

Corporate Profile

Dedication to quality since 1907

2005



Mt.Fuji and Cherry blossoms in full bloom



At the outset of our Corporate Profile 2005, I would like to touch upon the current market environment. The Japanese economy as a whole has been showing moderate signs of recovery during 2004, with a large number of corporations reporting improved business results. Above all, the social role of disaster prevention and crisis management business, in which we are engaged, is gaining unprecedented recognition due to the frequent occurrence of large-scale natural disasters and international acts of terrorism.

In recent years the government has been taking initiatives to deal with these risks and threats by enhancing and aligning necessary countermeasures, and by implementing corresponding legal frameworks and systems to protect the public. The role of the self-defense force has been expanded, the function of police forces has been enhanced, and the equipment of emergency fire response teams and voluntary firefighting organizations are to be upgraded further. In addition to the actions taken by the government, commercial industries and private households have also accelerated measures to enhance their own disaster prevention facilities.

Turning our attention to the textile industry, consumers have continued to support linen as the superior natural textile. Consequently, the demand for high quality linen products has been increasing steadily.

Ninety-seven years have passed since our foundation, and we are making a continuous effort to strengthen further our business structure ahead of our forthcoming Centenary in 2007. As a result, TEISEN has achieved another remarkable success in fiscal year 2004, recording our sixth consecutive increase in consolidated ordinary income over the previous year. There is no doubt that these results should be attributed to our valued customers, namely, the users of the products that we supply, as well as to our supportive overseas partners, with whom we are closely connected with mutual trust. I would like to express our sincere gratitude towards them for their continuing patronage and kind support.

March 2005

To contribute to a safer society and a higher standard of living

社会の安全、生活文化の向上に 貢献する企業を目指して

TOP MANAGEMENT MESSAGE

Tokiaki Iida
President and CEO
帝国繊維株式会社
取締役社長 飯田時章



平素は格別のご高配を賜り、厚く御礼申し上げます。

2005年版の「Corporate Profile」をお届けするにあたり、一言ご挨拶申し上げます。

当期におけるわが国経済は、企業収益が順調に推移し、緩やかな回復が続いています。

防災業界におきましては、世界的規模で多発する大規模自然災害、国際的なテロ・ゲリラの頻発など社会的なリスクが広がるなかで、その事業の社会的重要性が益々高まっています。ここ数年、国の対応も、有事法制の整備や消防関係法の改定など、こうしたリスクに対応できる法制面での枠組みの整備や強化、執行面での体制の充実、予算面での補強など、対策は急ピッチに進められてきました。

自衛隊の担う役割の拡大、警察の機能強化、常備消防・消防団・自主防災組織の充実などに加え、民間企業の自衛体制の強化や、家庭の災害への備えも加速される方向にあります。

また、繊維業界、就中麻業界におきましては、優れた天然繊維素材である麻そのものに対する根強い人気は継続しており、良質な麻二次製品に対する一過性でない底固い需要は広く消費者に浸透しつつあります。こうした中、創立97年を迎えた当社は、来るべき2007年の創立100周年に向けて、一層強靱な企業体質と確固たる経営基盤の確立を目指して全社一丸となって取組んで参りました。その結果、当期の決算は、連結・単体とも増収増益となったほか、連結ベースでは6期連続の増益という輝かしい結果を残すことが出来ました。

これもひとえに、日頃当社製品をご愛顧頂いているユーザーの皆様と優れた製品を提供いただいている海外パートナー各社のご支援の賜物であり、改めて厚く御礼申し上げます。

TEISEN was incorporated nearly 100 years ago as the first and largest linen spinning company in Japan. Since then, under its corporate mission of "contributing to a safer society and a higher standard of living", TEISEN has played an active role in the modernization of Japan by rendering services to the society and the country as a whole through its business activities.

TEISEN and its group companies remain committed to :
(1) Establishing a high value-added, niche Fiber and Textile Business through development of consumer-oriented linen products and diversification of applications for highly-advanced fibers and materials, and
(2) Developing a full-fledged Disaster Prevention and Preparedness Business, not only in the sphere of firefighting and rescue, but also in overall crisis and consequence management, by offering comprehensive solutions to protect life and property and to ensure security and safety.

In the field of Fiber and Textile Business, TEISEN makes every effort to enrich the quality of life through increased use of linen and linen products. In addition, it develops new applications in niche markets for advanced

textiles incorporating heat resistance, high strength, and antistatic properties.

Meanwhile, in the area of Disaster Prevention and Preparedness Business, TEISEN, being the pioneer in developing firefighting hose, has been contributing to firefighting and disaster prevention in Japan for nearly a century. Nowadays, TEISEN has an established position in the traditional disaster prevention business, including firefighting and rescue. Furthermore, as social risks and threats of disaster become more complex and widespread, it is working on the development of highly specialized businesses, such as NBC and HazMat response. At present, TEISEN has a strong position in the market as a manufacturer and distributor of firefighting hose, as well as rescue and NBC vehicles, and as an importer and distributor of disaster prevention and NBC equipment, offering over 4,000 individual products. Through its nearly 100 years of history, TEISEN has built up strong relationships and trust with governmental agencies and major corporations throughout Japan.

**TEISEN will strive to be a company
that stands out from the rest,
that continues to develop and grow, and
that makes a lasting contribution to society and the public**

CORPORATE OUTLINE

**一味ちがった優れた企業
発展し成長を続ける企業
社会や公共に大きく貢献する企業の実現に向けて**

●約100年前に、日本で最初かつ最大の麻紡績会社として誕生したテイセンは、創業時から受け継がれた「社会の安全、生活文化の向上に貢献する企業」を基本理念とし、事業を通じて広く社会や国に貢献してまいりました。

テイセンの目指す主な事業分野は、以下の二つの分野です。

- (1) 麻素材を活かした消費者向け製品の開発や、高機能繊維の用途開発など付加価値の高い繊維事業を確立すること
- (2) 消火・救助・救急・危険物処理など、生命財産を守り安全に備える専門性の高い防災総合事業を拡充すること

●繊維事業の分野では、当社の企業史そのものである麻素材を、広く生活文化の中で育て、普及させる努力を重ねると共に、耐熱・耐切創・高強度・制電など、高機能繊維の用

途開発・拡販など、ニッチマーケットでのビジネス拡大にも注力しています。また、防災事業の分野では、わが国で初めて消防ホースを開発し、約1世紀にわたり消防・防災事業に貢献するなど、消火・救急・救助など従来からの防災事業分野では確固たる地位を築き上げております。更に、昨今の複雑化し大規模化する災害や社会的リスクに対応、危険物処理・危機管理など装備の高度化に対応できる専門性の高い事業の開発・確立にも鋭意取り組んでおります。現在当社は、4,000アイテムを超える防災資機材と防災特殊車輛を製造、輸入、販売する企業として、防災市場で強力な地位を確立しています。100年にわたる製品供給を通じ、ユーザーである官公庁、主要企業との間に強力な信頼関係を築いて今日に至っています。

DISASTER PREVENTION AND PREPAREDNESS BUSINESS (防災事業)

Imported goods are marked with an asterisk(*).

