

# All Roads Lead to the Customer

Whether You're a Consumer or a Shareholder, Our Goal Is Your Satisfaction



# **Profile**

The Yokohama Rubber Co., Ltd. (YRC), is one of the world's leading manufacturers of rubber products, offering an extensive range of tire, rubber and adhesive products. Established in 1917, YRC has expanded its worldwide business scope with a lineup of high-technology products meeting consumer needs in the fields of automobiles, civil engineering, construction, marine engineering, aerospace and sporting goods, which have earned the company an excellent reputation. Today, YRC is reinforcing its global structure through production centers in Japan, other countries in Asia and the United States, and through a sales network covering these three regions and Europe with the goal of becoming a corporation that wins the confidence of customers around the world.

# **Product Lineup**

# TIRE GROUP

Tires and tubes for passenger cars, trucks, buses, small trucks, construction vehicles, industrial vehicles and aircraft



# MULTIPLE BUSINESS GROUP

Conveyor belts, hoses, pneumatic rubber, fenders, marine hoses, rubber bearings, antiseismic rubber materials for buildings, waterproofing agents, adhesives, sealing materials, aircraft lavatory modules, aircraft hoses, aircraft couplings, aircraft fuel cells and water tanks, and sporting goods

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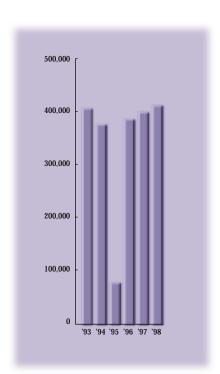
# Financial Highlights

For the years ended March 31, 1998, 1997 and 1996

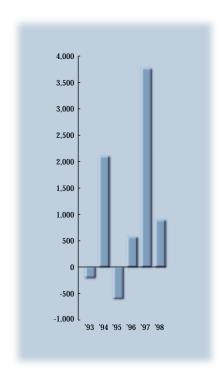
	Millions of yen			Thousands of U.S. dollars
	1998	1997	1996	1998
Net Sales	¥415,397	¥402,652	¥389,304	\$3,146,947
Operating Income	11,702	14,313	15,155	88,652
Income before Income Taxes	5,620	15,326	5,746	42,576
Net Income	873	3,753	563	6,614
Shareholders' Equity	105,478	108,306	97,907	799,076
Total Assets	440,420	420,939	423,749	3,336,515
		Yen		U.S. dollars
	1998	1997	1996	1998
Per Share:				
Net Income	¥2.55	¥11.14	¥1.77	\$0.02
Cash Dividends	8.00	8.00	8.00	0.06

Note: The United States dollar amounts in this annual report are given for convenience only and represent translations of Japanese yen at the rate of \$132.00=US\$1.

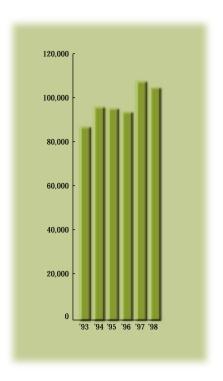
# $Net \ Sales \ ({\tt Millions} \ {\tt of} \ {\tt yen})$



# Net Income (Loss) (Millions of yen)



# Shareholders' Equity (Millions of yen)



# To Our Shareholders



Kazuo Motoyama (left), Chairman, and Seiji Hagiwara, President

### FISCAL 1998 IN REVIEW

We are pleased to present the Annual Report of the Yokohama Rubber Co., Ltd., and its consolidated subsidiaries (collectively Yokohama) for the fiscal year ended March 31, 1998.

During the term under review, Japan saw a significant economic slowdown, owing primarily to such factors as an increase in the consumption tax rate initiated in April 1997 and a halt in implementing special income tax reductions, both of which restricted personal consumption. Contracted spending for public works also adversely affected the business environment. Overseas, fiscal 1998 was a year of mixed environments; although the United States continued to enjoy booming business, Asia was hit by currency crises.

Under these circumstances, Yokohama's Tire Group saw a decline in domestic sales of both original equipment (OE) and replacement tires. On the other hand, sales of tires for export soared, supported by the depreciation of the yen. In our Multiple Business (MB) Group, sales grew from the previous year, owing to increases in exports of industrial products and in sales of products in the aerospace and sports sectors.

As a result, net sales amounted to ¥415,397 million, a rise of 3.2%. Operating income, however, dropped 18.2% to ¥11,702 million, and net income stood at ¥873 million, a decline of 76.7%. The fall in net income was caused by intensified price competition in fiscal 1998 and the absence of extraordinary income from the sale of securities in overseas partners, which was recorded in figures for fiscal 1997.

# MEASURES FOR RECOVERY

The business environment will remain difficult in fiscal 1999. The Japanese economy, in particular, is looking at what is considered to be the lowest level of personal consumption since the oil crisis of 1973. Despite these negative factors, however, Yokohama is determined to take measures to increase sales and profits in fiscal 1999.

First of all, in the Japanese market Yokohama will reinforce its status as a leading tire manufacturer by offering replacement tires of superior quality and distinctiveness. We have been implementing the "Inch-Up" campaign since fiscal 1997 to solidify our reputation as a maker of high-performance products and to raise our status in the market.

Second, we will develop more overseas markets. Demand for tires has been weak since last year in Asia, including Japan, but remains vigorous in North America, Europe and South America. Yokohama increased its tire exports in fiscal 1998 and plans to further expand them by improving its supply structure and sales network. Factors such as the smooth progress of restructuring at Yokohama Tire Corporation (YTC), a U.S. subsidiary, and the commencement of tire production in the Philippines in January 1998 should also contribute to enhancing our market presence overseas. In the MB Group, we will focus efforts on raising our global competitiveness and further expanding overseas markets for our products.

Reducing costs is our third initiative. For the past several years, we have committed ourselves to Total Productive Maintenance (TPM) activities, through which we have realized systems and capabilities to consistently manufacture high-quality products at competitive costs. In fiscal 1999, backed by our achievements in TPM and the improvement of our production methods, we plan to further reduce costs.

We also plan to streamline our management structure to speed up managerial decision-making processes. Further, with an eye toward reducing the outflow of funds, we will conduct in-house many of the diverse operations that have previously been subcontracted to vendors.

# TOWARD THE 21ST CENTURY

The world is experiencing a period of radical change. Companies in a variety of industries, including the tire industry, have been making vigorous efforts to develop new technologies and reduce costs in order to survive in this period of uncertainty. In these circumstances, Yokohama remains determined to pursue business

objectives centered on its management policies and accumulated technologies.

The foundation of our global strategies is our corporate base in Japan. For our tire business, we have strategically placed production centers in Japan, other parts of Asia and North America to penetrate further into these markets and through vigorous sales activities, into Europe and other regions, as well. Our goal for the tire business is to win a global market share of 5% by the beginning of the 21st century. For our MB operations, we will concentrate on offering distinguished products in the four categories of industry, civil engineering/construction, aerospace products and sporting goods in Asia, North America and other regions. We aim to become a corporation with true strength and responsiveness, underpinned by our two businesses —tire and MB— each cultivating unique products that can only be realized by Yokohama.

The resources to attain these goals are Yokohama's superior marketing and technological expertise, which form our basis for growing into a truly resilient corporate group that can win the confidence of the international community.

Old social frameworks are being discarded and new structures are emerging. Because Yokohama sees these worldwide changes as an opportunity to grow, we will continue our efforts and expand our business toward the 21st century. Throughout our endeavors, we would like to ask for the continued support and understanding of our shareholders.

Kazuo Motoyama, Chairman

Seiji Hagiwara, President

# All Roads Lead to the Customer

Whether You're a Consumer or a Shareholder, Our Goal Is Your Satisfaction

Yokohama aims to win customer satisfaction by offering high-quality products in a timely and efficient manner with minimum harm to the environment.

In fiscal 1998, we actively developed products of the quality expected of the Yokohama brand, reinforced our global supply structure, expanded our MB operations and streamlined our management structure.

Each of these efforts is producing the desired results.

By maximizing customer satisfaction, we aim to make the Yokohama name known all over the world and win a 5% share of the global tire market by the beginning of the next century. We firmly believe such endeavors will foster growth and yield benefits to our shareholders.



# Distinctive Products

We believe that offering distinctive and high-quality products that meet customer needs is a major incentive for customer satisfaction. We always think in terms of what can be done better in order to provide new value to our customers.

One example of this effort is the Inch-Up campaign, which we began last spring for passenger car tires in the Japanese market. The focus of this campaign is to encourage car owners to replace their current tires with Inch-Up tires, which provide improved driving performance, including stability at high speeds. In 1998, we announced Inch-Up tires featuring high performance, low noise and improved riding comfort and thus opened a new domestic tire market for high-class sedans.

High-performance tires must reflect the needs of the times. Today, as the 21st century approaches, tires must above all be safe, quiet and environment-friendly. Yokohama's pledge is to continue offering advanced and original products that win customer loyalty.



# Global Perspective

Ensuring customer satisfaction means consistently delivering the best products in the quantities required and in a timely fashion. As part of our global business strategy of manufacturing products as close as possible to the regions in which they will be used, we are localizing our production activities. Significant progress was made in this effort last year.

