	3.1	—	3.1	2.1	—	2.1	11.6	—	11.6
	14.2	10.6	24.8	11.9	24.7	36.6	38.4	24.9	63.3
Deferred	44.8	7.6	52.4	2.0	1.1	3.1	(13.7)	5.2	(8.5)
Total income taxes	\$ 59.0	\$18.2	\$ 77.2	\$13.9	\$25.8	\$ 39.7	\$24.7	\$30.1	\$ 54.8

The analysis of the variance of income taxes as reported from income taxes computed at the U.S. statutory rate for consolidated operations is as follows:

	millions of dollars		
	2002	2001	2000
Income taxes at U.S. statutory rate of 35%	\$81.8	\$38.5	\$53.0
Increases (decreases) resulting from:			
Income from non-U.S. sources	(6.8)	(0.1)	(0.3)
State taxes, net of federal benefit	2.0	1.4	7.5
Business tax credits, net	(4.7)	(7.2)	(10.3)
Affiliate earnings	(6.8)	(5.2)	(5.5)
Nontemporary differences and other	11.7	12.3	10.4
Income taxes as reported	\$77.2	\$39.7	\$54.8

At December 31, 2002, the Company had \$8.4 million of foreign tax credit carryforwards, \$3.0 million of R&D tax credit carryforwards, and \$1.9 million of net foreign operating loss carryforwards available to offset future taxable income. The foreign tax credits and net operating loss carryforwards will expire in 2007. The R&D tax credit carryforward will expire in 2022.

Following are the gross components of deferred tax assets and liabilities as of December 31, 2002 and 2001:

	millions of dollars	
	2002	2001
Deferred tax assets – current:		
Capital loss carryover	\$ —	\$ 22.2
Accrued costs related to divested operations	—	1.4
Foreign tax credits	8.4	—
Research and development credits	3.0	—
Net deferred tax asset – current	\$ 11.4	\$ 23.6
Deferred tax assets – noncurrent:		
Postretirement benefits	\$121.2	\$116.2
Pension	52.5	18.6
Other long-term liabilities and reserves	32.3	29.6
Goodwill	26.0	—
Other	14.7	20.6
	246.7	185.0
Deferred tax liabilities – noncurrent:		
Fixed assets	135.9	98.0
Pension	35.0	32.3
Goodwill	—	28.9
Other	24.6	20.1
	195.5	179.3
Net deferred tax asset – noncurrent	\$ 51.2	\$ 5.7

No deferred income taxes have been provided on undistributed earnings of foreign subsidiaries totaling \$59.2 million and \$47.8 million in 2002 and 2001, respectively, as the amounts are essentially permanent in nature. Any such potential liability would be substantially offset by foreign tax credits with respect to such undistributed foreign earnings.

## Notes to Consolidated Financial Statements

5

## BALANCE SHEET INFORMATION

Detailed balance sheet data are as follows:

December 31,	millions of dollars	
	2002	2001
Receivables:		
Customers	\$247.9	\$170.5
Other	49.3	37.1
Gross receivables	297.2	207.6
Less allowance for losses	5.1	3.9
Net receivables	\$292.1	\$203.7
Inventories:		
Raw material	\$ 85.3	\$ 69.7
Work in progress	57.6	41.5
Finished goods	37.4	32.6
Total inventories	\$180.3	\$143.8
Investments and advances:		
NSK-Warner	\$148.3	\$128.8
Other	4.8	8.6
Total investments and advances	\$153.1	\$137.4
Other noncurrent assets:		
Deferred pension assets	\$ 91.0	\$ 83.4
Other	17.2	20.2
Total other noncurrent assets	\$108.2	\$103.6
Accounts payable and accrued expenses:		
Trade payables	\$257.0	\$236.7
Payroll and related	70.9	42.1
Insurance	26.1	20.7
Warranties and claims	16.3	17.1
Restructuring and other non-recurring charges	3.3	11.7
Other	62.0	82.3
Total accounts payable and accrued expenses	\$435.6	\$410.6
Other long-term liabilities:		
Environmental reserves	\$ 20.3	\$ 25.5
Other	104.9	80.4
Total other long-term liabilities	\$125.2	\$105.9

Dividends and other payments received from affiliates accounted for under the equity method totaled \$8.4 million in 2002, \$8.9 million in 2001 and \$25.5 million in 2000.

The Company has a 50% interest in NSK-Warner, a joint venture based in Japan that manufactures automatic transmission components. The Company's share of the earnings or losses reported by NSK-Warner is accounted for using the equity method of accounting. NSK-Warner has a fiscal year-end of March 31. The Company's equity in the earnings of NSK-Warner consists of the 12 months ended November 30 so as to reflect earnings on as current a basis as is reasonably feasible.

Following are summarized financial data for NSK-Warner, translated using the ending or periodic rates as of and for the fiscal years ended March 31, 2002, 2001 and 2000:

	millions of dollars		
	2002	2001	2000
Balance sheets:			
Current assets	\$147.2	\$147.6	\$196.0
Noncurrent assets	133.8	151.7	157.8
Current liabilities	83.1	94.3	96.2
Noncurrent liabilities	4.4	5.5	8.5
Statements of operations:			
Net sales	\$285.2	\$333.6	\$303.8
Gross profit	59.6	72.8	64.7
Net income	27.9	29.6	27.7

The equity of NSK-Warner as of March 31, 2002, was \$193.5 million.

6

## NOTES PAYABLE AND LONG-TERM DEBT

Following is a summary of notes payable and long-term debt. The weighted average interest rate on all borrowings for 2002 and 2001 was 5.2% and 5.8%, respectively.