Fire Fighting Equipment and Systems 消防用装備品・システム

- Fire Hoses** Fire Fighting Hose
Large Diameter Hose
Fire Hydrant Hose
- Fire Fighting Systems** *High Pressure Extinguishing System
*Compressed Air Foam System
*Large Volume Water Supply & Discharge System



Search and Rescue Equipment 救助・探査用装備品

- Rescue Equipment** *Hydraulic Rescue Tool
*Chain Saw & Diamond Chain Saw
*Air Lifting Bag
- Search Equipment** *Victim Location System
*Thermal Imager

Anti-NBC Terrorism & Hazmat NBC・ハズマツト装備品

- Detection** *Detector (Nuclear/Biological/Chemical)
*Meteorological Station/NBC Dispersion Model
- Protection** *Self-Contained Breathing Apparatus
*Chemical Protective Suits
- Decontamination** *Decontamination Shower/System
- Other Equipment** *Recovery Pump



Information Technology Systems 情報通信システム

- Satellite Communication System
Other IT Systems

Rescue and Special Purpose Vehicles 救助工作車等特殊車両

- Rescue Vehicles** Rescue Vehicles
Rescue Support Vehicle
Police Rescue Vehicle
- Special Purpose Vehicles** Container Vehicles
All Ground Vehicle
*Air Crash Tender
*Large Volume Water Supply System Vehicle
NBC & HazMat Vehicle



FIBER & TEXTILE BUSINESS (繊維事業)

Manufacturing & Importing

Linen & Ramie Products 麻製品

Textiles Yarn, Fabric, Home Linen Products, Uniform, Work Wear, Tent etc.

Uniforms & Advanced Textiles 制服・作業服・機能繊維製品

- Textiles** Yarn, Fabric, Uniform, Work Wear
- NOMEX®** Heat Resistant Uniform & Protective Clothing, Fire Hose etc.
- KEVLAR®** Protective Clothing, Gloves etc.
- Electy®** Antistatic Workwear & Cleanroom Garments, Fire Hose etc.

Industrial Materials & Others 産業資材・その他

Industrial Textile Materials Truck Hood, Tent etc.

NOMEX®, KEVLAR®: DuPont registered Trademarks



ISO 9001

TEISEN has obtained the first ISO9001 certifications of fire fighting hoses in Japan, and is conducting its entire business, including design, development, manufacturing and maintenance service, under the ISO quality control standard. ISO9001 certifications have also been obtained for rescue vehicles and advanced textile products as well as rescue equipment and systems. TEISEN provides high quality service, maintenance and repair of imported products at its ISO-certified factories.

当社は、日本で最初に消防用ホースのISO9001の認証を取得し、設計・開発から製造・アフターサービスにわたる全業務をISOの品質管理基準の下に行っております。

防災車両、機能繊維製品の製造や資機材・機器についても同様にISO9001の認証を得ており、当社が輸入した製品の受け入れ・メンテナンス・修理等についても、この認証取得工場での高いサービスを提供致しております。





Protecting safe and
secure life of the people
安全・安心な暮らしを守る

OUR MAIN BUSINESS

DISASTER PREVENTION AND PREPAREDNESS BUSINESS (防災事業)

Fire Fighting Equipment and Systems (消防用装備品・システム)

Fire Hoses	Fire Fighting Hose Large Diameter Hose Fire Hydrant Hose
Fire Fighting Systems	High Pressure Extinguishing System Compressed Air Foam System Large Volume Water Supply & Discharge System

Search and Rescue Equipment (救助・探査用装備品)

Rescue Equipment	Hydraulic Rescue Tool Chain Saw & Diamond Chain Saw Air Lifting Bag
Search Equipment	Victim Location System Thermal Imager

Anti-NBC Terrorism & Hazmat (NBC・ハズマツト装備品)

Detection	Detector (Nuclear/Biological/Chemical) Meteorological Station/NBC Dispersion Model
Protection	Self-Contained Breathing Apparatus Chemical Protective Suits
Decontamination Other Equipment	Decontamination Shower/System Recovery Pump

Information Technology Systems (情報通信システム)

Satellite Communication System Other IT Systems
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Rescue and Special Purpose Vehicles (救助工作車等特殊車輛)

Rescue Vehicles	Rescue Vehicles Rescue Support Vehicle Police Rescue Vehicle
Special Purpose Vehicles	Container Vehicles All Ground Vehicle Air Crash Tender Large Volume Water Supply System Vehicle NBC & HazMat Vehicle

Concerning disaster prevention operations in our country, the social concern is on the rise in the area of disaster prevention and crisis management. That includes preparedness for terrorism and specific disasters, in addition to large-scale natural disasters such as earthquakes, floods, tsunamis and also large-scale industrial disasters such as fires at petrochemical complexes and factories. The government as well as public bodies have also reinforced measures and policies to prevent disasters. The role of disaster prevention activities "protecting safe and secure life of the people" and "protecting properties" has become more and more important.

In order to respond to such demand of our times, our group is striving to establish comprehensive and highly specialized business for disaster and crisis management. We will enhance our traditional activities involving fire fighting, rescue and emergency care. At the same time, we will focus on intensifying, enhancing and expanding comprehensive and highly specialized disaster and crisis management business that can respond to upgraded equipment, hazardous material handling, crisis management, etc., to protect against increasingly complex and large-scale disasters and social risks.

防災事業の分野では、地震・洪水・津波などの大規模自然災害、石油コンビナート・工場火災などの大規模な企業災害のほか、テロなど特殊災害への対応など、防災・危機管理に対する社会の関心はますます高まりつつあり、国や公共団体などの施策も強化されてきています。「安全・安心な暮らしを守る」「生命・財産の安全を守る」防災事業の役割はますます重要になってきています。

こうした時代の要請に応えるため、当社グループといたしましては、総合的で専門性の高い防災・危機管理事業の確立に向けて努力しています。消火・救助・救急にかかわる従来からの事業を磨き上げると共に、複雑化し、大規模化する災害や社会的リスクにそなえ、危険物処理、危機管理など装備や運用の高度化に対応できる総合的で専門性の高い防災・危機管理事業の深化・充実・拡大に注力して参ります。



Fire Fighting Equipment and Systems

(消防用装備品・システム)

■ Fire Hoses (消防ホース)



Fire Fighting Hose (消防用ホース)

TEISEN, had produced the first fire fighting hose in Japan. It is the most experienced and the biggest fire fighting hose manufacturer in Japan.

1903年、日本で最初に消防ホースを製造・開発し、今なお、最も伝統のある消防ホースメーカーとしてトップシェアを維持しています。



Large Diameter Hose (大量送水用大口径ホース)

TEISEN offers large-diameter hoses with a diameter of up to 300mm. The elastic polyurethane coated hoses minimize the pressure loss, while covered fire hoses are free of maintenance.

300ミリまでの大口径ホースは最も圧力損失の少ないウレタン樹脂引きです。両面樹脂引きタイプはメンテナンスフリーです。



Fire Hydrant Hose (消火栓用ホース)

TEISEN building hose is the top brand of a hydrant hose. Semi-rigid hoses of a maximum of 40 mm in diameter ensure little pressure loss and compact storage.

キンバイビルホースは消火栓ホースのトップブランドです。40ミリまでの保形ホースは低圧損で、コンパクトに収納することができます。



■ Fire Fighting Systems (消防用システム)

Compressed Air Foam System (圧縮空気泡消火装置)

CAFS is the new fire-extinguishing technology which enables to produce fine foam and reduce the amount of water damage, while extending the throw range by mixing compressed air with foam solution.

CAFSはホース内で混合した水・泡剤・圧縮空気を放水ノズルから放射することにより良質な細かい泡と大射程が得られ、水損を軽減できる次世代の消火方法です。



CAFS retro fit type



Back pack CAFS



CAFS:5bar

Foam:5bar(従来型)

High Pressure Extinguishing System (高圧消火装置)

The UHP250 of MINIMAX is ultra-high pressure and fogging extinguishing equipment.

It is effective not only for initial fires but for fires in closed spaces, such as an automobile fires and an underground fires.