In the Tire Group, Yokohama Tire Philippines, Inc. (YTPI), commenced manufacturing tires for passenger cars in January 1998, expanding our supply capacity for the European, Middle Eastern and Asian markets. We also established a tire production company in Vietnam to gain a foothold in that market. In the United States, YTC began manufacturing tires for high-performance passenger cars and recreational vehicles. These facilities, together with GTY Tire Company, which produces tires for trucks and buses, have helped Yokohama increase the ratio of localized production in its total production.

In the MB Group, Yokohama Rubber (Thailand) Co., Ltd., began producing windshield sealant and assembling hydraulic hoses and metal couplings. YH America, Inc., a U.S. affiliate of subsidiary Yokohama Hydex Co., also started producing windshield sealant in addition to pursuing its existent hose business.

Yokohama will continue reinforcing its production organization in Japan, elsewhere in Asia and in the United States, as well as its sales network in these three regions and Europe, to promptly provide the best products to customers around the world.



# Innovative Advantage

T he MB Group represents a treasure trove of rubber and adhesive technologies accumulated by Yokohama. Our technological expertise, which allows us to create innovative products, forms the foundation of our efforts to ensure customer satisfaction. In fiscal 1998, by applying these technologies to develop products in new fields, we strove to expand into new markets.

For example, an application of antiseismic rubber bearing technologies led to the commercialization of laminated rubber sheeting for buildings. We also developed the world's first conveyor belt using PROTEX, our special high-elongation polyester belt duck, in a project initiated to prevent products on conveyor belts from becoming trapped between the belt and the pulley and damaged as a result. Customers using this unique conveyor belt have seen significant drops in the number of such accidents. Yokohama also succeeded in developing technologies to produce a new material by blending rubber and plastic; we are currently preparing new products based on this material. For example, many product concepts have been introduced in our sporting goods business, resulting in such hit products as a utility golf club capable of attaining distances equal to wooden clubs, and a driving spoon that can reach distances comparable to drivers.

Precisely because the MB Group's product development opportunities are virtually unlimited, Yokohama will strive to expand its product development capabilities and achieve a high level of satisfaction spanning a wider range of customers.



# Winning Efficiency

Delivering high-quality, competitively priced products in a timely manner is important to achieving customer satisfaction. Last year, Yokohama made special efforts to improve production and administrative efficiency. We believe these endeavors have turned us into a more effective corporation.

Yokohama has been implementing the TPM program since the early 1990s. The basic concept of this program is that every employee, whether in manufacturing or administrative divisions, will participate in programs to reduce losses and improve equipment and facilities. We made great progress in achieving these goals in our production divisions through 1997. Our administrative divisions are also commencing related activities, which we intend to strengthen in the current year. Furthermore, we have been successful in significantly speeding up administrative tasks by using the computer information network we established in 1996.

Under the theme of QCDE (quality, cost, delivery and environmental protection), Yokohama is determined to offer high-quality products as cost effectively as possible. We believe that such an approach yields the maximum benefits to customers and must be adhered to by every global enterprise.



# Group Highlights at a Glance

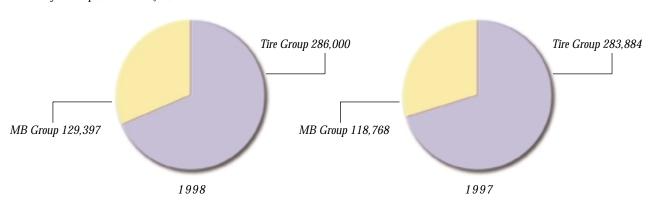
# TIRE GROUP OUTLINE

Net sales of the Tire Group amounted to \(\frac{4}{2}86,000\) million, up 0.7% from fiscal 1997. The weak Japanese economy restricted demand, resulting in a sales decline in both the OE and replacement tire categories. Exports, on the other hand, grew due to active overseas demand and the depreciation of the yen. The restructuring program at YTC began in earnest during the year, helping the subsidiary halve its deficit. In January 1998, YTPI, our new export base in the Philippines, began mass production.

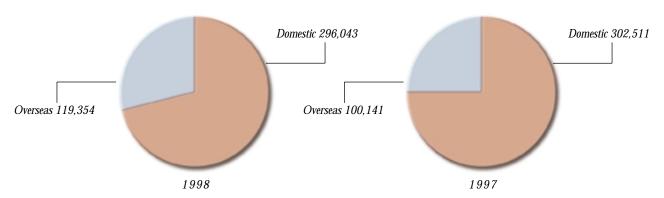
# MB GROUP OUTLINE

The MB Group enjoyed an 8.9% sales increase, to \(\frac{\pmathbf{1}}{29,397}\) million. In the domestic market, sales of our industrial products were at about the same level as the previous year, despite the economic slowdown. Exports grew in the weak yen environment, and sales in the aerospace and golf sectors also expanded. In November 1997, Yokohama Rubber (Thailand) commenced operations.

# Sales by Group (Millions of yen)



# Domestic Sales/Overseas Sales (Millions of yen)



# QUIET AND COMFORTABLE ASPEC dB

ASPEC dB, a new tire for passenger cars, was released in the domestic replacement tire market in March 1998. This tire features lower noise and improved comfort compared with previous products. In 1997, Yokohama started domestic

promotional campaigns for its tires featuring expanded inner diameters and excellent performance. "Comfort Inch-Up" — the slogan we adopted to market the ASPEC dB — is certain to differentiate the Yokohama brand name from the competition.

# OPERATIONS BEGIN AT YOKOHAMA TIRE PHILIPPINES (YTPI)

YTPI's production plant for passenger car tires was completed within the Clark Special Economic Zone, and mass production began in January 1998. The plant, construction of which commenced in 1996, is scheduled to reach a production capacity of 5,000 units per day by August 1998. YTPI plans to manufacture 1.2 million tires per year for marketing in the Philippines and export to Europe, Asia and the Middle East.

# NEW SEALING MATERIAL PLANT IN IBARAKI

In the past, Yokohama's sealing materials for construction and automobile use were manufactured exclusively at the Hiratsuka Factory. However, to meet increasing demand for our sealing materials, in the autumn of 1996 we decided to construct a new

facility on the site of our Ibaraki Plant, which previously had mainly produced hydraulic hoses. The new plant was constructed in one year and started operations in July 1997.



From left • A scene from the "Comfort Inch-Up" television commercial. • Inaugural ceremony for YTPI in April 1998. · Opening ceremony for Yokohama Rubber (Thailand) in November 1997. • Demand for our sealing material is active. • The ZOOM-i utility club (left) and ZOOM-f driving spoon.

# YOKOHAMA RUBBER (THAILAND) UP AND RUNNING

Operations at Yokohama Rubber (Thailand) commenced in November 1997. This company was established in 1996 in a move to localize the production of sealing materials used in automobiles and the assembly of hydraulic hoses. The company was also established to better meet the needs of Japanese

automakers and construction machinery manufacturers with production facilities in Asian countries other than Japan. The construction of the company's plant, located on the Eastern Seaboard Industrial Estate in Rayong Province, took one year.

# **ZOOM GOLF PRODUCTS A HUGE SUCCESS**

Yokohama's ZOOM-i utility club and ZOOM-f driving spoon, which were put on the market last year, have proved to be huge successes. Both contain titanium and tungsten and are designed with a low center of gravity to achieve long distances with high

trajectories. These products first achieved popularity among touring professionals and subsequently have reached such levels of demand that in the latter half of fiscal 1998 production could not keep up with orders.

## VELAREN MATERIAL DEVELOPED

In April 1997, Yokohama developed a new technology to blend rubber and plastic into a new material called VELAREN. This material combines the elasticity of rubber and the malleability of

plastic, making possible light and recyclable products. VELAREN is already employed in our G-PROS/SR water-shielding sheets for civil engineering applications.

# **Review of Operations**

# TIRE GROUP

# ORIGINAL EQUIPMENT (OE) TIRES

# **Automobile Production Slow in Second Half**

According to the Japan Automobile Manufacturers Association, Inc. (JAMA), domestic automobile production increased year on year in the first half of fiscal 1998 (April 1997–March 1998), supported by strong exports. However, on a unit basis this production dropped significantly in the second half, compared with the same period a year earlier, owing to a major decline in domestic demand. Thus, production for the full fiscal year expanded only 1.5%. In this environment, sales of OE tires in the first half increased in both value and unit terms, but, hit hard by reduced automobile demand, fell in the second half. As a result, sales for the year dipped below the level of the previous year.

# **Proposing Products to Customers**

In addition to the drop in automobile production, the OE market is suffering from intense price competition and other factors. To counteract these negative conditions, Yokohama is implementing a proactive sales strategy of proposing products to customers. This type of sales approach aims to increase our sales and market share through the introduction of new products and technologies to automakers and by working with automakers on value analysis and value engineering to recommend Yokohama products for new car models.



Through the Inch-Up campaign, we have been promoting high-performance replacement tires in the domestic market since 1997.

# REPLACEMENT TIRES

# Large Drop in Personal Consumption

The raising of Japan's consumption tax from 3% to 5% in April 1997 and other economic factors severely restricted personal consumption during the fiscal period under review. Further, a series of large-scale financial institution bankruptcies in late 1997 also had the effect of tightening consumers' purse strings. In this environment, although sales of replacement tires grew in the first half of fiscal 1998 in both value and unit terms, they plunged in the second half, causing a year-on-year decrease.