December 31,	millions of dollars			
	2002		2001	
	Current	Long-Term	Current	Long-Term
Bank borrowings and other	\$ 8.0	\$ 40.4	\$30.6	\$ 69.6
Term loans due through 2011 (at an average rate of 3.1% in 2002 and 3.3% in 2001; and 3.2% at December 31, 2002)	6.4	31.5	5.0	31.2
7% Senior Notes due 2006, net of unamortized discount	—	139.3	—	141.8
6.5% Senior Notes due 2009, net of unamortized discount	—	164.9	—	164.7
8% Senior Notes due 2019, net of unamortized discount	—	134.2	—	134.2
7.125% Senior Notes due 2029, net of unamortized discount	—	122.0	—	159.9
Total notes payable and long-term debt	\$14.4	\$632.3	\$35.6	\$701.4

Annual principal payments required as of December 31, 2002 are as follows (in millions of dollars):

2003	\$ 14.4
2004	7.5
2005	39.0
2006	149.5
2007	5.2
After 2007	434.1
Less: Unamortized discounts	(3.0)
Total	\$646.7

The Company has a revolving credit facility which provides for borrowings up to \$350 million through July, 2005. At December 31, 2002, there were no borrowings outstanding under the facility and the Company had \$7.1 million of obligations under standby letters of credit. At December 31, 2001, \$20.0 million of borrowings under the facility were outstanding in addition to \$6.5 million of obligations under standby letters of credit. The credit agreement contains numerous financial and operating covenants including, among others, covenants requiring the Company to maintain certain financial ratios and restricting its ability to incur additional indebtedness.

The Company has entered into interest rate and currency swaps to manage interest rate and foreign currency risk. A summary of these instruments outstanding at December 31, 2002 follows (currency in millions):

	Hedge Type	Notional Amount	Interest Rates (b)		Floating Interest Rate Basis
			Receive	Pay	
<b>Interest rate swaps (a)</b>					
Fixed to floating	Fair value	\$125	7.0%	2.8%	6 month LIBOR+1.43%
Fixed to floating	Fair value	\$ 25	6.5%	1.8%	6 month LIBOR+.45%
<b>Cross currency swaps (mature in 2006)</b>					
Floating \$	Cash Flow	\$ 70	2.8%	—	6 mo. USD LIBOR+1.43%
to floating ¥	Investment	¥8,871	—	1.3%	6 mo. JPY LIBOR+1.21%

(a) The maturity of the swaps corresponds with the maturity of the hedged item as noted in the debt summary, unless otherwise indicated.

(b) Interest rates are as of December 31, 2002.

The ineffective portion of the swaps was not material. As of December 31, 2002, the fair value of the fixed to floating interest rate swaps was \$14.9 million. Cross currency swaps were recorded at their fair value of \$(4.8) million. Fair value is based on quoted market prices for contracts with similar maturities.

As of December 31, 2002 and 2001, the estimated fair values of the Company's senior unsecured notes totaled \$610.7 million and \$579.6 million, respectively. The estimated fair values were \$50.3 million higher in 2002, and \$21.0 million lower in 2001, than their respective carrying values. Fair market values are developed by the use of estimates obtained from brokers and other appropriate valuation techniques based on information available as of year-end. The fair value estimates do not necessarily reflect the values the Company could realize in the current markets.

7

RESTRUCTURING AND OTHER NON-RECURRING CHARGES

Other non-recurring charges of \$28.4 million were incurred in the fourth quarter of 2001. The charges primarily include adjustments to the carrying value of certain assets and liabilities related to businesses acquired and disposed of over the past three years. Of the \$28.4 million of pretax charges, \$5.0 million represents non-cash charges. Approximately \$3.3 million was spent in 2001, \$8.4 million in 2002, and \$8.4 million was transferred to environmental reserves in 2001. The remaining \$3.3 million is expected to be spent in 2003. The Company expects to fund the total cash outlay of these actions with cash flow from operations.

Restructuring and other non-recurring charges totaling \$62.9 million were incurred in 2000 in response to deteriorating market conditions. The charges included the rationalization and integration of certain businesses and actions taken to bring costs in line with vehicle production slowdowns in major customer product lines. Of the \$62.9 million pretax charges in 2000, \$47.3 million represented non-cash charges. Approximately \$4.4 million was spent in 2000 and \$11.2 million was spent in 2001.

Components of the restructuring and other non-recurring charges are detailed in the following table and discussed further below.

	millions of dollars				Total
	Severance and Other Benefits	Asset Write-downs	Loss on Sale of Business	Other Exit Costs and Non-Recurring Charges	
Provisions	\$ 8.9	\$ 11.6	\$ 35.2	\$ 7.2	\$ 62.9
Incurred	(4.3)	—	—	(0.1)	(4.4)
Non-cash write-offs	—	(11.6)	(35.2)	(0.5)	(47.3)
Balance, December 31, 2000	\$ 4.6	\$ —	\$ —	\$ 6.6	\$ 11.2
Provisions	—	5.0	—	23.4	28.4
Incurred	(4.6)	—	—	(18.3)	(22.9)
Non-cash write-offs	—	(5.0)	—	—	(5.0)
Balance, December 31, 2001	\$ —	\$ —	\$ —	\$ 11.7	\$ 11.7
Provisions	—	—	—	—	—
Incurred	—	—	—	(8.4)	(8.4)
Non-cash write-offs	—	—	—	—	—
Balance, December 31, 2002	\$ —	\$ —	\$ —	\$ 3.3	\$ 3.3

Severance and other benefit costs relate to the reduction of approximately 220 employees from the workforce. The reductions affected each of the Company's operating segments, apart from TorqTransfer Systems, across each of the Company's geographical areas, and across each major functional area, including production and selling and administrative positions. Approximately \$8.9 million had been paid for severance and other benefits for the terminated employees.

Asset write-downs primarily consist of the write-off of impaired assets no longer used in production as a result of the industry downturn and the consolidation of certain operations. Such assets have been taken out of productive use and have been disposed.

Loss on anticipated sale of business represents the Fuel Systems business, which was sold in April 2001 to an investor group led by TMB Industries, a private equity group, for a pretax loss of \$35.2 million. Fuel Systems produced metal tanks for the heavy-duty truck market in North America and did not fit the Company's strategic focus on powertrain technology. Terms of the transaction did not have a significant impact on the Company's results of operations, financial condition or cash flows.

Other exit costs and non-recurring charges are primarily non-employee related exit costs for certain non-production facilities the Company has previously sold or no longer needs and non-recurring product quality related charges. The 2001 non-recurring charges include \$8.4 million of environmental remediation costs related to sold businesses and \$12.0 million of product quality costs for issues with products that were sold by acquired businesses prior to acquisition, all of which have been fixed in the currently produced products.

8

RETIREMENT BENEFIT PLANS

The Company has a number of defined benefit pension plans and other postretirement benefit plans covering eligible salaried and hourly employees. The other postretirement benefit plans, which provide medical and life insurance benefits, are unfunded plans. The following provides a reconciliation of the plans' benefit obligations, plan assets, funded status and recognition in the Consolidated Balance Sheets.