MINIMAX社のUHP250は超高圧、少量噴霧の消火装置です。初期火災や自動車火災、地下火災など閉鎖空間での火災に威力を発揮します。



Large Volume Water Supply & Discharge System (大量送水・放水システム)

The vehicles equipped with Long Distance Large Volume Water Supply Systems (HYDROSUB SYSTEMS) supply a large volume of water as much as 3,500 liters per minute from the sea, lake or river that is not accessible by traditional fire-engines. A single set of system using a large diameter hose (150~300m/m) will be able to serve disaster scenes such as earthquake, forest fire, oil tank fire or eruption fire that require large volume of water for fire extinguishing or cooling. These vehicles have already been delivered to Tokyo Fire Department, etc., and are actively deployed in large-scale disasters, etc, as mobile water supply. They are also deployed to drain flood or supply potable water.

遠距離大量送水システム車=ハイドロサブシステム車=は、震災、林野火災、石油タンク火災、噴火災害など大量の消火用水や冷却用水を必要とする遠距離(2000m以上)の災害現場へ、大容量の水を送ることができます。僅か1セットのシステムで従来の消防車では接近困難な海水、湖水、河川等の水源から大口径ホース(150mm~300mm)を使用して、毎分3500Lの送水が可能です。既に東京消防庁等に納入し、移動式水源として大規模災害等に出動し活躍しています。

また、水害時の排水活動や発災後の避難民の飲料水や生活用水の給水活動にも貢献しています。



Hydrosub pump unit
大量送水システム・ポンプユニット



Hose recovery unit
大量送水システム・ホース回収車



Search and Rescue Equipment

(救助・探査用装備品)

Rescue Equipment (救助用資機材)

Hydraulic Rescue Tool (油圧救助器具)

Hydraulic rescue tools made by Lukas in Germany are widely used in Japan not only by rescue squads of fire departments but also by the police and armed forces.

ドイツのルーカス社製油圧救助器具は日本の消防救助隊のみならず、警察・防衛庁にも広く採用されています。

Package Lukas
パッケージルーカス
(RSL-2型)



Air Lifting Bag (エアバッグ)

VETTER RESCUE AIR JACK (MIGHTY BAG) is an air jack system to safely rescue people by removing heavy obstacles that interfere rescue activities in various disaster scenes and is deployed by rescue teams of firefighting organizations, police and Self Defense Force of our country, playing an important role in rescuing human life. VETTER'S MIGHTY BAG is employed by firefighting organizations, police and rescue teams of more than 80 countries and is known as the rescue tool for its past performances and reliability.

フェッター・空気式救助マット・マイティバッグは、各種災害現場で救出、救助活動を妨げている重量障害物を移動排除し、要救助者を安全に救出できる“エアージャッキ”システムです。我が国の消防、警察、自衛隊の救助隊では必携装備品として各地の災害救助に出動し、人命救助に貢献しています。

また、フェッターの“マイティバッグ”は世界80ヶ国以上の消防や警察の救助隊が採用し、信頼と実績を有する救助器具です。



Chain Saw & Diamond Chain Saw (チェーンソー／ダイヤモンドチェーンソー)

Bullet Chain Saw made by Edge Industries in USA is designed to cut lumber in which nails are driven. When combined with a small water-cooled pump, the diamond chain saw can easily cut even a reinforced concrete.

ブレットチェーンソーは特殊加工したカーバイドチップを使用しており、木造建築に含まれる釘などの金属の切断も可能です。ダイヤモンドチェーンソーは、鉄筋入りコンクリートも簡単に切断できます。



Search Equipment (探査用資機材)

Thermal Imager (熱画像カメラ)



Victim Location System (画像探索機)



Anti-NBC Terrorism & Hazmat

(NBC・ハズマツ装備品)

TEISEN has been introducing NBC and other latest HazMat equipment from overseas with a focus on three main areas; - detection, protection and decontamination.

テイセンはテロ災害を含むNBC関連の特殊災害にも対応、検知・防護・除染の3分野における最新の資機材を先進各国から導入しています。

■ Detection (検知用資機材)

Chemical Analyzer (化学剤分析器)



Biological Detector (生物剤検知器)



Chemical and Biological Analyzer (化学・生物剤分析器)



Chemical Detector (化学剤検知器)



Biological Collector (生物剤集塵器)



Meteorological Station/ NBC Dispersion Model (気象ステーション、NBCシミュレーションソフト)



■ Protection (防護用資機材)

Chemical Protective Suits (化学防護服)

Self-Contained Breathing Apparatus (自給式空気呼吸器)



Protective Mask with Multi Canister (マルチ吸収缶付き防毒マスク)



■ Decontamination (除染用資機材)

Decontamination Shower/System (除染シャワー／テント除染装置)



■ Other Equipment (その他資機材)

Recovery Pump (流出油回収装置)



Information Technology Systems

(情報通信システム)

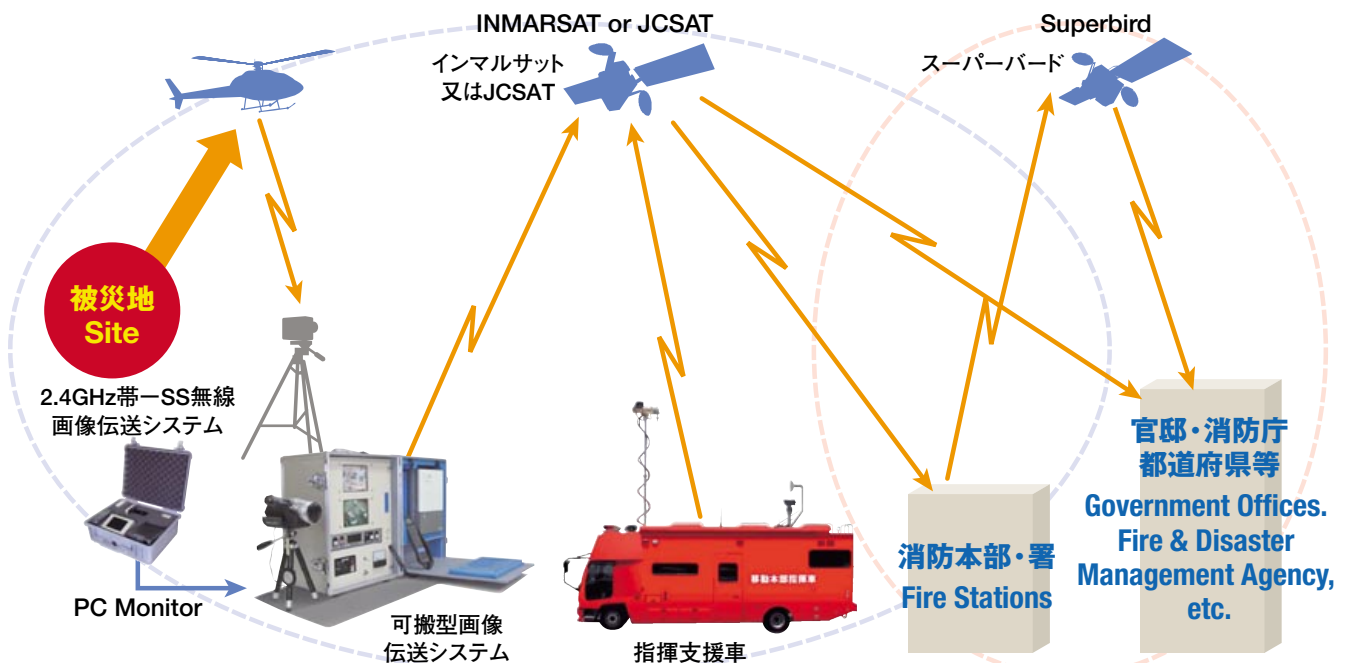
TEISEN introduces IT devices, such as breathing apparatus with IT system manufactured by Scott Health & Safety, chemical search engine and satellite communication system into fire departments.