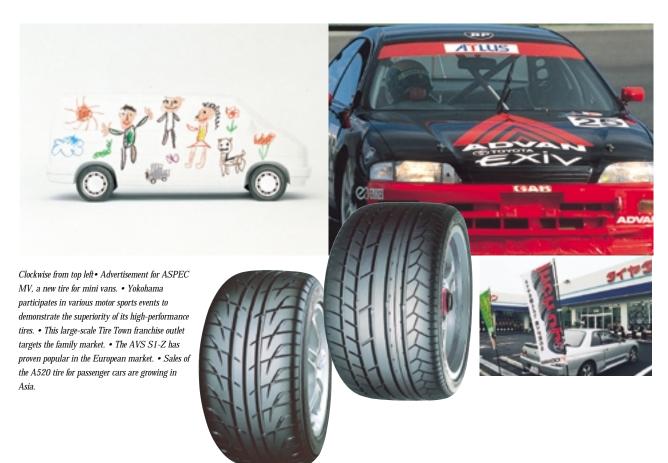
# Inch-Up Campaign

Yokohama's strategy to succeed during the current difficult economic situation is to aggressively offer products that demonstrate our distinctiveness. From this standpoint, since the spring of 1997 we have been engaged in a promotional campaign focusing on our high-performance Inch-Up tires. New products such as the ASPEC dB, which features a quiet and comfortable ride, and the ASPEC MV for mini vans are differentiating Yokohama from competitors. By reinforcing our brand power, we are able to pursue sales activities relatively free from considerations of price competition.

# Expanding the Yokohama Sales Network

The structure of the distribution and retail businesses is changing drastically in Japan, and finding the best way to cope with these changes is an important management issue. Yokohama has streamlined its network of tire sales companies to 31 at the end of fiscal 1998, from 37 a year earlier. In the retail sector, we have

been expanding our franchising activities, mainly through subsidiary YFC Co., Ltd. As of March 31, 1998, we operated 135 Grand Slam and 35 Tire Town franchise stores, as well as 30 Tire Garden partner shops. We plan to increase the number of these outlets to 200, 100 and 200, respectively.



# TIRES FOR EXPORT

# Yen Depreciation Boosts Sales

The low value of the yen, the booming U.S. economy and recovery in Europe continued to boost tire exports. Encouraged by this growth trend, Yokohama expanded its sales network and marketed a variety of new products, which resulted in strong sales of tires for export.

# Reinforcing Europe and Asia

By region, 27% of the tires exported in fiscal 1998 went to North America, 20% to Europe, 20% to Asia, 15% to the Middle East and 18% to other regions. Among these regions—excluding North America, where localization activities are in progress—we

consider Europe and Asia to be the most promising markets. Our high-performance tires have earned an excellent reputation in Europe; YTPI, our export base in the Philippines, began mass producing these tires to further promote sales. In the summer of 1997, a decline was experienced in countries in the Association of South East Asian Nations (ASEAN), triggered by the currency crisis in Thailand. However, exports to the People's Republic of China (PRC) and Taiwan remained strong. In the long term, Asian economies are expected to return to a high rate of growth, which is why we intend to aggressively expand our sales in the region.

# **OFFSHORE PRODUCTION**

# Raising YTC's Profitability

YTC increased its sales in fiscal 1998 by focusing marketing efforts on independent dealers and achieved a 15% decrease in manufacturing costs by lowering its material costs, improving the operation ratio in its plant, raising productivity and reducing inventories. We are continuing to implement such programs to raise YTC's profitability. Specifically, we are expanding the company's lineup of high-value-added tires for recreational vehicles (RVs) and passenger cars and improving production equipment and facilities for these products. In addition, we introduced production improvement systems from Japan and raised the efficiency of YTC's distribution system. In fiscal 1999, we plan to bring YTC firmly into the black.

# Second Production Center in Asia

In addition to YTPI, which began mass production in January 1998, we established Yokohama Tyre Vietnam Company, our second production center in Asia, in November 1997. In its first phase of operation, from June 1998 the new company started producing tires for motorcycles, demand for which is growing sharply in Vietnam. In the second phase, the company will be manufacturing tires for trucks, buses and light trucks. In the future, tires for passenger cars will be added to this lineup.



From left • In 1998, a Ferrari entered by Team MOMO and equipped with Yokohama tires won the Daytona 24 Hours. • In the United States, YTC manufactures at the Salem Plant in Virginia. • A production line at YTPI. Executives from this subsidiary were invited to Japan for a year-long training program that focused on quality assurance.

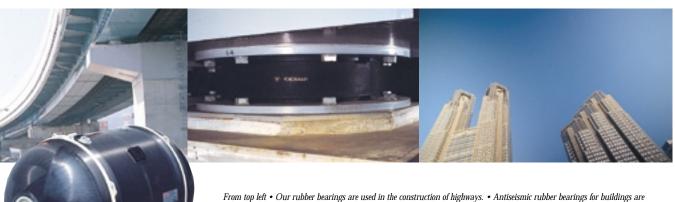
# MULTIPLE BUSINESS GROUP

# INDUSTRIAL, CIVIL ENGINEERING AND HAMATITE® PRODUCTS

# **Emphasizing Construction and Civil Engineering**

In the industrial sector, Yokohama's primary products include conveyor belts for the steel and cement industries and hoses for construction machinery and automobile applications. For the civil engineering sector, we offer products such as antiseismic rubber bearings for bridges. In our HAMATITE® business, we supply sealing materials for buildings and automobiles. In market development during the period under review, we emphasized the construction and civil engineering sectors. Sales to these sectors were strong in the first half of fiscal 1998 but slid in the second

half, as public works projects decreased and housing starts fell significantly. Under these conditions, sales for the fiscal year as a whole were at approximately the same level as the previous year. Other new products include antiseismic rubber bearings for buildings, which we released in the spring of 1997. These products have become popular in recent years as protection against damage from earthquakes; sales contributed greatly to revenue in the second half of fiscal 1998, making the bearings one of Yokohama's flagship products.



From top lett • Our rubber bearings are used in the construction of nighways. • Antiseismic rubber bearings for buildings are becoming a flagship product. • High-rise buildings constructed with HAMATITE® elastic sealing materials. • Yokohama is the sole supplier of drinking-water tanks for the Boeing 777.

# AEROSPACE PRODUCTS

# Strong Demand from Boeing

Sales in the aerospace sector grew steadily in fiscal 1998, owing to demand from The Boeing Company for lavatory modules and drinking-water tanks used in passenger airplanes. Orders from domestic aircraft manufacturers for composite material products

also contributed to expanded sales. Yokohama is the sole supplier of drinking-water tanks used in Boeing 737, 747, 757 and 767 aircraft. In addition, in April 1997 we successfully concluded a contract to provide these products for Boeing 777s.

# Sports Products

# Sales Robust despite a Sluggish Market

Although sluggish personal consumption adversely affected the golf products market in Japan, Yokohama's distinctive products helped us achieve significant sales growth. Demand rose for products in our PRGR brand, including drivers and iron clubs, as well as caddy bags and shirts offering excellent air permeability. Our biggest hits were in the PRGR ZOOM series of utility clubs and driving spoons.



# **EXPORTS AND OFFSHORE PRODUCTION**

# Strategic Marketing Supports Export Growth

In fiscal 1998, Yokohama focused on expanding exports by increasing its sales to existing customers, successfully winning large-scale contracts based on its strategic business proposals and implementing other schemes. The low value of the yen supported these activities. As a result, although Asian demand slipped in the second half of the fiscal year following currency crises in the ASEAN region, Yokohama's overall exports grew significantly. Products that contributed to this success include pneumatic rubber fenders, marine hoses and conveyor belts.

# Localization in North America and Asia

In recent years, Yokohama has been expanding offshore production of its hoses and HAMATITE® products to more effectively meet the needs of Japanese auto and construction

machinery makers with facilities in overseas locations. In North America, where SAS Rubber has been manufacturing automobile hoses and YH America has been assembling hoses and couplings, we decided to commence production of windshield sealant. Our new plant for this product, located on the premises of YH America, went into operation in June 1998. In Asia, we have invested in Taiwan's Shieh Chi Industrial Company, to which we have been transferring technologies to produce hydraulic hoses. In addition, Yokohama Rubber (Thailand) began producing windshield sealant and assembling hoses and couplings in November 1997. Although ASEAN economies are currently experiencing a downturn, we plan to fortify our production in the region because we see it as a promising market in the 21st century.

# The Yokohama Rubber Group

The Yokohama Rubber Group is composed of 61 consolidated subsidiaries, 150 nonconsolidated subsidiaries and 66 affiliates, including eight companies to which the equity method of accounting is applicable. Our consolidated subsidiaries include 28 domestic sales companies of tires, nine domestic sales companies of industrial products, 10 overseas subsidiaries and 14 other domestic companies.

# Domestic Tire Sales Companies

These companies supply Yokohama tires to retail shops and transport companies. As Japan's retail system for tires is undergoing changes in accordance with market expansion and the emergence of large-scale automobile products stores, Yokohama has been restructuring these sales companies with the goal of raising management efficiency to cope with market change.

# Domestic Industrial Products Sales Companies

MB-related products are distributed through these companies to steel and cement manufacturing plants and construction sites across Japan. MB products are by nature highly specialized, and many are custom-made. Thus, each sales company emphasizes employee training in high-level technological skills and encourages frequent information exchanges with customers.

