SHIN NIPPON MACHINERY CO., LTD.

■TOKYO HEAD OFFICE
ThinkPark Tower, 1-1, Osaki 2-Chome,
Shinagawa-ku, Tokyo, 141-6025, Japan
TEL. +81-3-6737-2630　FAX. +81-3-6866-5120

■OSAKA SALES OFFICE
Sakaisujihonmachi-center Bldg. 1-6, Honmachi 2-chome,
Chuo-ku, Osaka, 541-0053, Japan
TEL. +81-6-4964-6971　FAX. +81-6-4964-6975

■KURE WORKS
2-10, Hirosuehiro 1-chome, Kure-shi, Hiroshima Prefecture,
737-0133, Japan
TEL. +81-823-71-1111　FAX. +81-823-72-5267

●SHIN NIPPON MACHINERY (M) SDN.BHD.
Suite 35A-2, 35th. Floor Empire Tower,
Jalan Tun Pazak 50400 Kuala Lumpur, Malaysia
TEL. +60-3-2166-3172　FAX. +60-3-2166-3171

●AUSTRALIA SERVICE STATION
SUPERIOR MACHINERY IMPORTS PTY. LTD.
8/31 Termins Street, Castle Hill, N. S. W. 2154,
Australia P. O. Box 859
TEL. +61-2-9899-3099　FAX. +61-2-9680-3221

●NORTH AMERICA SERVICE STATION
2509 Canada Blvd Glendale, CA 91208
TEL. +1-818-500-8165　FAX. +1-818-247-5267

●SOUTH AMERICA SERVICE STATION
ENERDYNAMICS LTDA.
CL 151 #9-77, Int. 2, Bosque de Pinos,
Santafe de Bogota D.C. Colombia S.A.
TEL. +57-1-2162664　FAX. +57-1-6277764

●THAILAND SERVICE STATION
198/12-13 (Near Narai Hotel), Silom Road,
BANGKOK 10500, Thailand
TEL. +66-2-234-5326　FAX. +66-2-234-4356

●INDONESIA SERVICE STATION
Perkantoran Puri Niaga Blok K7/1-S JL. Puri Kencana,
Kembangan Jakarta
TEL. +62-21-582-3071

●MIDDLE EAST SERVICE STATION
P.O.Box 5804. Damman 31432. Kingdom of Saudi Arabia
TEL. +96-6-3833-1841　FAX. +96-6-3833-8139

http://www.snm.co.jp/

2008.3.2000

SNM

SHIN NIPPON MACHINERY CO.,LTD.

Company Profile

SHIN NIPPON MACHINERY CO., LTD.

We respond to client needs with solutions based on our unique ideas and technologies.

Energy conservation
High efficiency
Pumping
Recycling
Driving power
Cogeneration
Power generation
Information technology

Customer
Society
Industry
Nature

Coexistence with regional communities
Environmental preservation
Response to globalization

Information

High additive values
Instant supply
Engineering and construction

C S

Low costs
High quality
High quality

Solution
presentation of solution

Quick Response
PRESENTATION

SNM

Steam Turbines
Service Department
Sales Department
Engineering Department
Pumps

SHIN NICHIZO ENGINEERING CO., LTD.

Turbine and pump installation, running tests, maintenance and repair

KYOKUTO SEIKI CO., LTD.

Manufacture, sales, and repair of precision machinery and equipment

We, SNM has been contributing to the prosperity of human andindustrial society by providing the best possible quality of products and services as a manufacturer of steam turbines and pumps.

In a complexed and agile age, human and industrial society request us to create a high value added and new values other than before.

In response, we are trying to depict the future trend of the global scale of such change in society, build a business plan to focus on customer's satisfation and deliver to the customers any value so requested on the basis of our rich sales records and our own technology and know-how.

We, SNM will make our best efforts to contribute to the future development of human and industrial society by utilizing our own creativity and proprietary technology and providing any products and services which will keep pace with the development of such society.