The market of the fire-rescue equipment with IT system has been growing.

テイセンはIT化された空気呼吸器や化学薬品検索システムのほか、衛星通信ネットワークシステムの消防本部への導入を開始しています。

IT化された消防機器は新たな市場を創成します。

Satellite Communication System (画像伝送システム)



Rescue and Special Purpose Vehicles

(救助工作車等特殊車輛)

■ Rescue Vehicles (救助工作車)

Rescue Vehicle (Type II) (救助工作車)

TEISEN's rescue vehicles are equipped with the best rescue tools from all over the world, including a device such as the winch made by Rotzler in Germany, a hydraulic system driven by PTO to operate high-pressure fire extinguishing equipment made by Minimax in Germany, and rescue tools made by Lukas and so on.

TEISEN is manufacturing support vehicles, power supply/lighting vehicles, air charging vehicles and rescue vehicles for the police as well as the above-mentioned rescue vehicles.

テイセンの救助工作車には世界中から選りすぐった救助器具が積載されています。具体的には、ドイツ・ロツラー社のウインチや、ドイツ・ミニマックス社の高圧消火装置のほかルーカス社のレスキューツールを車輛のPTO動力で作動させる油圧発生装置も備えています。テイセンは救助工作車のほかに支援車、電源照明車、空気充填車、警察用工作車等も製造しています。



Heavy Rescue Vehicle (救助工作車)



Search & Rescue Vehicle (Type III) (救助工作車)



Rescue Support Vehicle (支援車)



Police Rescue Vehicle (警察用救助車)



■ Special Purpose Vehicles (特殊車輛)

Air Crash Tender (空港用化学消防車)

As domestic airports have been expanded following the increase in jet-airplanes, larger airport crash tenders with higher performance have been in demand. TEISEN has been importing and distributing large-scale airport crash tenders manufactured by Rosenbauer in Austria since 1994.

航空機のジェット化による国内空港の拡張で、空港用大型化学消防車 (air crash tender) も、より大型で高性能なものが要求されています。テイセンはオーストリア・ローゼンバウアー社の空港用大型化学消防車の輸入・販売にも進出しています。



All Ground Vehicle (多目的不整地走行車)



Large Volume Water Supply System Vehicle (大量送水システム車)



NBC & HazMat Vehicle (特殊災害対応車)



Container Vehicles (各種コンテナ車)





A scene of flowers on linen fields extending over Normandy, Northern France in June.
6月の北フランス、ノルマンディーに広がるリネン畑の花景色



A Comfortable Life with High Quality Linen

高品質なリネンのある快適生活

OUR MAIN BUSINESS

FIBER & TEXTILE BUSINESS

(繊維事業)

Yarn, Fabric,
Home Linen Products,
Uniform, Work Wear,
Tent etc.

Linen & Ramie Products (麻製品)

Textiles Yarn, Fabric, Home Linen Products, Uniform,
Work Wear, Tent etc.

Uniforms & Advanced Textiles (制服・作業服・機能繊維)

Textiles Yarn, Fabric, Uniform, Work Wear
NOMEX® Heat Resistant Uniform & Protective Clothing,
Fire Hose etc.

KEVLAR® Protective Clothing, Gloves etc.

Electy® Antistatic Workwear & Cleanroom Garments,
Fire Hose etc.

Industrial Materials & Others (産業資材・その他)

Industrial Textile Materials Truck Hood, Tent etc.
NOMEX®, KEVLAR®:DuPont registered Trademarks

TEISEN, now approaching its centenary year, has played an important role as the pioneer of the linen industry in Japan. TEISEN introduced linen, nature's strongest fiber from Europe, and started its fiber business in Hokkaido, a cold district in northern Japan. The history of Japan's linen industry may be regarded as the history of TEISEN.

We have devoted ourselves to the promotion of linen and to supplying a wide variety of linen products, hoping that the comfort and excellence of high-quality linen will be appreciated by all. One example is TEISEN's "Home Linen" which includes a complete range of linen products for the home, from dining room to kitchen, bathroom to bedroom, people will be able to experience the luxury of high-quality linen.



まもなく創業100年を迎えるテイセンは、日本の麻産業の発展にパイオニア的役割を果たしてきました。自然界で最も強靱な繊維である亜麻(リネン)を欧州より導入し、寒冷の地 北海道に国策的産業として亜麻繊維事業をスタートさせました。

日本のリネン産業の歴史はテイセンの歴史ともいえます。我々は、高品質なリネンの心地よさ、素晴らしさを全ての方に知って頂きたい、その普及に全力で取組むとともに、その様々な製品を供給しております。その一つがここにご紹介するダイニングからキッチン・バス・ベッドルームに至るまで、数々のリネン製品による質の高い生活を実感できるホームリネンなのです。



**Club
Herdman**
BY TEISEN
THE IRISH LINEN

Champs de Lin

Linen & Ramie Products

(麻製品)



Photograph courtesy of Northern Ireland Tourist Board & T.Ferguson Irish Linen



Uniforms & Advanced Textiles

(制服・作業服・機能繊維)

From the beginning of the 20th century, TEISEN has supplied uniforms to the armed forces, police, fire departments, other government organizations and municipal offices. TEISEN has consolidated its footing in the field of special uniform made of advanced fibers and industrial materials. Working in a partnership with DuPont that spans over 30 years, TEISEN has developed the aramid fiber business and used Nomex[®] and Kevlar[®] fibers and other technologies to further expand this market.

NOMEX[®] and KEVLAR[®] are DuPont registered trademarks.

20世紀初頭から、防衛庁・警察・消防など官公庁向けユニフォーム納入では大きな実績を収めています。

また、機能繊維を素材とした特殊ユニフォーム分野及び産業資材用途の開発でも、市場での確固たる地位を築いてまいりました。

30年に及ぶデュポン社とのパートナーシップでノーマックス[®]及びケブラー[®]のアラミド事業の展開をはかり、さらにノーマックスオメガ[®]システムなどの最新テクノロジーを使用した商品開発を積極的に進めています。

●ノーマックス[®]、ノーマックスオメガ[®]、ケブラー[®]はデュポン社の登録商標です。



To evaluate and demonstrate the thermal protection provided by NOMEX[®], DuPont tests firefighters' uniforms and industrial workwear on THERMO-MAN[®], a life-size mannequin, equipped with 122 thermal sensors, which assesses the performance of garments under realistic flash fire conditions (temperatures up to 1000°C). The sensors record temperature rise on the surface of the mannequin wearing a NOMEX[®] protective garment. A computer calculates the predicted percentage of second and third -degree burns that a human body wearing that clothing would incur.