# OVERSEAS SUBSIDIARIES

YTC, located in America, is our largest overseas subsidiary. It was established in 1992 following a merger between YTC — then a sales company — and Mohawk Rubber Company; Yokohama acquired all of the shares of the company in 1989. Based in California and operating a plant in Virginia, YTC markets Yokohama products through a nationwide network of sales and distribution centers. Currently, the company manufactures tires for passenger cars and light trucks. Production capacity is now 7.5 million units per year, a figure we plan to raise to 8.5 million units by the end of December 1998.

# OTHER DOMESTIC COMPANIES

Our largest subsidiary in Japan is Yokohama Hydex, which began as a joint venture between Yokohama and a U.S. company in 1973. Yokohama, discontinued the joint venture contract in 1996 to reestablish the company as a wholly owned subsidiary. Yokohama Hydex is now a leading company in the industry, manufacturing and assembling hydraulic hoses for the construction machinery and automotive sectors in Japan. It is also increasing its overseas market share by localizing production. The company has been assembling hoses in the United States and from last year began hose-assembly operations in Thailand.

# Consolidated Subsidiaries

DOMESTIC TIRE SALES COMPANIES	OTHER DOMESTIC COMPANIES
Twenty-eight companies	Yokohama Hydex Co. (Manufacture and sales of industrial products)
DOMESTIC INDUSTRIAL PRODUCTS SALES COMPANIES	Hamagomu Engineering Ltd. (Manufacture and sales of equipment and plant)
Nine companies	Hamagomu Real Estate Co., Ltd. (Real estate business)
Nine companies	Hamagomu Aicom Inc. (Information processing)
Overseas Subsidiaries	Japan Power Brake Inc. (Manufacture and sales of disk brakes)
Yokohama Tire Corporation	and nine other companies
Yokohama Tyre Australia Pty., Ltd.	
Yokohama Reifen GmbH and seven other companies	

# **Environmental Protection**

QCDE, the abbreviation for quality, cost, delivery and environmental protection, is Yokohama's theme for total technological advancement. We believe that companies that can not meet high standards in these four areas will not be able to compete in the global market in the future. Environmental protection, in particular, is an issue that will demand the attention of all global corporate citizens in the 21st century. At Yokohama, we take this issue seriously, as shown by the variety of environmental protection initiatives that we began implementing in the early 1990s.

# PROGRESS BEING MADE

In 1992, Yokohama established its Environmental Conservation Department to implement environment-related programs throughout its operations. In the following year, we drew up our Environmental Action Plan, which outlines concrete measures to protect the ozone layer, prevent global warming and reduce our industrial waste. As a result of this plan, we attained our goal of eliminating chlorofluorocarbons (CFCs) and trichloroethane from our manufacturing processes in 1995 and 1996, respectively. In 1996, we also reduced our levels of carbon dioxide emissions, which are believed to be the chief cause of global warming, and industrial waste by 7.9% and 43%, respectively, from 1991 levels.

# **NEW ACTION PLAN**

Based on these achievements, we decided to compile a new action plan in 1998 to further promote in-house environmental protection efforts. The focus of this plan is the reduction of our burden on the environment and the strengthening of our organizational efforts to this end. To reduce the environmental burden of our operations, we committed ourselves to lowering the overall amount of industrial waste we produce, reducing the

final volume of industrial waste to be processed, cutting carbon dioxide and organic solvent emissions and completely eliminating CFC substitutes. The goals for our organizational efforts include earning ISO 14001 environmental management certification for our six plants in Japan by 1999. (See the list below.)

# A VARIETY OF MEASURES

We are devising specific measures to attain the goals of our new action plan. For example, for our tires we adopted Life Cycle Assessment, which quantitatively evaluates a product's environmental impact from the materials procurement and production stages through to usage, disposal and recycling. This assessment is now being applied in our product development. We are also considering the recycling of scrap tires from our plants by processing them into rubber powder. Other efforts being planned include the introduction of cogeneration systems to significantly reduce carbon dioxide emissions, the promotion of environment-friendly materials under a "green procurement" plan and employee education in environmental matters.

# GOALS OF THE NEW ACTION PLAN

# 1. Industrial waste

To be reduced by 30% from the 1996 level by the end of the year 2000  $\,$ 

# 2. Industrial waste processing

To be reduced by 50% from the 1996 level by the end of the year 2000

# 3. Carbon dioxide emissions

To be returned to the 1990 level by the year 2000

# 4. CFC substitutes

To be eliminated completely by the year 2005

# 5. Organic solvent discharge

To be reduced by 30% from the 1995 level by the end of the year 2000

# 6. ISO 14001 certification schedule

Mishima Plant June 1998
Mie Plant December 1998
Shinshiro Plant October 1999
Onomichi Plant December 1999
Ibaraki Plant December 1999
Hiratsuka Factory December 1999

# Financial Section

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# Financial Review

# Operating Results

# SALES

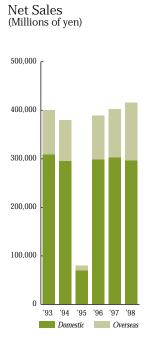
Net sales for fiscal 1998 totaled ¥415,397 million, an increase of 3.2% from fiscal 1997. As the domestic market was hit by an economic slowdown, sales in Japan dropped 2.1% to ¥296,043 million. Overseas sales, boosted by high demand and the depreciation of the yen, amounted to ¥119,354 million, a 19.2% increase. The ratio of overseas sales to net sales rose to 28.7%, from 24.9% in fiscal 1997.

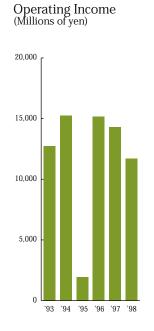
# EXPENSES/EARNINGS

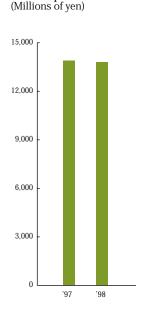
During the year under review, the cost of sales increased 3.4% to \(\frac{1}{2}\)298,551 million. Growth in promotional and distribution expenses, which rose in line with sales growth, pushed up selling, general and administrative expenses, 5.6% to \(\frac{1}{2}\)105,144 million. Operating income amounted to \(\frac{1}{2}\)11,702 million, a drop of 18.2%. In fiscal 1997, we reported other income of \(\frac{1}{2}\)1,013 million, mainly the result of sales of equity in overseas partners totaling \(\frac{1}{2}\)7,639 million. However, in fiscal 1998, owing to the absence of such income we posted \(\frac{1}{2}\)6,082 million in other expenses. As a result of these factors, Yokohama recorded a 63.3% decline to \(\frac{1}{2}\)5,620 million in income before income taxes. Net income dropped 76.7% to \(\frac{1}{2}\)873 million. Primary net income per share of common stock amounted to \(\frac{1}{2}\)2.55, down from \(\frac{1}{2}\)11.14 in fiscal 1997. We declared cash dividends of \(\frac{1}{2}\)8.00 per share, the same amount as the previous year.

# **R&D** EXPENDITURES

In fiscal 1998, Yokohama invested ¥13,800 million in R&D, which was used primarily by YRC to develop new products in the Tire and MB groups and to improve production procedures and facilities. This amount was at the same level as the ¥13,900 million reported in fiscal 1997.







**R&D** Expenditures

# **CAPITAL EXPENDITURES**

Investments of a total of \$30,800 million, up 29.4%, were made, mainly by YRC, to reinforce and streamline production facilities in both the Tire and MB groups.

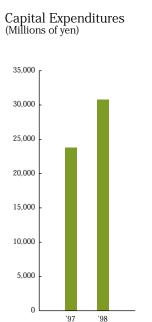
# Financial Position

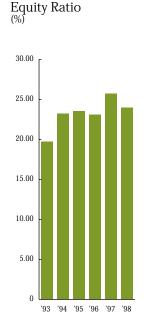
# ASSETS, LIABILITIES AND SHAREHOLDERS' EQUITY

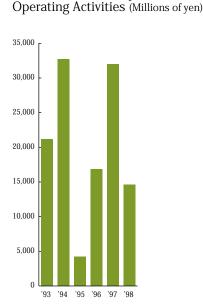
Total assets as of March 31, 1998, stood at ¥440,420 million, an increase of ¥19,481 million. Current assets rose ¥12,699 million, owing in part to a carryover from the management of a March 1998 issue of straight bonds valued at ¥20 billion, which was implemented to prepare for the redemption of ¥14.8 billion worth of convertible bonds due June 1998. Total property, plant and equipment, net, increased ¥9,095 million, owing chiefly to a rise in construction in progress related to the expansion of our sales network and the reinforcement of production facilities, as well as to a significant increase in machinery and equipment. Liabilities increased following the issuance of straight bonds. Total shareholders' equity amounted to ¥105,478 million, down 2.6% from the previous year. The shareholders' equity ratio dropped to 23.9%, from 25.7% in fiscal 1997.

# **CASH FLOWS**

During fiscal 1998, net cash provided by operating activities amounted to \$14,625 million. Under cash flows from operating activities, depreciation totaled \$21,566 million. Net cash used in investing activities totaled \$29,855 million. Net cash provided by financing activities was \$17,305 million. The net increase in cash amounted to \$2,075 million. As a result, cash and time deposits at the fiscal year-end were \$23,462 million.