December 31,	millions of dollars			
	Pension Benefits	2001	Postretirement Benefits	2001
<b>Change in benefit obligation:</b>				
Benefit obligation at beginning of year	\$ 385.7	\$350.3	\$ 407.1	\$341.6
Service cost	7.6	7.1	5.0	4.4
Interest cost	26.3	25.0	28.8	25.0
Plan participants' contributions	0.2	0.2	—	—
Amendments	—	7.5	(2.3)	—
Net actuarial loss	32.7	23.6	37.9	64.2
Currency translation adjustment	17.3	(1.4)	—	—
Settlements	—	(0.2)	—	(1.4)
Curtailments	—	—	(0.5)	—
Benefits paid	(26.7)	(26.4)	(29.5)	(26.7)
Benefit obligation at end of year	\$ 443.1	\$385.7	\$ 446.5	\$407.1
<b>Change in plan assets:</b>				
Fair value of plan assets at beginning of year	\$ 358.2	\$385.1		
Actual return on plan assets	(27.7)	(2.3)		
Employer and other contributions	11.7	3.1		
Plan participants' contributions	0.2	0.2		
Currency translation adjustment	7.8	(1.2)		
Settlements	—	(0.3)		
Benefits paid	(26.7)	(26.4)		
Fair value of plan assets at end of year	\$ 323.5	\$358.2		
<b>Reconciliation of funded status:</b>				
Funded status	\$ (119.6)	\$(27.5)	\$ (446.5)	\$(407.1)
Unrecognized net actuarial loss	142.9	50.8	131.4	98.2
Unrecognized transition asset	(0.1)	(0.3)	—	—
Unrecognized prior service cost	11.1	12.7	(2.6)	(0.6)
Net amount recognized	\$ 34.3	\$ 35.7	\$ (317.7)	\$(309.5)
<b>Amounts recognized in the consolidated balance sheets:</b>				
Prepaid benefit cost	\$ 80.3	\$ 71.1	\$ —	\$ —
Accrued benefit liability	(46.0)	(35.4)	(317.7)	(309.5)
Additional minimum liability	(106.0)	(42.2)	—	—
Intangible asset	10.7	12.3	—	—
Accumulated other comprehensive income	95.3	29.9	—	—
Net amount recognized	\$ 34.3	\$ 35.7	\$ (317.7)	\$(309.5)

The funded status of pension plans included above with accumulated benefit obligations in excess of plan assets at December 31 is as follows:

	millions of dollars	
	2002	2001
Accumulated benefit obligation	\$343.8	\$295.2
Plan assets	216.7	238.1
Deficiency	\$127.1	\$ 57.1

The \$127.1 million deficiency in 2002 consists of \$60.7 million related to U.S. plans, \$25.0 million related to UK plans, and \$41.4 million related to German plans. The 2001 deficiency of \$57.1 million consists of \$19.2 million related to U.S. plans, \$5.1 million related to UK plans, and \$32.8 million related to German plans.

	millions of dollars					
	Pension Benefits			Other Postretirement Benefits		
For the Year Ended December 31,	2002	2001	2000	2002	2001	2000
<b>Components of net periodic benefit cost:</b>						
Service cost	\$ 7.6	\$ 7.1	\$ 6.8	\$ 5.0	\$ 4.4	\$ 3.8
Interest cost	26.3	25.0	23.4	28.8	25.0	23.4
Expected return on plan assets	(30.7)	(32.1)	(36.8)	—	—	—
Amortization of unrecognized transition asset	(0.2)	(0.1)	(0.1)	—	—	—
Amortization of unrecognized prior service cost	1.6	2.2	1.5	(0.1)	(0.1)	(0.1)
Amortization of unrecognized (gain)/loss	2.2	—	(2.7)	4.0	—	—
Settlement loss	—	0.1	1.8	—	—	—
Net periodic benefit cost (income)	\$ 6.8	\$ 2.2	\$ (6.1)	\$37.7	\$29.3	\$27.1

## Notes to Consolidated Financial Statements

The Company's weighted-average assumptions used as of December 31, in determining the net periodic benefit cost and the benefit obligation liabilities shown above were as follows:

	percent					
	Pension Benefits			Other Postretirement Benefits		
	2002	2001	2000	2002	2001	2000
U.S. plans:						
Discount rate	<b>6.75</b>	7.25	7.5	<b>6.75</b>	7.25	7.5
Rate of compensation increase	<b>4.5</b>	4.5	4.5			
Expected return on plan assets	<b>8.75</b>	9.5	9.5			
Foreign plans:						
Discount rate	<b>5.5-6.0</b>	5.5-6.0	5.5-6.0			
Rate of compensation increase	<b>2.5-4.0</b>	2.5-4.0	2.5-4.0			
Expected return on plan assets	<b>7.0</b>	6.5	6.0			

The weighted-average rate of increase in the per capita cost of covered health care benefits is projected to be 8% in 2003 grading down 1% per year until the ultimate rate of 4.5% is reached in 2007. A one-percentage point change in the assumed health care cost trend would have the following effects:

	millions of dollars	
	One Percentage Point Increase	Decrease
Effect on postretirement benefit obligation	\$53.3	\$(44.7)
Effect on total service and interest cost components	\$ 5.0	\$ (4.1)

### 9

#### STOCK INCENTIVE PLANS

**Stock option plans** Under the Company's 1993 Stock Incentive Plan, the Company may grant options to purchase shares of the Company's common stock at the fair market value on the date of grant. In 2000, the Company increased the number of shares available for grant by 1,200,000 to 2,700,000 shares. The options vest over periods up to three years and have a term of ten years from date of grant. As of December 31, 2002, there are 1,825,105 outstanding options under the 1993 Stock Incentive Plan.

The Company accounts for stock options in accordance with Accounting Principles Board Opinion No. 25, "Accounting for Stock Issued to Employees." Accordingly, no compensation cost has been recognized for fixed stock options because the exercise price of the stock options exceeded or equaled the market value of the Company's common stock at the date of grant.