ノーマックス[®]の熱防護性能を評価し論証するために、デュポン社では、122個の熱センサーをそなえた等身大のマネキンであるサーモマン[®]で、消防用防護服や産業用作業服をテストします。

サーモマン[®]により、実際のフラッシュファイアーの状態(最高で1000°C)での防護服の性能を評価することができます。熱センサーは、ノーマックス[®]製の防護服を着せたマネキンの表面の温度上昇を測定します。

そしてコンピューターが、実際に人間がその防護服を着用していた場合負うであろうと予想される二度火傷と三度火傷の割合を計算します。



Rescue uniforms
救助服

Turnout gear
防火服

Station uniforms
活動服

Cleanroom garments
無塵服

General purpose uniforms
各種制服



Industrial Materials & Others

(産業資材・その他)

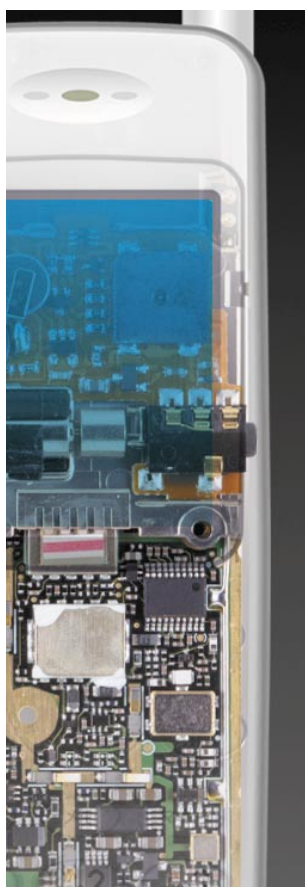
With the emergence of advanced textiles, the product market using advanced textiles in industrial applications has been expanding on a large scale. Textiles that have characteristics such as heat resistance, flame resistance, high tenacity and anti-static qualities are also essential in the area of industrial materials and parts for the manufacture of personal protective equipment. They contribute greatly to improving health and safety in the working environment and to enhancing quality and stability of industrial products. TEISEN will continue to respond to the needs of its customers in all these fields by selecting and combining advanced textiles to create functional and practical products.

高機能繊維の登場により、産業用途における繊維製品のニーズは拡大を続けています。耐熱、防炎、高強度、制電性等の特性を持った繊維は熱や炎などから人体を守るほか、工業資材や部品分野においても必要不可欠なものとして、作業環境の改善や安全性を高め、工業製品の品質向上、安定に大きく貢献しています。

弊社が提供する製品は各分野の要望に応えるため、各種素材の選択、複合により実用機能を発揮していきます。

Industrial Textile Materials (産業資材)

Material for P.C.B. production
(プリント基板関連材料)



Material for speaker components
(スピーカー部品材料)



Cut / Heat resistant glove
(保護手袋 [耐熱、耐切創])



Various Tents (各種天幕)



TEIKOKU SEN-I CO., LTD.

C O R P O R A T E D A T A

SALES NETWORK

CORPORATE DATA

ORGANIZATIONAL CHART

CONSOLIDATED BALANCE SHEET

CONSOLIDATED PROFIT AND LOSS ACCOUNT

CONSOLIDATED STATEMENTS OF CASH FLOWS

FINANCIAL HIGHLIGHTS

MAJOR FOREIGN PARTNERS

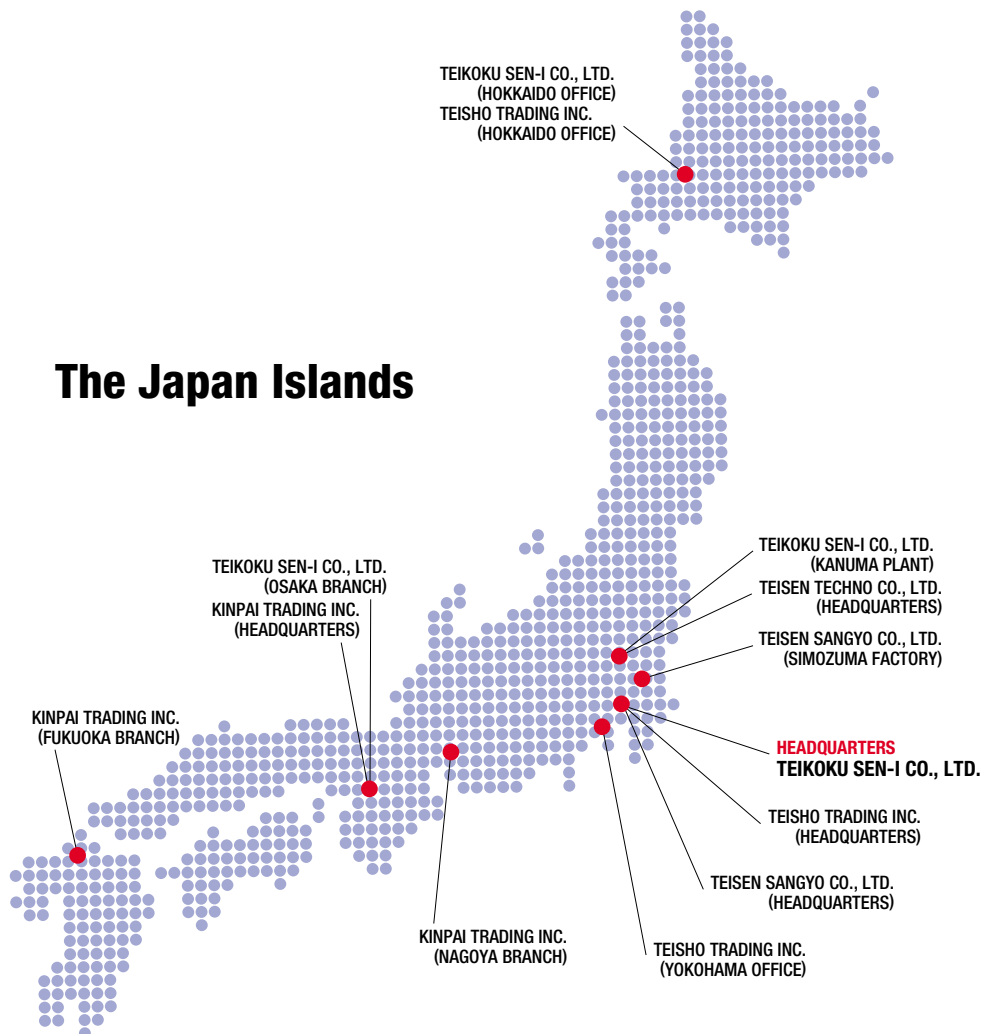
MAJOR CUSTOMERS

SALES NETWORK

TEISEN has more than 100 sales agencies which handle disaster prevention products and equipment all over Japan.

Two wholly-owned subsidiaries, TEISHO Trading Inc. and KINPAI Trading Inc., manage the sales agencies. In addition, TEISEN has its own marketing department to directly promote business to government organizations.

100社を超える特約店の販売ネットワークにより、日本全国で販売できる体制が整っています。特約店の販売活動は、100%子会社2社を通じ、より効率的に行われています。また、中央官庁に対するプロモーションは、本社の販促部隊が直接行っております。



CORPORATE DATA

President & CEO : Tokiaki Iida

Head Office : 5-13, Nihonbashi 2-Chome, Chuo-Ku, Tokyo, Japan

E-mail : teisen-tyo@teisen.co.jp **URL :** http://www.teisen.co.jp

TEL : 81-3-3281-3026 **FAX :** 81-3-3274-6397

• **Osaka Branch :** 2-6, Nonaka-kita 2-Chome, Yodogawa-Ku, Osaka

• **Hokkaido Office :** 1-1-1, Kita Nanajo Higashi, Higashi-ku, Sapporo-Shi, Hokkaido

• **Kanuma Plant :** 197, Fudokoro-honcho, Kanuma-Shi, Tochigi-Ken

Established : July, 1907

Paid-in capital : ¥1,347,420,000

Fiscal period : January 1 to December 31

Number of Employees : 276 (Consolidated basis)

Subsidiaries : 4

Main Shareholders : Sompo Japan Insurance Inc.
Mizuho Corporate Bank., Ltd.
Meiji Yasuda Life Insurance Company
Marubeni Corporation

Listed : The first section of Tokyo, Osaka, and Nagoya Stock Exchanges as well as Sapporo and Fukuoka Stock Exchanges