Net Cash Provided by

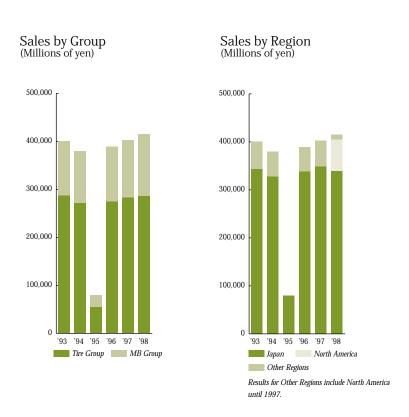
# Segment Information

# **BUSINESS GROUPS**

Despite the economic slowdown and sluggish domestic market, the Tire Group's sales rose 0.7% to ¥286,000 million. This rise is attributable to the addition of sales from a new overseas subsidiary added to the consolidated Group, as well as to the depreciation of the yen, which increased the value of sales in local currencies following conversion into yen. Operating income, however, dropped 34.2% to ¥5,268 million, because of an increase in sales-related expenses, particularly promotion costs. In the MB Group, an increase in exports, supported by the low yen and growth in sporting goods sales, contributed to an 8.9% increase in group sales to ¥129,397 million. The MB Group's operating income rose 31.4% to ¥5,540 million.

### REGIONS

In Japan, the slow economy and sluggish markets resulted in a 2.5% decline in sales to ¥339,882 million. Operating income dropped 19.0% to ¥11,904 million. In North America and other regions, sales amounted to ¥64,966 million and ¥10,549 million, respectively. In North America, we experienced an operating loss of ¥405 million, while we reported operating income of ¥133 million for other regions. As a result, sales outside of Japan rose to ¥75,515 million, compared with ¥53,906 million the previous fiscal year, equivalent to a 40.1% increase. The addition of three subsidiaries outside of Japan to the consolidated Group combined with yen conversion gains to support the increase in these sales. Overseas operating income improved by a total of ¥1,695 million from the previous year. Financial improvements made at YTC contributed to this improvement.



Six-Year Summary

Fiscal years ended March 31, 1998, 1997, 1996 and 1995, and December 31, 1994 and 1993

						Millions of yen
	1998	1997	1996	1995	1994	1993
Net Sales	415,397	402,652	389,304	80,145	379,363	400,192
Sales by Group						
Tires	286,000	283,884	276,003	54,286	271,520	286,805
Multiple Business	129,397	118,768	113,300	25,859	107,842	113,387
Sales by Region						
Japan	339,882	348,746	339,026	80,145	326,922	343,570
North America	64,966	_	_	_	_	_
Other Regions	10,549	53,906	50,277	_	52,440	56,622
Overseas Sales	119,354	100,141	90,350	10,966	84,196	90,789
Operating Income	11,702	14,313	15,155	1,943	15,222	12,734
Income before Income Taxes	5,620	15,326	5,746	205	7,752	5,095
Net Income (Loss)	873	3,753	563	(601)	2,091	(207)
Net Income (Loss) per Share (Yen)	2.55	11.14	1.77	(1.93)	7.18	(0.73)
Cash Dividends per Share (Yen)	8.00	8.00	8.00	2.00	8.00	8.00
Total Assets	440,420	420,939	423,749	407,997	416,351	444,944
Shareholders' Equity	105,478	108,306	97,907	96,012	96,664	87,664
Shareholders' Equity per Share (Yen)	307.88	316.13	302.51	303.21	320.54	308.09
R&D Expenditures	13,800	13,900	_	_	_	_
Capital Expenditures	30,800	23,800	_	_	_	_
Number of Employees	12,325	12,267	12,743	_	13,254	13,663

# Notes:

<sup>1.</sup> The fiscal year ended March 31, 1995, was a special three-month fiscal period resulting from a change in the Company's fiscal year.

<sup>2.</sup> As of fiscal 1997, results for Other Regions included those for North America. However, from fiscal 1998, results for North America have been calculated separately.

 $<sup>3. \</sup> The \ figures \ for \ capital \ expenditures \ and \ R\&D \ expenditures \ have \ been \ reported \ on \ a \ consolidated \ basis \ since \ fiscal \ year \ 1997.$ 

# **Consolidated Balance Sheets**

The Yokohama Rubber Co., Ltd. and Consolidated Subsidiaries As of March 31, 1998 and 1997  $\,$ 

	Million	Thousands of U.S. dollars (Note 1)	
Assets	1998	1997	1998
Current Assets:			
Cash and time deposits (Note 4)	¥ 23,462	¥ 21,387	\$ 177,742
Marketable securities (Note 4)  Trade receivables:	29,213	27,000	221,311
Notes and accounts (Notes 4 and 6)	104,892	106,477	794,636
Unconsolidated subsidiaries and associated companies	8,236	9,158	62,394
Allowance for doubtful receivables	(4,096)	(4,121)	(31,030)
Inventories (Note 3)	63,913	60,015	484,189
Deferred income taxes	4,899	3,767	37,114
Other current assets	14,283	8,420	108,205
Total current assets	244,802	232,103	1,854,561
Property, Plant and Equipment, at Cost (Notes 4 and 5):  Land  Buildings and structures  Machinery and equipment  Construction in progress	29,694 100,331 297,700 10,930	27,562 95,777 282,429 5,341	224,955 760,083 2,255,303 82,803
	438,655	411,109	3,323,144
Less accumulated depreciation	(284,683)	(266,232)	(2,156,689)
Total property, plant and equipment, net	153,972	144,877	1,166,455
Investments and Other Assets:			
Investment securities:			
Unconsolidated subsidiaries and associated companies	6,202	7,775	46,985
Other	1,879	1,839	14,235
Long-term loans receivable	4,884	7,246	37,000
Other investments and other assets	25,820	22,468	195,606
Allowance for doubtful receivables	(536)	(564)	(4,061)
Total investments and other assets	38,249	38,764	289,765
Foreign currency translation adjustments	3,397	5,195	25,734
Total	¥ 440,420	¥ 420,939	\$ 3,336,515

	Million	ns of yen	Thousands of U.S.dollars (Note 1)
Liabilities and Shareholders' Equity	1998	1997	1998
Current Liabilities:			
Bank loans	¥122,460	¥133,609	\$ 927,727
Current maturities of long-term debt (Note 4)	23,021	7,965	174,402
Commercial paper	10,500	3,000	79,545
Trade notes and accounts payable	71,730	68,239	543,409
Accrued income taxes	2,665	7,288	20,189
Accrued expenses	19,431	19,649	147,205
Other current liabilities	14,378	11,742	108,924
Total current liabilities	264,185	251,492	2,001,401
Long-term debt (Note 4)	53,151	43,854	402,659
Other long-term liabilities	4,573	3,960	34,644
Liabilities for severance benefits	11,718	12,046	88,773
Deferred income taxes	234	331	1,773
Minority interests	1,081	950	8,189

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# Shareholders' Equity:

Common	stoc	k:
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Authorized: 480,000,000 shares Issued: 1998-342,598,162 1997-342,598,162 38,909 38,909 294,765 Capital surplus 31,893 31,893 241,614 Legal reserve (Note 8) 8,293 7,967 62,826 Retained earnings (Note 9) 26,383 29,537 199,871 Total shareholders' equity 105,478 108,306 799,076 ¥440,420 ¥420,939 \$3,336,515

# **Consolidated Statements of Income**

The Yokohama Rubber Co., Ltd. and Consolidated Subsidiaries For the years ended March 31, 1998, 1997 and 1996

		Millions of yen		Thousands of U.S. dollars (Note 1)
	1998	1997	1996	1998
Net sales	¥415,397	¥402,652	¥389,304	\$3,146,947
Cost of sales	298,551	288,800	277,401	2,261,750
	116,846	113,852	111,903	885,197
Selling, general and administrative expenses	105,144	99,539	96,748	796,545
Operating income	11,702	14,313	15,155	88,652
Other income (expenses):				
Interest income and dividends received	1,103	1,449	1,278	8,356
Interest expense	(5,533)	(5,790)	(6,272)	(41,917)
Other-net	(1,652)	5,354	(4,415)	(12,515)
	(6,082)	1,013	(9,409)	(46,076)
Income before income taxes Income taxes (Note 2):	5,620	15,326	5,746	42,576
Current	5,945	10,229	5,670	45,038
Deferred · · · · · · · · · · · · · · · · · · ·	(1,111)	(221)	(214)	(8,417)
	4,834	10,008	5,456	36,621
Minority interests in net income of				
consolidated subsidiaries	22	(47)	(16)	167
Amortization of excess of cost over				
net assets acquired, net	(34)	(1,632)	(19)	(258)
Equity in earnings of unconsolidated				
subsidiaries and associated companies	99	114	308	750
Net income	¥ 873	¥ 3,753	¥ 563	\$ 6,614
Per share amounts:		Yen		U.S. dollars
Net income: Primary	¥2.55	¥11.14	¥1.77	\$0.02
Net income: Fully diluted	_	¥11.10	¥1.76	_
Cash dividends	¥8.00	¥8.00	¥8.00	\$0.06

# Consolidated Statements of Shareholders' Equity The Yokohama Rubber Co., Ltd. and Consolidated Subsidiaries For the years ended March 31, 1998, 1997 and 1996