A summary of the plan's shares under option at December 31, 2002, 2001 and 2000 follows:

	2002		2001		2000	
	Shares (thousands)	Weighted-Average Exercise Price	Shares (thousands)	Weighted-Average Exercise Price	Shares (thousands)	Weighted-Average Exercise Price
Outstanding at beginning of year	<b>1,493</b>	<b>\$44.67</b>	1,248	\$41.22	861	\$43.37
Granted	<b>616</b>	<b>50.67</b>	442	47.99	506	36.11
Exercised	<b>(217)</b>	<b>45.22</b>	(129)	22.51	(54)	19.59
Forfeited	<b>(67)</b>	<b>46.26</b>	(68)	45.18	(65)	47.77
Outstanding at end of year	<b>1,825</b>	<b>\$46.57</b>	1,493	\$44.67	1,248	\$41.22
Options exercisable at year-end	<b>594</b>	<b>\$45.21</b>	423	\$46.81	431	\$38.12
Options available for future grants	<b>345</b>					

The following table summarizes information about stock options outstanding at December 31, 2002:

Range of Exercise Prices	Options Outstanding			Options Exercisable	
	Number Outstanding (thousands)	Weighted-Average Remaining Contractual Life	Weighted-Average Exercise Price	Number Exercisable (thousands)	Weighted-Average Exercise Price
\$22.50 - 44.19	491	6.7	\$35.54	258	\$34.66
\$48.28 - 53.44	1,149	8.4	50.05	151	52.32
\$53.88 - 57.31	185	5.9	54.17	185	54.17
\$22.50 - 57.31	<b>1,825</b>	<b>7.7</b>	<b>\$46.57</b>	<b>594</b>	<b>\$45.21</b>

Pro-forma information regarding net income and earnings per share is required by SFAS No. 123, "Accounting for Stock-Based Compensation," and has been determined as if the Company had accounted for its employee stock options under the fair value method of that Statement. The fair value for the Company's options was estimated at the date of grant using a Black-Scholes options pricing model with the following weighted average assumptions:

	2002	2001	2000
Risk-free interest rate	<b>4.34%</b>	5.02%	6.50%
Dividend yield	<b>1.32%</b>	1.49%	1.52%
Volatility factor	<b>33.66%</b>	32.73%	32.54%
Weighted-average expected life	<b>6.5 years</b>	6.5 years	6.5 years

For purposes of pro-forma disclosures, the estimated fair value of the options is amortized to expense over the options' vesting period. The Company's pro-forma net earnings/(loss) and earnings/(loss) per share, adjusted to include pro-forma expense related to stock options, are as follows:

	millions of dollars, except per share and option amounts		
	2002	2001	2000
Net earnings/(loss) - as reported	<b>\$(119.1)</b>	\$66.4	\$94.0
Net earnings/(loss) - pro-forma	<b>(121.8)</b>	64.8	92.5
Earnings/(loss) per share - as reported (basic)	<b>(4.47)</b>	2.52	3.56
Earnings/(loss) per share - as reported (diluted)	<b>(4.44)</b>	2.51	3.54
Earnings/(loss) per share - pro-forma (basic)	<b>(4.57)</b>	2.46	3.50
Earnings/(loss) per share - pro-forma (diluted)	<b>(4.54)</b>	2.45	3.48
Weighted-average fair value of options granted during the year	<b>20.26</b>	17.28	13.63

### 10

#### OTHER COMPREHENSIVE INCOME

The tax effects of the components of other comprehensive income/(loss) in the Consolidated Statements of Stockholders' Equity are as follows:

For the Year Ended December 31,	millions of dollars		
	2002	2001	2000
Foreign currency translation adjustment	<b>\$ 55.9</b>	\$(14.6)	\$(28.0)
Income taxes	<b>(15.0)</b>	(3.8)	(0.2)
Net foreign currency translation adjustment	<b>40.9</b>	(18.4)	(28.2)
Minimum pension liability adjustment	<b>(65.4)</b>	(29.7)	(0.1)
Income taxes	<b>23.1</b>	11.0	—
Net minimum pension liability adjustment	<b>(42.3)</b>	(18.7)	(0.1)
Other comprehensive loss	<b>\$ (1.4)</b>	\$(37.1)	\$(28.3)

## Notes to Consolidated Financial Statements

The components of accumulated other comprehensive loss, net of tax, in the Consolidated Balance Sheets are as follows:

December 31,	millions of dollars	
	2002	2001
Foreign currency translation adjustment	\$ 6.7	\$(34.2)
Minimum pension liability adjustment	(61.2)	(18.9)
Accumulated other comprehensive loss	<u>\$(54.5)</u>	<u>\$(53.1)</u>

### 11

#### COMMITMENTS AND CONTINGENCIES

The Company and certain of its current and former direct and indirect corporate predecessors, subsidiaries and divisions have been identified by the United States Environmental Protection Agency and certain state environmental agencies and private parties as potentially responsible parties (PRPs) at various hazardous waste disposal sites under the Comprehensive Environmental Response, Compensation and Liability Act (Superfund) and equivalent state laws and, as such, may presently be liable for the cost of clean-up and other remedial activities at 44 such sites. Responsibility for clean-up and other remedial activities at a Superfund site is typically shared among PRPs based on an allocation formula.

Based on information available to the Company, which in most cases, includes: an estimate of allocation of liability among PRPs; the probability that other PRPs, many of whom are large, solvent public companies, will fully pay the cost apportioned to them; currently available information from PRPs and/or federal or state environmental agencies concerning the scope of contamination and estimated remediation costs; remediation alternatives; estimated legal fees; and other factors, the Company has established a reserve for indicated environmental liabilities with a balance at December 31, 2002 of approximately \$20.3 million. The Company expects this amount to be expended over the next three to five years.

BorgWarner believes that none of these matters, individually or in the aggregate, will have a material adverse effect on its financial condition or future operating results, generally either because estimates of the maximum potential liability at a site are not large or because liability will be shared with other PRPs, although no assurance can be given with respect to the ultimate outcome of any such matter.

In connection with the sale of Kuhlman Electric Corporation, the Company agreed to indemnify the buyer and Kuhlman Electric for certain environmental liabilities relating to the past operations of Kuhlman Electric. During 2000, Kuhlman Electric notified the Company that it discovered potential environmental contamination at its Crystal Springs, Mississippi plant while undertaking an expansion of the plant.

The Company has been working with the Mississippi Department of Environmental Quality and Kuhlman Electric to investigate the extent of the contamination. The investigation has revealed the presence of polychlorinated biphenyls (PCBs) in portions of the soil at the plant and neighboring areas. Kuhlman Electric and others, including the Company, have been sued in several related lawsuits which claim personal and property damage. The Company has moved to be dismissed from some of these lawsuits.