代表者 : 取締役社長 飯田 時章

本 社 : 東京都中央区日本橋2-5-13

TEL 03-3281-3026 FAX 03-3274-6397

E-mail: teisen-tyo@teisen.co.jp

URL: http://www.teisen.co.jp

• **大阪支店 :** 大阪市淀川区野中北2-2-6

TEL 06-6396-0530

• **北海道営業所 :** 札幌市東区北七条東1-1-1

TEL 011-711-4111

• **鹿沼工場 :** 栃木県鹿沼市府所本町197

TEL 0289-62-2121

創 立 : 1907年7月

資本金 : ¥1,347,420,000

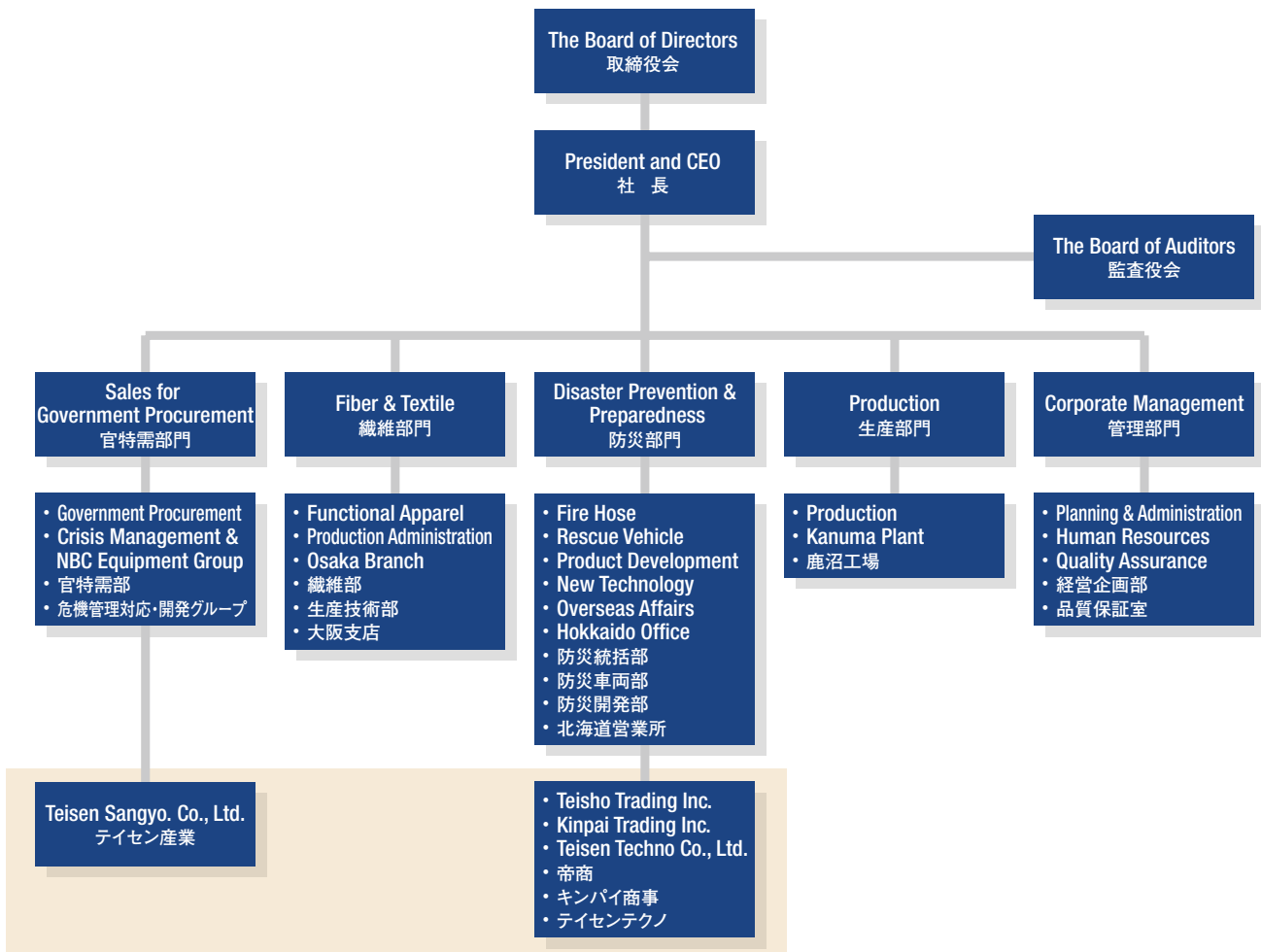
従業員 : 276名(連結ベース)

子会社 : 4社

主たる大株主 : 株式会社損害保険ジャパン
株式会社みずほコーポレート銀行
明治安田生命保険相互会社
丸紅株式会社

上 場 : 東京・大阪・名古屋(各第一部)、札幌、福岡

ORGANIZATIONAL CHART



CONSOLIDATED BALANCE SHEET

(Millions of yen)

Dec-04

ASSETS		LIABILITIES	
Current assets	8,957	Current liabilities	5,461
Cash at bank and in hand	1,221	Accounts and notes payable	4,123
Accounts and notes receivable	5,274	Borrowings	142
Inventories	2,374	Other current liabilities	1,196
Other current assets	88	Long-term liabilities	1,585
Fixed assets	5,941	Borrowings	643
Tangible fixed assets	2,811	Deposits	124
Property and plant	2,463	Other long - term liabilities	818
Machinery, equipment and vehicle	281	TOTAL LIABILITIES	7,046
Other fixed assets	67		
Intangible fixed assets	111		
		SHAREHOLDERS' EQUITY	
Investments	3,019	Share capital	1,347
Investments in securities	1,749	Capital surplus	720
Other investments	1,270	Retained earnings	5,368
		Net unrealized holding gains on securities	511
		Treasury Stock	-94
TOTAL	14,898	TOTAL SHAREHOLDERS' EQUITY	7,852
		TOTAL	14,898

CONSOLIDATED PROFIT AND LOSS ACCOUNT

	Dec-02	Dec-03	Dec-04
Sales	21,906	21,672	25,324
Cost of sales	17,022	16,594	19,164
Gross profit on sales	4,884	5,078	6,160
Selling, general and administrative expenses	2,778	2,819	2,873
Operating income	2,106	2,259	3,287
Non-operating revenues	83	71	82
Non-operating expenses	113	74	60
Ordinary income	2,076	2,256	3,309
Extraordinary income	-	1	-
Extraordinary losses	83	70	711
Income before taxes	1,993	2,187	2,598
Corporate and inhabitant taxes	806	913	1,099
Net income	1,187	1,274	1,499

CONSOLIDATED STATEMENTS OF CASH FLOWS

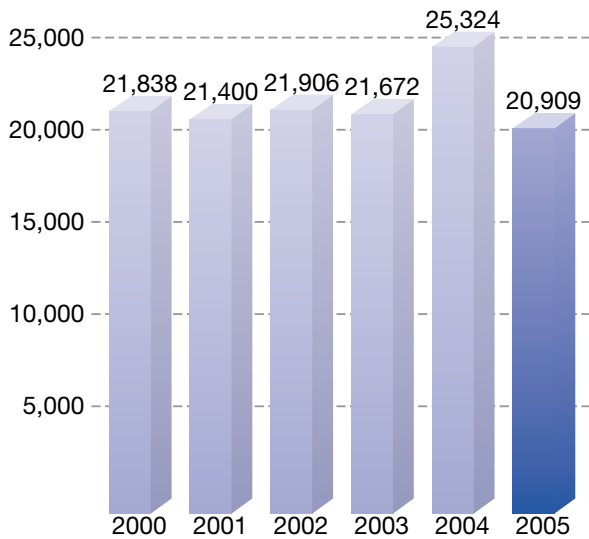
Dec-04

Cash flows from operating activities	
Cash generated from operation	1,517
Income taxes paid	-986
Interest paid	-43
Others	58
Net cash provided by operating activities	546
Cash flows from investing activities	
Purchase of property, plant and equipment	-79
Proceeds from sales of investment securities	2
Others	7
Net cash used in investing activities	-70
Cash flows from financing activities	
Repayment of short-term borrowings	-
Repayment of long-term borrowings	-742
Others	-137
Net cash used in financing activities	-879
Net increase in cash	-403
Cash at beginning of year	1,624
Cash at end of year	1,221