		Millions of yen			
	Shares of common stock	Common stock	Capital surplus	Legal reserve	Retained earnings
Balance at March 31, 1995	316,655,465	¥32,510	¥25,494	¥7,508	¥30,500
Decrease resulting mainly from changes in					
equity in consolidated subsidiaries	_	_	_	(25)	(169)
Net income	_	_	_	_	563
Cash dividends paid	_	_	_	_	(1,583)
Directors' and statutory auditors' bonuses	_	_	_	_	(17)
Transfer to legal reserve	_	_	_	175	(175)
Common stock issued upon exercise of warrants	6,987,208	1,723	1,723		_
Foreign currency translation adjustments	_	_			(320)
Balance at March 31, 1996	323,642,673	34,233	27,217	7,658	28,799
Increase resulting from changes in					
equity in consolidated subsidiaries	_	_		5	
Net income	_	_			3,753
Cash dividends paid	_	_			(2,636)
Directors' and statutory auditors' bonuses	_	_	_		(75)
Transfer to legal reserve	_	_	_	304	(304)
Common stock issued upon exercise of warrants	18,955,489	4,676	4,676		_
Balance at March 31, 1997	342,598,162	38,909	31,893	7,967	29,537
Decrease resulting from changes in					
equity in consolidated subsidiaries	_	_	_		(885)
Net income	_	_	_	_	873
Cash dividends paid	_	_	_		(2,741)
Directors' and statutory auditors' bonuses	_	_	_	_	(75)
Transfer to legal reserve	_	_	_	326	(326)
Balance at March 31, 1998	342,598,162	¥38,909	¥31,893	¥8,293	¥26,383

	Thousands of U.S. dollars (Note 1)			
	Common stock	Capital surplus	Legal reserve	Retained earnings
Balance at March 31, 1997	\$294,765	\$241,614	\$60,356	\$223,765
Decrease resulting from changes in				
equity in consolidated subsidiaries	_	_	_	(6,705)
Net income	_	_	_	6,614
Cash dividends paid	_	_	_	(20,765)
Directors' and statutory auditors' bonuses	_	_	_	(568)
Transfer to legal reserve	_	_	2,470	(2,470)
Balance at March 31, 1998	\$294,765	\$241,614	\$62,826	\$199,871

# **Consolidated Statements of Cash Flows**

The Yokohama Rubber Co., Ltd. and Consolidated Subsidiaries For the years ended March 31, 1998, 1997 and 1996

		Millions of yen		Thousands of U.S. dollars (Note 1)
	1998	1997	1996	1998
Operating Activities:				
	¥ 873	¥ 3,753	¥ 563	\$ 6,613
Adjustments to reconcile net income to net cash:				
Depreciation	21,566	21,167	21,146	163,378
Provision for severance benefits, less payments	(328)	141	480	(2,485)
Equity in earnings of unconsolidated subsidiaries				
and affiliates, net	99	(114)	(308)	750
Deferred income taxes — non-current	<b>(70)</b>	(111)	(18)	(530)
Increase (decrease) in working capital:				
Trade notes and accounts receivable	(2,213)	(2,021)	(7,951)	(16,765)
Inventories	(3,898)	556	(5,270)	(29,530)
Other current assets	(2,690)	5,008	(4,315)	(20,378)
Notes and accounts payable	3,491	(2,460)	8,832	26,446
Other current liabilities	(2,205)	6,080	3,655	(16,704)
Net cash provided by operating activities	14,625	31,999	16,814	110,795
Investing Activities:				
Additions to property, plant and equipment	(27,060)	(20, 323)	(20,015)	(205,000)
Increase in investments	(553)	(2,763)	(4,463)	(4,189)
Proceeds from sales of investment securities				
and properties	2,052	7,542	5,618	15,545
Other, net	(4,294)	(6,626)	1,417	(32,530)
Net cash used in investing activities	(29,855)	(22,170)	(20,277)	(226,174)
Financing Activities:				
Increase in short-term bank loans and current				
maturities of long-term debt	(10,893)	(15,212)	36,437	(82,523)
Increase (decrease) in commercial paper	7,500	3,000	(8,000)	56,818
Proceeds from long-term debt	33,644	8,420	1,018	254,878
Decrease in long-term debt	(10,205)	(10,900)	(27,466)	(77,310)
Common stock issued upon exercise of warrants	_	9,351	3,446	_
Payment of cash dividends	(2,741)	(2,635)	(1,583)	(20,765)
Net cash provided by (used in) financing activities	17,305	(7,976)	3,852	131,098
Increase in cash	2,075	1,853	389	15,719
Cash at beginning of year	21,387	19,534	19,145	162,023
Cash and time deposits at end of year	¥ 23,462	¥21,387	¥ 19,534	\$177,742

# **Notes to Consolidated Financial Statements**

The Yokohama Rubber Co., Ltd. and Consolidated Subsidiaries

# 1. Basis of Presenting Financial Statements

The accompanying consolidated financial statements of The Yokohama Rubber Co., Ltd. (the "Company") have been prepared in accordance with accounting principles and practices generally accepted in Japan and have been compiled from the consolidated financial statements filed with the Ministry of Finance in Japan.

In preparing these statements, certain reclassifications and rearrangements have been made to the consolidated financial statements prepared domestically in order to present these statements in a form which is more familiar to readers outside Japan. In addition, the accompanying notes include additional information which is not required under accounting principles and practices generally accepted in Japan.

The U.S. dollar amounts included herein are solely for the convenience of the reader and have been translated from the Japanese yen amounts at the rate of \(\frac{\pmathbf{4}}{132.00} = \text{U.S.} \(\frac{\pmathbf{5}}{1}\), the approximate exchange rate prevailing on March 31, 1998.

# 2. Summary of Significant Accounting Policies

# (1) Principles of Consolidation

The accompanying consolidated financial statements include the accounts of the Company and all its significant majority-owned domestic and foreign subsidiaries (together, the "Companies"). Investments in unconsolidated subsidiaries and associated companies (companies owned 20% to 50%) are accounted for by the equity method of accounting.

All significant intercompany transactions and balances have been eliminated. The excess of the cost of the Companies' investment in subsidiaries and associated companies over their equity in the net assets at the dates of acquisition was not material and has been fully amortized as incurred.

# (2) Foreign Currency Translation

Current foreign currency receivables and payables are translated at the year-end rates, and non-current receivables and payables at historical rates.

# (3) Marketable Securities and Investment Securities

Marketable securities are carried at the lower of cost or market and investment securities are carried at cost. Costs are determined by the moving average method.

## (4) Inventories

Inventories are stated at cost determined by the moving average method, except that the finished products of certain subsidiaries are valued by the most recent purchase price method.

# (5) Allowance for Doubtful Receivables

Allowance for doubtful receivables is provided at an estimated amount of probable bad debts plus the maximum amount which could be deductible under the Japanese income tax law.

# (6) Depreciation

Depreciation of property is computed principally by the declining-balance method based on the estimated useful lives of the respective assets.

# (7) Liabilities for Severance Payments and Employee Benefit Plans

Employees who terminate their services with the Companies are, under most circumstances, entitled to lump-sum severance payments determined by reference to their current basic rate of pay and length of service. The Companies generally provide for this liability at 40% of the amount (the maximum amount permitted to be deducted for income tax purposes) which would be required to be paid if all employees voluntarily terminated their service at the balance sheet date.

The Company and certain consolidated subsidiaries have non-contributory pension plans for their termination caused by age limit. Payments to the pension fund are charged to income when made.

The liabilities also include provisions for retirement payments for directors and statutory auditors determined according to the Company's internal rules.

In addition to providing pension and severance plan benefits, certain subsidiaries sponsor several unfunded defined benefit postretirement plans which provide certain health care and life insurance benefits to eligible employees and, in 1993, adopted Statement of Financial Accounting Standard No.106, "Employers' Accounting for Postretirement Benefits Other Than Pensions."

# (8) Income Taxes

Income taxes in Japan comprise a corporation tax, enterprise tax and prefectural and municipal inhabitants' taxes.

The income tax effect of timing differences resulting from the elimination of intercompany profits and other consolidation entries is recognized as deferred income taxes. Although current and deferred enterprise tax is charged to selling, general and administrative expenses in conformity with accounting practices in Japan, a reclassification has been made to present income taxes in their entirety in the accompanying consolidated financial statements.

Enterprise tax for 1996, 1997 and 1998 totaled ¥1,135 million, ¥2,123 million and ¥928 million (\$7,030 thousand), respectively.

# (9) Revenue Recognition

Sales of products are recognized in the accounts upon shipments to customers.

# (10) Research and Development Costs

Research and development costs are charged to income as incurred.

# (11) Net income (loss) per share

The computation of net income per share is based on the weighted average number of shares outstanding.

# (12) Leases

Finance leases, other than those lease agreements which stipulate the transfer of ownership of the leased property, are accounted for as operating leases.