The Company's lawsuit against Kuhlman Electric seeking declaration of the scope of the Company's contractual indemnity has been amicably resolved and dismissed. The Company believes that the reserve for environmental liabilities is sufficient to cover any potential liability associated with this matter. However, due to the nature of environmental liability matters, there can be no assurance that the actual amount of environmental liabilities will not exceed the amount reserved.

Patent infringement actions were filed against the Company's turbocharger unit located in Europe in late 2001 and in 2002 by Honeywell International. The Dusseldorf District Court in Germany entered a preliminary injunction against the Company on July 9, 2002 limiting the Company's ability to manufacture and sell a certain variable turbine geometry (VTG) turbocharger in Germany until a patent hearing, then scheduled for December 2002.

In order to continue uninterrupted service to its customer, the Company paid Honeywell \$25 million in July 2002 so that it could continue to make and deliver disputed car turbochargers through June of 2003. The agreement with Honeywell partially settles litigation, suspends the July 2002 preliminary injunction and provides for a license to deliver until June 2003. As part of the agreement, Honeywell agreed to not seek damages for deliveries made before June 30, 2003. The Company appealed the granting of the July preliminary injunction, but Honeywell withdrew the preliminary injunction before the Company's appeal could be heard.

In January 2003, the Dusseldorf District Court decided that the Company's current design of the VTG turbocharger infringes the patent asserted by Honeywell. The Company continues to believe that its current production designs do not violate the Honeywell patents and are not covered by their lawsuit and plans to challenge the District Court's decision. The Company has informed its customers of its inability to deliver the current design VTG turbocharger after June 30, 2003. The Company continues to develop a new generation VTG turbocharger to replace the current model and expects to begin delivery of the new generation VTG turbocharger by July 1, 2003 if approved by the customers.

The Company is recognizing expense of the \$25 million license payment as it ships the affected products from January 2002 to June 2003. In 2002, \$14.5 million of expense was recognized.

### 12

#### LEASES

Certain assets are leased under long-term operating leases. These include machinery and equipment at one plant, rent for the corporate headquarters, and a leased plane. Most leases contain renewal options for various periods. Leases generally require the Company to pay for insurance, taxes and maintenance of the leased property. Total rent expense was \$11.4 million in 2002, \$8.3 million in 2001, and \$10.1 million in 2000. The Company does not have any material capital leases.

The Company has guaranteed the residual values of the leased machinery and equipment. The guarantees extend through the maturity of the underlying lease, which is in 2005. In the event the Company exercised its option not to purchase the machinery and equipment, the Company has guaranteed a residual value of \$16.3 million.

Future minimum operating lease payments at December 31, 2002 were as follows:

	millions of dollars
2003	\$ 4.3
2004	4.2
2005	22.7
2006	0.9
2007	0.9
After 2007	3.4
Total minimum lease payments	<u>\$36.4</u>

### 13

#### GOODWILL

In July 2001, the Financial Accounting Standards Board issued SFAS No. 142, "Goodwill and Other Intangible Assets." SFAS No. 142, effective January 1, 2002, specifies that goodwill and certain intangible assets will no longer be amortized but instead will be subject to periodic impairment testing. SFAS No. 142 also requires that, upon adoption, goodwill be allocated to the Company's reporting units and a two-step impairment analysis be performed.

The Company adopted SFAS No. 142 effective January 1, 2002. Under the transitional provisions of the SFAS, the Company allocated goodwill to its reporting units and performed the two-step impairment analysis. The fair value of the Company's businesses used in determination of the goodwill impairment was computed using the expected present value of associated future cash flows. As a result of this analysis, the Company determined that goodwill associated with its Cooling Systems and Air/Fluid Systems operating businesses was impaired due to fundamental changes in their served markets, particularly the medium and heavy truck markets, and weakness at a major customer. As a result a charge of \$269 million, net of taxes of \$76 million, was recorded. The impairment loss was recorded in the first quarter of 2002 as a cumulative effect of change in accounting principle. The changes in the carrying amount of goodwill (in millions of dollars) for the twelve months ended December 31, 2002, are as follows:

	Morse TEC	Air/Fluid Systems	Cooling Systems	Transmission Systems	TorqTransfer Systems	Total
Balance at 12/31/2001	\$385.4	\$228.9	\$ 417.3	\$129.0	\$ —	\$1,160.6
Translation adjustments	8.9	0.5	2.0	—	—	11.4
Change in accounting principle	—	(73.5)	(271.5)	—	—	(345.0)
Balance at 12/31/2002	<u>\$394.3</u>	<u>\$155.9</u>	<u>\$ 147.8</u>	<u>\$129.0</u>	<u>\$ —</u>	<u>\$ 827.0</u>

## Notes to Consolidated Financial Statements

Also as a result of the adoption of SFAS No. 142, the Company did not amortize goodwill in 2002. The following table provides adjusted net earnings/(loss) and earnings per share data for the years ended December 31, 2002, 2001, and 2000 as if goodwill had not been amortized during these periods:

	millions of dollars		
	2002	2001	2000
For the Twelve Months Ended December 31,			
Reported net earnings before cumulative effect of change in accounting principle	\$ 149.9	\$66.4	\$ 94.0
Goodwill amortization, net of tax	—	26.5	27.3
Adjusted net earnings before cumulative effect of change in accounting principle	149.9	92.9	121.3
Cumulative effect of change in accounting principle, net of tax	(269.0)	—	—
Adjusted net earnings/(loss)	\$ (119.1)	\$92.9	\$121.3
<b>Basic earnings (loss) per share:</b>			
Reported net earnings before cumulative effect of change in accounting principle	\$ 5.63	\$2.52	\$ 3.56
Goodwill amortization	—	1.00	1.03
Adjusted net earnings before cumulative effect of change in accounting principle	5.63	3.52	4.59
Cumulative effect of change in accounting principle, net of tax	(10.10)	—	—
Adjusted net earnings/(loss)	\$ (4.47)	\$3.52	\$ 4.59
<b>Diluted earnings (loss) per share:</b>			
Reported net earnings before cumulative effect of change in accounting principle	\$ 5.58	\$2.51	\$ 3.54
Goodwill amortization	—	1.00	1.03
Adjusted net earnings before cumulative effect of change in accounting principle	5.58	3.51	4.57
Cumulative effect of change in accounting principle, net of tax	(10.02)	—	—
Adjusted net earnings/(loss)	\$ (4.44)	\$3.51	\$ 4.57