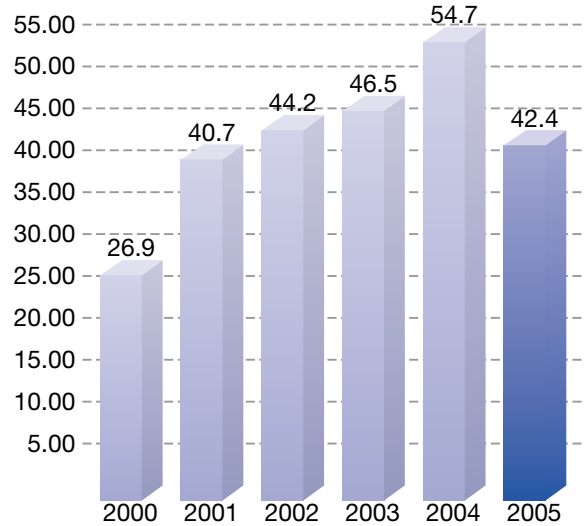
Notes ; The consolidated financial statements include the accounts of TEISEN and four of its wholly-owned subsidiaries.
 TEISHO TRADING INC. Trading (Eastern area of Japan)
 KINPAI TRADING INC. Trading (Western area of Japan)
 TEISEN SANGYO CO.,LTD. Sewing
 TEISEN TECHNO CO.,LTD. Rescue Equipment, Vehicle Manufacturing and Maintenance

FINANCIAL HIGHLIGHTS

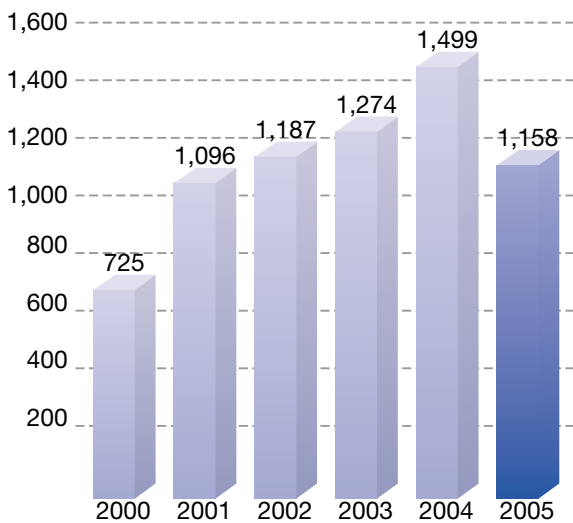
Sales (Millions of yen)



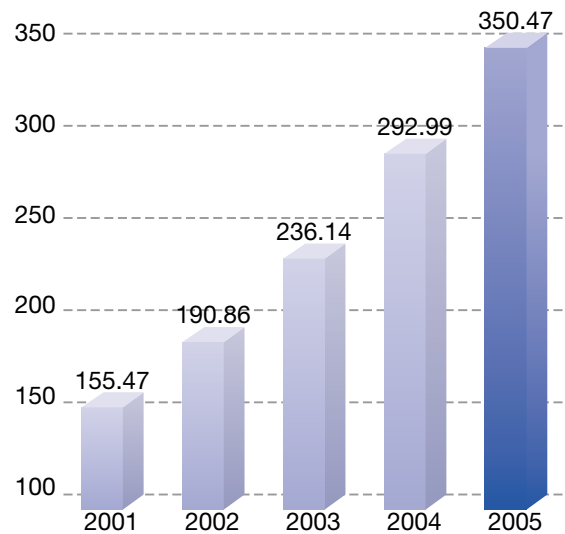
Net income per share (yen)



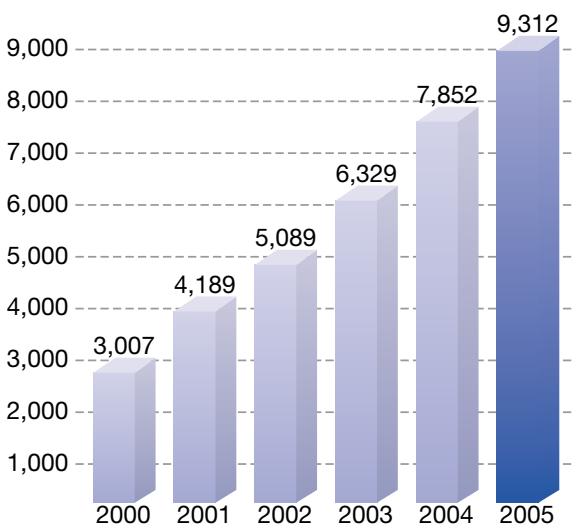
Ordinary profit (Millions of yen)



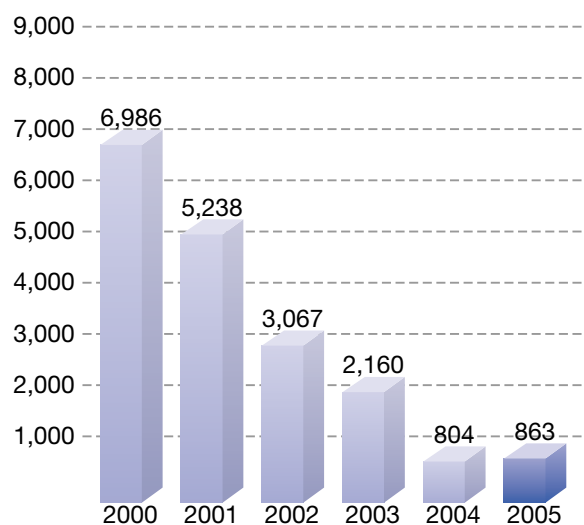
Net income (Millions of yen)



Shareholders' equity (Millions of yen)



Interest-bearing debts (Millions of yen)



Disaster Prevention and Preparedness Business

- AB Precision (Poole) Ltd (U.K.)
- ABS Consulting (U.S.A.)
- Airshore International (Canada)
- Alexeter Technologies LLC (U.S.A.)
- Alfred Karcher GmbH & Co. (Germany)
- CMS Field Products (U.S.A.)
- Coastal Environmental Systems, Inc. (U.S.A.)
- Dr.Lange GmbH & Co.KG (Germany)
- Edge Industries Inc. (U.S.A.)
- Euramco Safety Inc. (U.S.A.)
- Firematic International (U.S.A.)
- GIAT Industries (France)
- Grace Industries, Inc. (U.S.A.)
- Hale Products Europe Ltd. (U.K.)
- Inficon Inc. (U.S.A.)
- Kuiken N.V. (Netherlands)
- Lukas Hydraulik GmbH & Co. KG (Germany)
- Manfred Vetter GmbH & Comp. (Germany)
- Max Widenmann KG (Germany)
- Minimax GmbH (Germany)
- Mustang Survival Corp. (Canada)
- Paul Boyé (France)
- RAE Systems Inc. (U.S.A.)
- Reeves Manufacturing, Inc. (U.S.A.)
- Rosenbauer International A.G. (Austria)
- Rotzler GmbH & Co. (Germany)
- Scott Health & Safety Ltd. (U.K.)
- Search Systems Incorporated (U.S.A.)
- Svenska SKUM AB (Sweden)
- Synodys Group (France)
- TEMET OY (Finland)
- Tetracore Inc. (U.S.A.)
- Thales Industrial Services (France)
- TIPSA (Spain)
- T-Squared Technology, Inc. (U.S.A.)
- Underwater Kinetics (U.S.A.)
- 20/20 Gene Systems, Inc. (U.S.A.) etc.