# 3. Inventories

Inventories at March 31, 1998 and 1997 consisted of the following:

	Million	Millions of yen	
	1998	1997	1998
Finished products	¥48,035	¥44,743	\$363,902
Work in process	7,930	7,359	60,076
Raw materials and supplies	7,948	7,913	60,212
	¥63,913	¥60,015	\$484,189

# 4. Long-term Debt

Long-term debt at March 31, 1998 and 1997 consisted of the following:

	Millions of yen		Thousands of U.S. dollars	
	1998	1997	1998	
1.7% convertible bonds due 1998	¥14,800	¥14,800	\$112,121	
2.65% straight bonds due 2004	10,000	-	75,758	
2.175% straight bonds due 2002	10,000	-	75,758	
Loans, principally from banks and				
insurance companies	41,372	37,019	313,424	
	76,172	51,819	577,061	
Less current maturities	23,021	7,965	174,402	
	¥53,151	¥43,854	\$402,659	

Assets pledged to secure bank loans and long-term debt at March 31, 1998 and 1997 were as follows:

	Million	Millions of yen	
	1998	1997	1998
Time deposits	¥ 18	¥ 40	\$ 13 <b>6</b>
Marketable securities	331	331	2,508
Notes receivable	1,119	568	8,477
Property, plant and equipment	_ 86,283	86,232	653,659
	¥87,751	¥87,171	\$664,780

# 5. Depreciation

Depreciation charges were as follows:

		Millions of yen			
	1998	1997	1996	1998	
Selling, general and administrative expenses	¥ 2,342	¥ 2,202	¥ 2,425	\$ 17,742	
Manufacturing costs	¥19,224	¥18,965	¥18,721	\$145,636	

# 6. Contingent Liabilities

Contingent liabilities at March 31, 1998 and 1997 were as follows:

	Millions	s of yen	Thousands of U.S. dollars	
	1998	1997	1998	
Notes discounted and endorsed	¥3,196	¥2,734	\$24,212	
Guarantees	¥5,625	¥1,922	\$42,614	

# 7. Leases

Annual rental expenses for the year ended March 31, 1998 were ¥1,113 million (\$8,432 thousand).

# 8. Legal Reserve

The Commercial Code of Japan provides that an amount equal to at least 10% of the amount paid as appropriations of retained earnings, including cash dividends and directors' and statutory auditors' bonuses paid, shall be appropriated as a legal reserve until such reserve equals 25% of capital stock. This reserve may be used to reduce a deficit or may be transferred to capital stock, but is not available for distribution as dividends. The legal reserve includes a proportionate share of the changes in the legal reserves of consolidated subsidiaries since their respective dates of acquisition.

# 9. Retained Earnings and Dividends

The amount of retained earnings available for dividends under the Commercial Code of Japan is based on the amount stated in the non-consolidated financial statements of the Company. Dividends are approved by the shareholders at a meeting held subsequent to the fiscal year to which the dividend is applicable. In addition, a semiannual interim dividend may be made by a resolution of the Board of Directors, subject to the limitations imposed by the Commercial Code.

On June 26, 1998, the shareholders authorized payment of a cash dividend to shareholders of record on March 31, 1998 of \$5.00 (\$0.04) per share, or a total of \$1,712 million (\$12,970 thousand).

# 10. Segment Information

The business and geographical segment information for the Company and its consolidated subsidiaries for the years ended March 31, 1998 and 1997 is outlined as follows:

<b>Business Segments</b>		Year ended March 31, 1998				
	Tires	Multiple Business	Total	Eliminations	Consolidated	
		Milli	ons of yen			
Sales to third parties	¥ 286,000	¥129,397	¥415,397	_	¥415,397	
Intergroup sales and transfers	126	8,900	9,026	¥(9,026)	_	
Total sales	286,126	138,297	424,423	(9,026)	415,397	
Operating expenses	280,858	132,757	413,615	(9,920)	403,695	
Operating income	¥ 5,268	¥ 5,540	¥ 10,808	¥ 894	¥ 11,702	
Total assets	¥ 292,743	¥114,428	¥407,171	¥33,249	¥ 440,420	
Depreciation	¥ 17,314	¥ 4,009	¥ 21,323	¥ 243	¥ 21,566	
Capital expenditure	¥ 19,569	¥ 6,465	¥ 26,034	¥ 1,195	¥ 27,229	
		Thousands	s of U.S. dolla	nrs		
Sales to third parties	\$2,166,667	Thousand: \$ 980,280	s of U.S. dolla \$3,146,947	nrs —	\$ 3,146,947	
Sales to third parties Intergroup sales and transfers	\$2,166,667 954			9 (68,378)	\$ 3,146,947	
•		\$ 980,280	\$3,146,947	_	\$ 3,146,947 ————————————————————————————————————	
Intergroup sales and transfers	954	\$ 980,280 67,424	\$3,146,947 68,378	\$ (68,378)		
Intergroup sales and transfers Total sales	954 2,167,621	\$ 980,280 67,424 1,047,704	\$3,146,947 68,378 3,215,325	\$ (68,378) (68,378)	3,146,947	
Intergroup sales and transfers Total sales Operating expenses	954 2,167,621 2,127,712	\$ 980,280 67,424 1,047,704 1,005,735	\$3,146,947 68,378 3,215,325 3,133,447	\$ (68,378) (68,378) (75,152)	3,146,947 3,058,295	
Intergroup sales and transfers Total sales Operating expenses Operating income	954 2,167,621 2,127,712 \$ 39,909	\$ 980,280 67,424 1,047,704 1,005,735 \$ 41,969	\$3,146,947 68,378 3,215,325 3,133,447 \$ 81,878		3,146,947 3,058,295 \$ 88,652	

		Year ended	l March 31, 19	97	
	Tires	Multiple Business	Total	Eliminations	Consolidated
		Milli	ons of yen		
Sales to third parties	¥ 283,884	¥118,768	¥402,652	_	¥ 402,652
Intergroup sales and transfers	128	7,949	8,077	¥(8,077)	_
Total sales	284,012	126,717	410,729	(8,077)	402,652
Operating expenses	276,010	122,502	398,512	(10,173)	388,339
Operating income	¥ 8,002	¥ 4,215	¥ 12,217	¥ 2,096	¥ 14,313
Total assets	¥ 279,607	¥108,070	¥387,677	¥33,262	¥420,939
Depreciation	¥ 17,485	¥ 3,453	¥ 20,938	¥ 229	¥ 21,167
Capital expenditure	¥ 16,387	¥ 3,717	¥ 20,104	¥ 212	¥ 20,316

Geographical Areas	Year ended March 31, 1998						
	Japan	North America	Other	Total	Eliminations	Consolidated	
	Millions of yen						
Sales to third parties	¥339,882	¥64,966	¥10,549	¥415,397	_	¥415,397	
Intergroup sales and transfers	22,436	2,818	_	25,254	Y(25,254)	<u> </u>	
Total sales	362,318	67,784	10,549	440,651	(25,254)	415,397	

68,189

¥ (405)

10,416

¥ 133

429,019

¥ 11,632

(25, 324)

70

403,695

¥ 11,702

350,414

¥ 11,904

Operating expenses
Operating income (loss)

	Thousands of U.S. dollars					
Sales to third parties	\$2,574,863	\$492,167	\$79,917	\$3,146,947	_	\$3,146,947
Intergroup sales and transfers	169,970	21,348	_	191,318	\$(191,318)	
Total sales	2,744,833	513,515	79,917	3,338,265	(191,318)	3,146,947
Operating expenses	2,654,652	516,583	78,909	3,250,144	(191,849)	3,058,295
Operating income (loss)	\$ 90,181	\$ (3,068)	\$ 1,008	\$ 88,121	\$ 531	\$ 88,652

	Year ended March 31, 1997					
	Japan	Foreign	Total	Eliminations	Consolidated	
	Millions of yen					
Sales to third parties	¥348,746	¥53,906	¥402,652	_	¥402,652	
Intergroup sales and transfers	13,155	1,068	14,223	¥(14,223)	_	
Total sales	361,901	54,974	416,875	(14,223)	402,652	
Operating expenses	347,211	56,941	404,152	(15,813)	388,339	
Operating income (loss)	¥ 14,690	¥(1,967)	¥ 12,723	¥ 1,590	¥ 14,313	

Overseas Sales	Year en	ded March 31	l March 31, 1998	
	North America	Other	Total	
	Millions of yen (Thousands of U.S. dollars)			
(A) Overseas sales	¥68,101	¥51,253	¥119,354	
	\$(515,917)	\$(388,280)	\$(904,197)	
(B) Net sales			¥415,397	
			\$(3,146,947)	
(C) (A)/(B) $\times$ 100	16.4%	12.3%	28.7%	

Overseas sales, which include export sales of the Company and its domestic consolidated subsidiaries and sales (other than exports to Japan) of its foreign consolidated subsidiaries, totaled \$100,141 million (\$807,589 thousand), or 24.9% of consolidated net sales, for the year ended March 31,1997.

# Report of Independent Certified Public Accountants



HIBIYA KOKUSAI BUILDING
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CHIYODA-KU TOKYO
100-0011, JAPAN,
PHONE: 03-3503-1100
TELEX: 02224127 SACTOK J

The Board of Directors
The Yokohama Rubber Co., Ltd.

We have examined the consolidated balance sheets of The Yokohama Rubber Co., Ltd. and consolidated subsidiaries as of March 31, 1998 and 1997, and the related consolidated statements of income, shareholders 'equity and cash flows for the years ended March 31, 1998, 1997 and 1996 expressed in Japanese yen. Our examinations were made in accordance with auditing standards generally accepted in Japan and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the financial statements referred to above, expressed in Japanese yen, present fairly the financial position of The Yokohama Rubber Co., Ltd. and consolidated subsidiaries at March 31, 1998 and 1997 and the results of their operations and their cash flows for the years ended March 31, 1998, 1997 and 1996, in conformity with accounting principles generally accepted in Japan applied on a consistent basis.

The U.S. dollar amounts in the accompanying consolidated financial statements with respect to the year ended March 31, 1998 are presented solely for convenience. Our examination also included the translation of Japanese yen amounts into U.S. dollar amounts and, in our opinion, such translation has been made on the basis described in Note 1 to the consolidated financial statements.