### 14

#### OPERATING SEGMENTS

**Geographic information** No country outside the U.S., other than Germany, accounts for as much as 5% of consolidated net sales, attributing sales to the sources of the product rather than the location of the customer. For this purpose, the Company's 50% equity investment in NSK-Warner (Note Five) amounting to \$148.3 million at December 31, 2002 is excluded from the definition of long-lived assets, as are goodwill and certain other noncurrent assets.

	millions of dollars					
	Net Sales			Long-Lived Assets		
	2002	2001	2000	2002	2001	2000
United States	\$1,859.1	\$1,687.4	\$1,960.2	\$643.0	\$638.5	\$591.9
Europe:						
Germany	453.4	347.5	350.0	182.3	148.5	132.3
Other Europe	236.0	162.2	183.2	72.4	64.4	60.6
Total Europe	689.4	509.7	533.2	254.7	212.9	192.9
Other foreign	182.6	154.5	152.5	80.8	75.5	88.6
Total	\$2,731.1	\$2,351.6	\$2,645.9	\$978.5	\$926.9	\$873.4

**Sales to major customers** Consolidated sales included sales to Ford Motor Company of approximately 26%, 30% and 30%; to DaimlerChrysler of approximately 20%, 21% and 19%; and to General Motors Corporation of approximately 12%, 12% and 13% for the years ended December 31, 2002, 2001 and 2000, respectively. No other single customer accounted for more than 10% of consolidated sales in any year between 2000 and 2002. Such sales consisted of a variety of products to a variety of customer locations worldwide. Each of the five operating segments had significant sales to all three of the customers listed above.

For purposes of this footnote, the Company's business was comprised of five operating segments: Morse TEC, Air/Fluid Systems, Cooling Systems, TorqTransfer Systems and Transmission Systems. These reportable segments are strategic business units which are managed separately because each represents a specific grouping of automotive components and systems. The Company evaluates performance based on earnings before interest and taxes, which emphasizes realization of a satisfactory return on the total capital invested in each operating unit. Intersegment sales, which are not significant, are recorded at market prices. This footnote presents summary segment information.

#### Operating Segments

	Sales			millions of dollars			
	Customers	Inter-segment	Net	Earnings Before Interest and Taxes	Year End Assets	Depreciation/Amortization	Long-Lived Assets Expenditures <sup>c</sup>
<b>2002</b>							
Morse TEC	\$1,018.7	\$28.2	\$1,046.9	\$159.2	\$1,190.5	\$ 54.9	\$ 72.0
Air/Fluid Systems	375.6	12.8	388.4	23.4	310.0	19.9	15.4
Cooling Systems	235.8	—	235.8	25.1	239.4	13.1	7.6
TorqTransfer Systems	626.5	3.6	630.1	39.2	280.5	25.9	18.0
Transmission Systems	474.5	20.7	495.2	64.9	397.6	21.5	33.2
Inter-segment eliminations	—	(65.3)	(65.3)	—	—	—	—
Total	2,731.1	—	2,731.1	311.8	2,418.0	135.3	146.2
Corporate	—	—	—	(40.3)	264.9 <sup>b</sup>	2.1	19.9
Consolidated	\$2,731.1	\$ —	\$2,731.1	\$271.5 <sup>a</sup>	\$2,682.9	\$137.4	\$166.1
<b>2001</b>							
Morse TEC	\$ 846.7	\$22.7	\$ 869.4	\$119.8	\$1,066.4	\$ 62.3	\$ 75.7
Air/Fluid Systems	350.2	7.6	357.8	12.9	382.1	25.1	17.6
Cooling Systems	220.5	—	220.5	7.5	510.1	30.6	14.6
TorqTransfer Systems	498.7	1.4	500.1	24.1	266.6	23.4	38.0
Transmission Systems	417.5	11.3	428.8	48.5	359.6	26.1	26.6
Divested operations and businesses held for sale <sup>a</sup>	18.0	—	18.0	(0.2)	—	0.2	—
Inter-segment eliminations	—	(43.0)	(43.0)	—	—	—	—
Total	2,351.6	—	2,351.6	212.6	2,584.8	167.7	172.5
Corporate	—	—	—	(26.5)	186.1 <sup>b</sup>	2.2	10.4
Restructuring and other non-recurring charges	—	—	—	(28.4)	—	—	—
Consolidated	\$2,351.6	\$ —	\$2,351.6	\$157.7 <sup>a</sup>	\$2,770.9	\$169.9	\$182.9
<b>2000</b>							
Morse TEC	\$ 860.0	\$25.8	\$885.8	\$127.4	\$1,017.7	\$ 58.7	\$ 82.8
Air/Fluid Systems	419.0	8.8	427.8	35.7	403.2	25.6	27.0
Cooling Systems	280.8	0.5	281.3	32.1	536.8	30.5	16.7
TorqTransfer Systems	524.9	1.8	526.7	37.2	250.3	24.0	19.2
Transmission Systems	428.5	9.0	437.5	46.0	353.1	25.5	32.6
Divested operations and businesses held for sale <sup>a</sup>	132.7	0.2	132.9	3.2	73.6	3.0	4.6
Inter-segment eliminations	—	(46.1)	(46.1)	—	—	—	—
Total	2,645.9	—	2,645.9	281.6	2,634.7	167.3	182.9
Corporate	—	—	—	(4.6)	104.9 <sup>b</sup>	3.1	13.9
Restructuring and other non-recurring charges	—	—	—	(62.9)	—	—	—
Consolidated	\$2,645.9	\$ —	\$2,645.9	\$214.1 <sup>a</sup>	\$2,739.6	\$170.4	\$196.8

(a) Fuel Systems was sold in 2001. The HVAC business was sold in 2000.

(b) Corporate assets, including equity in affiliates, are net of trade receivables sold to third parties, and include cash, marketable securities, deferred taxes and investments and advances.

(c) Long-lived asset expenditures includes capital spending and additions to non-perishable tooling, net of customer reimbursements.