Fiber and Textile Business

- Dong Yang Textile Mfg. Co., Ltd. (Korea)
- Ibenax Textilwerke Beckmann GmbH (Germany)
- E.I. DuPont (U.S.A.)
- Harbin Linen Group Co., Ltd. (P.R.C.)
- Herdmans Ltd. (U.K.)
- Hunan Textiles Imp. & Exp. Corp. (P.R.C.)
- Lainiere de Picardie (France)
- Lenzing Aktiengesellschaft (Austria)
- LINAS (Lithuania)
- Linificio E Canapificio Nazionale S.P.A. (Italy)
- NV LIBECO•LAGAE S.A. (Belgium)
- Procotex SA Corporation NV (Belgium)
- Royal Ten Gate nv (Netherlands)
- SANECO (France)
- Shanghai Eswell Enterprise Co., Ltd. (P.R.C.)
- Soshu Ohashi Magyo Co., Ltd. (P.R.C.)
- Texlen Linen, a.s. (Czech Republic)
- Thomas Ferguson & Co., Ltd. (U.K.)
- Tyrone Crystal Ltd. (U.K.)
- Ulster Weavers Ltd. (U.K.)
- William Ross & Co. Limited (U.K.)
- Zhejiang Golden Eagle (Group) Ltd. (P.R.C.) etc.

*In alphabetical order

MAJOR CUSTOMERS

Government and Related Institutions

- Defense Agency
- Fire and Disaster Management Agency
- Japan Coast Guard
- Ministry of Justice
- Ministry of Land, Infrastructure and Transport
- National Police Agency
- Postal Services Agency etc.

Prefectural Governments and Related Institutions

- Metropolitan Police Department and all other prefectural Police Departments
- Tokyo Fire Department and all other municipal Fire Departments
- Tokyo Metropolitan Government and all other local Pref. Government & Municipalities etc.

Private Companies

- Honda Motor Co., Ltd.
- Idemitsu Kosan Co.,Ltd.
- Japan Railway group
- Japan Tobacco Inc.
- JFE Holding Inc.
- Matsushita Electric Group
- Marubeni Corporation
- Mitsui Fudosan Co., Ltd.
- Nippon Steel Corporation
- Nippon Telegraph and Telephone Corp.
- Nissan Motor Co.,Ltd.
- Sharp Corporation
- Taisei Corporation
- The Tokyo Electric Power Co., Inc. and other electric power companies
- Toyota Motor Corp. etc.

The year 2004 celebrated the 97th anniversary of Teikoku Sen-I Co., Ltd. (TEISEN) since its inception. Its origin dates back to July 1907, when its father company named "Nihon Seima Co., Ltd." was reformed into TEISEN as the first linen textile business in Japan. As such, the history of TEISEN symbolizes the history of Japan's linen spinning business.

Prior to its inception, in line with the then government's policy to encourage new industries, three linen spinning companies were established at the beginning of the Meiji era. One of them was founded by Old Mr. Zenjiro Yasuda, who had been engaged in the creation of a financial conglomerate. In 1903, Mr. Yasuda, merged those three companies into Nihon Seima. In the same year, Japan's first ever domestic fire hose, made of linen, was produced by this newly established company. The guiding precept of Nihon Seima ---- "our company shall contribute to the enhancement of culture and play a leading role in the development of peace industries in Japan." ---- has passed down to become the basis of TEISEN's present corporate mission.

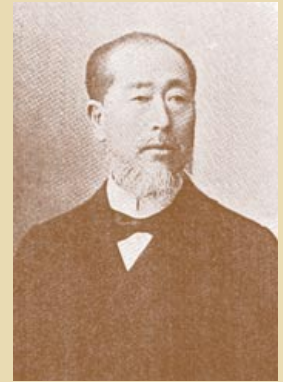
TEISEN has since consistently contributed to the economic growth of Japan throughout the nation's prosperous periods of Meiji, Taisho and Showa eras, carrying out its production

solely utilizing domestically available industrial materials. At its peak the annual production volume of its linen products had reached the level that would outstrip the aggregate production volume of all of Europe as at date.

In 1950 after the World War II, TEISEN became the only target in the fiber and textile industry for the dissolution of conglomerates under the "Economic Decentralization Act". Since then, TEISEN had to go through a period of hardships, due to drastic decline in demand for linen as industrial material in the wake of the shift of demand from natural fiber to synthetic fiber.

As a result, however, of the successful diversification of its business fields over the recent years, TEISEN has re-established the corporate foundation. As always have been the case, TEISEN will continue to carry out their corporate mission; that is "to contribute to a safer society and a higher standard of living"

Founder Zenjiro Yasuda
創業者 安田善次郎



A Century of Service to Contribute to a Safer Society and a Higher Standard of Living

HISTORY OF COMPANY FORMATION TEIKOKU SEN-I CO., LTD.

創業物語

当社創業の歴史は、日本の製麻事業の歴史そのものと言えます。明治のはじめに殖産振興の一環として政府の熱心な働きかけにより、機械紡績による製麻事業が立ち上げられ、三社の製麻会社が設立されました。その一社が安田善次郎翁を創業者とする当社の前身であり、金融事業を核としていた翁にとって当社の創業は、製造事業への初の進出でありました。

日清戦争勃発以降の好不況繰り返しの中で、この事業の持つ国策的重要性を痛感した安田善次郎翁は、大倉喜八郎氏らと各社の合併を提唱、明治三六年「日本製麻株式会社」が設立されました。

その年同社では国産第一号となる消防用ホースを試織しています。その後、明治四十年七月当社の前身である新会社「帝国製麻株式会社」が設立され、わが国に初めて産業としての麻繊維事業が確立しました。

創業時の社訓

「当会社の事業は文化の向上に資し平和産業興隆の一翼をなすものである。これに従事するものは、深くその責任と栄誉を自覚しなければならない」は、現在の当社経営の基本理念に受け継がれています。

その後の「帝国製麻」は、明治・大正・昭和の国運隆盛期を通じて、唯一国産の産業資材の自給を果たすなど、一貫して広く国家的貢献を果たし、最盛期には、現在の全欧を凌駕する生産量を誇るまでになりました。戦後、昭和二十五年には「過度経済力集中排除法」の適用を受け、繊維業界で唯一財閥企業解体の対象となり分割されました。その後は、繊維産業の素材転換（天然繊維から化合繊へ）、産業資材としての麻素材への需要激減などから苦難の歴史を歩むこととなりました。

現在の帝国繊維は、ようやくここ数年の努力が実り、社会的使命をきちんと果しうる事業基盤が築かれてきました。創業時から受け継がれた「社会の安全、生活文化の向上に貢献する企業」を基本理念とし、これからも、

- 一、麻素材を活かした消費者向け製品の開発や、高機能繊維の用途開発など付加価値の高い繊維事業
 - 二、消火・救助・救急・危険物処理など、生命財産を守り安全に備える専門性の高い防災総合事業
- の確立を目指して社会や公共に大きく貢献してまいります。



TEIKOKU SEN-I CO., LTD.

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