Tokyo, Japan June 26, 1998

# **Corporate Data**

as of March 31, 1998

COMPANY NAME: The Yokohama Rubber Company, Limited

ESTABLISHED: October 13, 1917

PAID-IN CAPITAL: ¥38,909 million

HEAD OFFICE: 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685, Japan PRODUCTION FACILITIES: Hiratsuka Factory and Mie, Mishima, Shinshiro, Ibaraki and

Onomichi plants

# Stock Information

AUTHORIZED NUMBER OF SHARES: 480,000,000

ISSUED NUMBER OF SHARES: 342,598,162 (unchanged from fiscal 1997 year-end)

NUMBER OF SHAREHOLDERS: 17,496 (up 2,808 from fiscal 1997 year-end)

AVERAGE SHARES PER SHAREHOLDER: 19,582

# Composition of Shareholders

Classification	Number of shareholders	Number of shares	Ratio
Individual & Other	16,786	45,909,191	13.40%
Central and Local Governments	1	1,000	0.00
Financial Institutions	107	168,582,682	49.21
Other Domestic Corporations	355	97,988,672	28.60
Overseas Shareholders	168	27,881,203	8.14
Securities Companies	79	2,235,414	0.65
Total	17,496	342,598,162	100.00

# Investor Information

SETTLEMENT DATE: March 31
GENERAL MEETING OF SHAREHOLDERS: June

TRANSFER AGENT: The Chuo Trust & Banking Co., Ltd.

7-1, Kyobashi 1-chome, Chuo-ku, Tokyo, Japan

DATE OF RECORD: March 31

# Board of Directors and Corporate Auditors

as of June 26, 1998

CHAIRMAN: Kazuo Motoyama

President: Seiji Hagiwara

EXECUTIVE DIRECTOR: Yasuo Tominaga Tire Group President and CEO, Yokohama Tire Corporation

MANAGING DIRECTORS: Ryohei Tsunokuma Tire Group Vice President, TPM Promotion and Original Equipment Tire Sales Div.

Kenzo Nakanishi Corporate Finance & Accounting Dept., Internal Audit Dept.

and Corporate Purchasing Dept.

Tadahiro Ikeda Tire Production Technology Development Dept.

Hiroshi Hirakawa New Business Development Dept., Intellectual Property Dept.,

Environmental Conservation Dept., Hiratsuka Factory and R&D Group

Toshihiko Hiyama Tire Overseas Sales Div.

Yoshiro Naitoh Multiple Business Group and Sports Group

DIRECTORS: Kazuhisa Akutagawa Business Process Reengineering Dept., MIS Dept.

and Tire Logistics Control Dept.

Atsushi Furukoshi MB Production Div.
Hisao Suzuki Tire Domestic Sales Div.
Koji Ikawa Tire Production Div.

Masaaki Kushida MB Planning Div.

Yasuyuki Ohno Secretariat, Corporate Planning Dept., Corporate Personnel Dept.,

Human Resources Development Dept. and Corporate General Affairs Dept.

Keimei Kiyoura Corporate Communications Dept. and Tire Planning Div.

Kazuo Okamoto Tire Technical Div. and TCT Development Dept.

Noriaki Tateno Corporate Purchasing Dept. Koji Amano MB Products Development Div.

Seiji Miyashita Tire Domestic Sales Div.

Takashi Yamashita Tire Marketing Div.

CORPORATE AUDITORS: Eika Yamagata

Susumu Fukuda Yasuyuki Wakahara Kengo Tomomatsu

# Network

# Overseas Representative Offices

# Düsseldorf Europe Head Office

Hansaallee 201, D-40549 Düsseldorf, F. R. GERMANY Tel: (0211)5374050 Fax: (0211)53740523

### **Jeddah Office**

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## **Riyadh Office**

C/O Mitsubishi Corporation Services Office, P.O. Box 3254, Riyadh 11471, SAUDI ARABIA Tel: 966-1-4774470 Ext 34 Fax: 966-1-4788847

### **Dubai Office**

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# Panama Office

Edificio Banco Central,  $4^{\rm o}$  Piso, Av. S, Lewis, Y Calle G Ortega, P.O. Box 9882, PANAMA 4, REP. de PANAMA Tel: 269-4545 Fax: 264-6538

### **Singapore Office**

50 Raffles Place, #22-05, Singapore Land Tower, SINGAPORE 048623 Tel: 226-1022 Fax: 221-9722 Tlx: 25763 YRC SIN

# **Seattle Office**

6406 South 196th Street Kent, WA 98032-1169, U.S.A. Tel: 253-395-9487 Fax: 253-395-9488

# Overseas Subsidiaries and Affiliates YOKOHAMA TIRE CORPORATION

Corporate Headquarters & Western Division

601 South Acacia Avenue, Fullerton, CA 92831, U.S.A. Tel: (714)870-3800 Fax: (714)870-3899

Toll Free: (800)423-4544

Southern Division

2800 Vista Ridge Drive Suwanee, GA 30174, U.S.A. Tel: (770)271-0900 Fax: (770)932-0560

Toll Free: (800)241-7051

 $Northern\ Division$ 

6101 Cane Run Road, Louisville, KY 40258, U.S.A. Tel: (502)933-5600 Fax: (502)937-8961

Toll Free: (800)368-8852

Plant

1500 Indiana Avenue, Salem, VA 24153, U.S.A. Tel: (540)389-5426 Fax: (540)375-0213

# YOKOHAMA TIRE (CANADA) INC.

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2445 Canoe Avenue, Coquitlam, B.C. V3K 6A9, CANADA

Tel: (604)464-6700 Fax: (604)464-6080

Toll Free: 1-800-661-4033

Western Regional Office & Distribution Center

2445 Canoe Avenue, Coquitlam, B.C. V3K 6A9, CANADA

Tel: (604)464-6554 Fax: (604)464-6380

Toll Free: 1-800-663-8464

Central Regional Office & Distribution Center

6310 B Vipond Drive Mississauga, Ontario L5T 1G2, CANADA

Tel: (905)795-0800 Fax: (905)795-0105

Toll Free: 1-800-387-4924

Eastern Regional Office & Distribution Center

10555 Henri-Bourassa Blvd. West, Saint-Laurent, Quebec H4S 1A1, CANADA

Tel: (514)332-9656 Fax: (514)332-8476

Toll Free: 1-800-361-9444

# YOKOHAMA TIRE PHILIPPINES, INC.

1E5, Clark Special Economic Zone Clark Field, Pampanga, PHILIPPINES

Tel: 63-45-599-3603~9 Fax: 63-45-599-3613

### YOKOHAMA TYRE VIETNAM COMPANY

Room 1906-07, Saigon Trade Center Building, 37 Ton Duc Thang Street, District 1st, Ho Chi Minh City, VIETNAM

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# GTY TIRE COMPANY

Head Office

General Tire

1800 Continental Blvd. Charlotte, NC 28273, U.S.A.

Plant

General Tire Mount Vernon Plant Highway 142 South, Mount Vernon, IL 62864-0022, U.S.A. Tel: (618)242-7100 Fax: (618)242-8977

# YOKOHAMA TYRE AUSTRALIA PTY., LTD. (A.C.N 001-361 459) Head Office

123-129 Silverwater Road, Silverwater, N.S.W. 2128, AUSTRALIA

[P.O. Box 6002, Silverwater, N.S.W. 2128, AUSTRALIA] Tel: (02)9647-2606 Fax: (02)9648-4786

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[P.O. Box 800, Archerfield, QLD. 4108, AUSTRALIA] Tel: (07)3275-2322 Fax: (07)3277-5340

# North Queensland

76 Leyland Street, Garbutt, Townsville, QLD. 4810, AUSTRALIA

[P.O. Box 5523 MSO, Townsville, QLD. 4108, AUSTRALIAI

Tel: (07)4725-5477 Fax: (07)4725-2510

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Tel: 026-6605555 Fax: 026-6603465

### YOKOHAMA SCANDINAVIA AB

Box 910, Spjutvagen 7, S-175 29 Jarfalla, SWEDEN Tel: 08-445-7888 Fax: 08-761-7075

### YOKOHAMA FRANCE S.A.

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Tel: 01-39928222 Fax: 01-39883024

# YOKOHAMA REIFEN GmbH

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### YOKOHAMA AUSTRIA GmbH

Kolbegasse 66, A-1230 Wien, AUSTRIA Tel: 01-616315013 Fax: 01-616315090

### YOKOHAMA DANMARK A/S

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Tel: 2-2356-8528 Fax: 2-2391-9242

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# YOKOHAMA CORPORATION OF NORTH AMERICA

Head Office

1500 Indiana Avenue, Salem, VA 24153, U.S.A.

# YOKOHAMA RUBBER (THAILAND) CO., LTD.

Head Office

14F/C-3 Thosapol Land 3 BLDG. 947 MOO 12 Bangna-Trad Road, KM3 Bangna Prakanong, Tel: 2-361-8821 Fax: 2-361-8824

## Plant

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Tel: 38-954-625 Fax: 38-954-635

# SAS RUBBER COMPANY

474 Newell Street, Painesville, OH 44077, U.S.A. Tel: (440)352-3321 Fax: (440)352-6975

# PRGR USA CORPORATION

3051 Fujita Street, Torrance, CA 90505, U.S.A. Tel: (310)534-3700 Fax: (310)534-5622