(d) Earnings before interest and taxes above is net of interest expense and finance charges of \$37.7, \$47.8 and \$62.6 million in 2002, 2001 and 2000, respectively. Had these amounts been included in the table above, earnings before income taxes for the years 2002, 2001 and 2000 would be \$233.8, \$109.9 and \$151.5 million, respectively.

## Notes to Consolidated Financial Statements

### Interim Financial Information (Unaudited)

The following information includes all adjustments, as well as normal recurring items, that the Company considers necessary for a fair presentation of 2002

and 2001 interim results of operations. Certain 2002 and 2001 quarterly amounts have been reclassified to conform to the annual presentation.

Quarter Ended,	millions of dollars, except per share amounts									
	2002					2001				
	March 31	June 30	Sept. 30	Dec. 31	Year 2002	March 31	June 30	Sept. 30	Dec. 31	Year 2001
Net sales	\$ 633.9	\$ 712.4	\$ 684.0	\$ 700.8	\$ 2,731.1	\$ 606.8	\$ 602.0	\$ 559.9	\$ 582.9	\$ 2,351.6
Cost of sales	504.2	561.4	556.1	554.8	2,176.5	494.3	480.4	451.5	464.6	1,890.8
Gross profit	129.7	151.0	127.9	146.0	554.6	112.5	121.6	108.4	118.3	460.8
Selling, general and administrative expenses	74.5	76.5	73.2	79.3	303.5	59.4	63.0	59.2	68.1	249.7
Goodwill amortization	—	—	—	—	—	10.6	10.3	10.4	10.7	42.0
Other, net	(0.5)	0.1	(0.2)	(0.3)	(0.9)	(0.6)	0.2	(0.6)	(1.1)	(2.1)
Restructuring and other non-recurring charges	—	—	—	—	—	—	—	—	28.4	28.4
Operating income	55.7	74.4	54.9	67.0	252.0	43.1	48.1	39.4	12.2	142.8
Equity in affiliate earnings, net of tax	(3.4)	(6.0)	(4.5)	(5.6)	(19.5)	(3.9)	(4.8)	(3.3)	(2.9)	(14.9)
Interest expense, net	9.8	9.5	9.3	9.1	37.7	12.8	12.4	12.3	10.3	47.8
Income before income taxes	49.3	70.9	50.1	63.5	233.8	34.2	40.5	30.4	4.8	109.9
Provision for income taxes	16.3	23.6	16.4	20.9	77.2	12.4	15.1	10.9	1.3	39.7
Minority interest, net of tax	1.5	1.6	1.8	1.8	6.7	0.7	0.7	1.1	1.3	3.8
Net earnings before cumulative effect of accounting change	\$ 31.5	\$ 45.7	\$ 31.9	\$ 40.8	\$ 149.9	\$ 21.1	\$ 24.7	\$ 18.4	\$ 2.2	\$ 66.4
Cumulative effect of accounting change <sup>a</sup>	(269.0)	—	—	—	(269.0)	—	—	—	—	—
Net earnings/(loss)	\$(237.5)	\$ 45.7	\$ 31.9	\$ 40.8	\$(119.1)	\$ 21.1	\$ 24.7	\$ 18.4	\$ 2.2	\$ 66.4
Net earnings/(loss) per share – basic	\$ (8.98)	\$ 1.72	\$ 1.19	\$ 1.52	\$ (4.47)	\$ 0.80	\$ 0.94	\$ 0.70	\$ 0.08	\$ 2.52
Net earnings/(loss) per share – diluted	\$ (8.90)	\$ 1.70	\$ 1.18	\$ 1.52	\$ (4.44)	\$ 0.80	\$ 0.93	\$ 0.70	\$ 0.08 <sup>b</sup>	\$ 2.51 <sup>b</sup>

(a) In 2002, the Company recorded a \$269.0 million charge for cumulative effect of change in accounting principle, net of tax. This charge was \$10.02 per diluted share. Earnings before cumulative effect of change in accounting principle were \$149.9 million or \$5.58 per diluted share.

(b) Diluted earnings per share excluding the fourth quarter non-recurring charges were \$0.80 for the quarter ended December 31, 2001 and \$3.23 for the year ended December 31, 2001.

## 2002 Selected Financial Data

BorgWarner Inc. and Consolidated Subsidiaries

For the Year Ended December 31,	millions of dollars, except per share data				
	2002	2001	2000	1999	1998
<b>Statement of Operations Data</b>					
Net sales	\$2,731.1	\$2,351.6	\$2,645.9	\$2,458.6	\$1,836.8
Cost of sales	2,176.5	1,890.8	2,090.7	1,968.3	1,518.0
Gross profit	554.6	460.8	555.2	490.3	318.8
Selling, general and administrative expenses	303.5	249.7	258.7	214.8	142.6
Goodwill amortization	—	42.0	43.3	32.1	16.8
Other, net	(0.9)	(2.1)	(8.1)	(2.4)	(4.8)
Restructuring and other non-recurring charges	—	28.4 <sup>b</sup>	62.9 <sup>c</sup>	—	—
Operating income	252.0	142.8	198.4	245.8	164.2
Equity in affiliate earnings, net of tax	(19.5)	(14.9)	(15.7)	(11.7)	(5.5)
Interest expense, net	37.7	47.8	62.6	49.2	26.9
Income before income taxes	233.8	109.9	151.5	208.3	142.8
Provision for income taxes	77.2	39.7	54.8	74.7	46.0
Minority interest, net of tax	6.7	3.8	2.7	1.3	2.1
Net earnings before cumulative effect of accounting change	149.9	66.4	94.0	132.3	94.7
Cumulative effect of change in accounting principle, net of tax	(269.0) <sup>a</sup>	—	—	—	—
Net earnings/(loss)	\$ (119.1)	\$ 66.4	\$ 94.0	\$ 132.3	\$ 94.7
Net earnings/(loss) per share – basic	\$ (4.47) <sup>a</sup>	\$ 2.52 <sup>b</sup>	\$ 3.56 <sup>c</sup>	\$ 5.10	\$ 4.03
Average shares outstanding (thousands) – basic	26,625	26,315	26,391	25,948	23,479
Net earnings/(loss) per share – diluted	\$ (4.44) <sup>a</sup>	\$ 2.51 <sup>b</sup>	\$ 3.54 <sup>c</sup>	\$ 5.07	\$ 4.00
Average shares outstanding (thousands) – diluted	26,854	26,463	26,487	26,078	23,676
Cash dividend declared per share	\$ 0.63	\$ 0.60	\$ 0.60	\$ 0.60	\$ 0.60
<b>Balance Sheet Data</b> (at end of period)					
Total assets	\$2,682.9	\$2,770.9	\$2,739.6	\$2,970.7	\$1,846.1
Total debt	646.7	737.0	794.8	980.3	393.5

(a) In 2002, upon the adoption of SFAS No. 142, the Company recorded a \$269.0 million charge for cumulative effect of accounting principle, net of tax. This charge was \$10.02 per diluted share. Earnings before cumulative effect of change in accounting principle were \$149.9 million or \$5.58 per diluted share.

(b) In 2001, the Company recorded \$28.4 million in non-recurring charges. Net of tax, this totaled \$19.0 million or \$0.72 per diluted share. Earnings before non-recurring charges were \$85.4 million or \$3.23 per diluted share.

(c) In 2000, the Company recorded \$62.9 million in restructuring and other non-recurring charges. Net of tax, this totaled \$38.7 million or \$1.47 per diluted share. Earnings before restructuring and other non-recurring charges were \$132.7 million, or \$5.01 per diluted share.

## Corporate Information

### COMPANY INFORMATION

BorgWarner Inc.  
200 South Michigan Avenue, Chicago, IL 60604  
312-322-8500  
www.bwauto.com

### STOCK LISTING

Shares are listed and traded on the New York Stock Exchange. Ticker symbol: BWA.

	High	Low
Fourth Quarter 2002	<b>\$52.51</b>	<b>\$39.15</b>
Third Quarter 2002	<b>62.06</b>	<b>48.89</b>
Second Quarter 2002	<b>67.86</b>	<b>55.87</b>
First Quarter 2002	<b>64.12</b>	<b>49.71</b>
Fourth Quarter 2001	\$52.25	\$39.88
Third Quarter 2001	54.50	36.49
Second Quarter 2001	49.62	39.60
First Quarter 2001	45.81	38.90

### DIVIDENDS

The current dividend practice established by the directors is to declare regular quarterly dividends. The last such dividend of 18 cents per share of common stock was declared on December 9, 2002, payable February 17, 2003, to stockholders of record on February 3, 2003. The current practice is subject to review and change at the discretion of the Board of Directors.

### SHAREHOLDER SERVICES

Mellon Investor Services is the transfer agent, registrar and dividend dispersing agent for BorgWarner common stock.

Mellon Investor Services for BorgWarner  
85 Challenger Road  
Ridgefield Park, NJ 07660  
www.mellon-investor.com

Communications concerning stock transfer, change of address, lost stock certificates or proxy statements for the annual meeting should be directed to Mellon Investor Services at 800-851-4229.

### DIVIDEND REINVESTMENT AND STOCK PURCHASE PLAN

The BorgWarner Dividend Reinvestment and Stock Purchase Plan has been established so that anyone can make direct purchases of BorgWarner common stock and reinvest dividends. We pay the brokerage commissions on purchases. Questions about the plan can be directed to Mellon at 800-851-4229. To receive a prospectus and enrollment package, contact Mellon at 800-842-7629.

### ANNUAL MEETING OF STOCKHOLDERS

The 2003 annual meeting of stockholders will be held on Wednesday, April 23, 2003, beginning at 10:00 a.m. on the 19th floor of our headquarters at 200 South Michigan Avenue in Chicago.

### STOCKHOLDERS

As of December 31, 2002, there were 2,979 holders of record and an estimated 9,000 beneficial holders.

### INVESTOR INFORMATION

Visit [www.bwauto.com](http://www.bwauto.com) for a wide range of company information. For investor information, including the following, click on *Investor Information*.

- BorgWarner News Releases
- BorgWarner Stock Quote
- Earnings Release Conference Call Calendar
- Analyst Coverage
- Shareholder Services
- BorgWarner In The News Articles
- Annual Reports
- Proxy Statement and Card
- Dividend Reinvestment/Stock Purchase Plan
- Financials and SEC Filings (including the Annual Report on Form 10K)
- Request Information Form



### NEWS RELEASE SIGN-UP

At our Investor Information web page, you can sign up to receive BorgWarner's news releases. Here's how to sign up:

1. Go to [www.bwauto.com](http://www.bwauto.com)
2. Click *Investor Information*
3. Click *News Releases Sign-up* and follow the instructions

### INVESTOR INQUIRIES

Investors and securities analysts requiring financial reports, interviews or other information should contact Mary E. Brevard, Director of Investor Relations and Communications at BorgWarner headquarters, 312-322-8683. For copies of printed material, call our BorgWarner Investor Relations Hot Line at 312-322-8524.

BorgWarner Inc. owns U.S. trademark registrations for: BorgWarner, ,  and TORQUE-ON-DEMAND. BorgWarner owns the following trademarks: ITM, InterActive Torque Management and DualTronic.

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## VALUE PROPOSITION

BorgWarner is the recognized leader in the world specializing in advanced products and technologies to satisfy customer needs in powertrain components and system solutions.

Our Goal: "Customers rely on us because we know more about powertrain systems than anyone else in the world."



## CORE VALUES

Dignity of the Individual	Responsibility to the Common Good	Endless Quest for Excellence	Continuous Renewal	Commonwealth of BorgWarner and its People
For BorgWarner to succeed, we must operate in a climate of openness and trust, in which each of us freely grants others the same respect, cooperation and decency we seek for ourselves.	Our challenge is to supply goods and services that are of superior value to those who use them; to create jobs that provide meaning for those who do them; to honor and enhance human life; and to offer our talents and our wealth to help improve the world we share.	Though we may be better today than we were yesterday, we are not as good as we must become. BorgWarner chooses to be a leader — in serving our customers, advancing our technologies and rewarding all who invest in us their time, money and trust. None of us can settle for doing less than our best, and we can never stop trying to surpass what already has been achieved.	To follow our vision to the future, we must see the difference between traditions that give us continuity and strength, and conventions that no longer serve us — and have the courage to act on that knowledge. We must be among the few who anticipate change, and shape it to our purpose.	BorgWarner is both a federation of businesses and a community of people. Our goal is to preserve the freedom each of us needs to find personal satisfaction while building the strength that comes from unity. True unity is more than a melding of self-interests; it results when values and ideals also are shared.





 **BorgWarner**

200 South Michigan  
Chicago, IL 60604