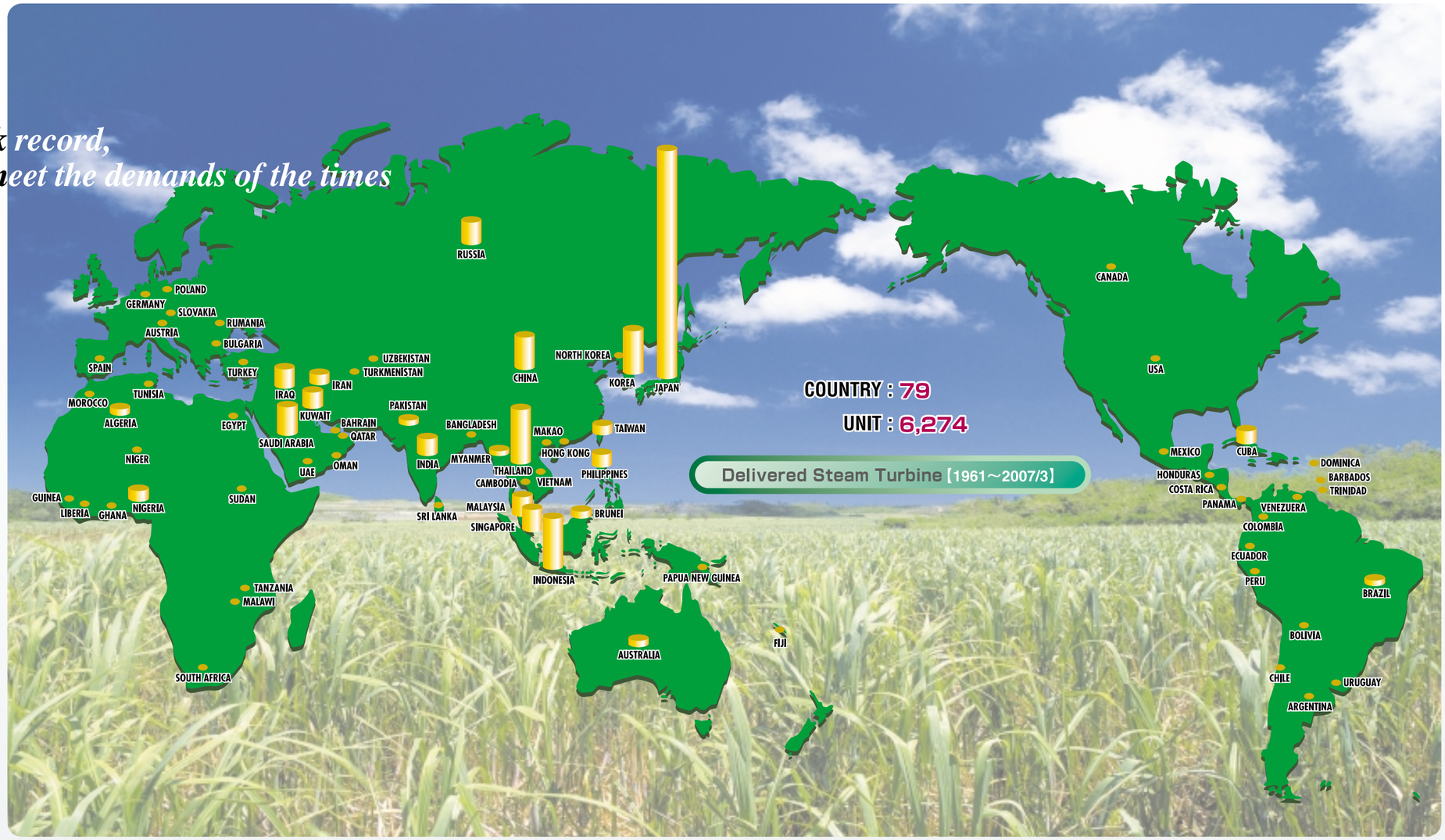
Contents

STEAM TURBINES

- Steam Turbines for Mechanical Driving
- Steam Turbines for Power Stations

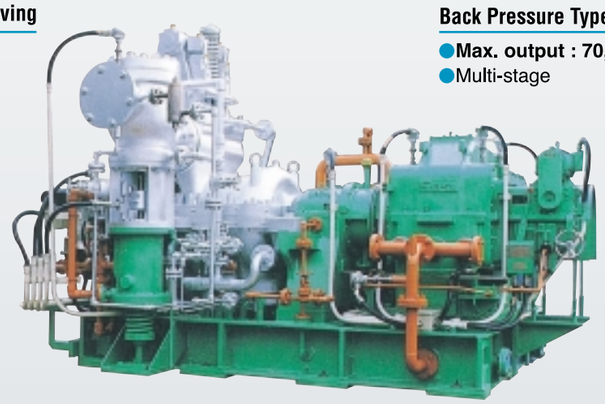
Reliability, our company's track record, and advanced technologies to meet the demands of the times

SNM has a lot of supply records of small and medium sized steam turbines applied to the needs in the world market.SNM has obtained a good reputation for its high performance, in particular, steam turbines with high efficiency and energy saving effects which have been applied to independent power stations and mechanical driving force for compressors, It is the intention of SNM that we should protect the environment of the earth and achieve the affluent society for human kinds by way of minimizing the energy loss and maximizing the energy savings. By realizing our intention above, we, SNM are pursuing any new projects contemplated for recycling the biomass resources and building co-generation plants in the world markets.



Steam Turbine for Energy Saving

- SURPLUS STEAM
- Back pressure type, Single stage



Back Pressure Type Steam Turbine

- **Max. output : 70,000kW**
- Multi-stage

Condensing Type Steam Turbine

- **Max. output : 70,000kW**
- Multi-stage

STEAM TURBINES

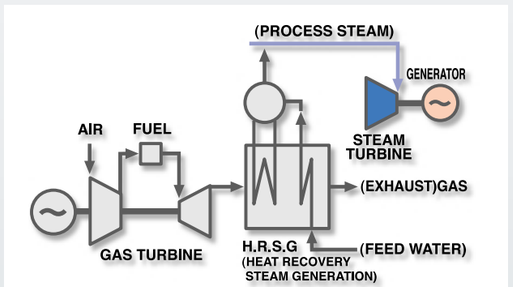
Steam Turbines for Power Stations
Cogeneration

Condensing Type Steam Turbine

- Axial exhaust model
- Max. output : 70,000kW
- Multi-stage

Cogeneration

This system uses a single energy source to derive multiple forms of energy, such as electricity and heat. Heat and electricity cogeneration systems are implemented on a more localized and distributed scale than current systems, with power generators located close to consumption sites. The system provides greater efficiency than normal power generators, which suffer large energy losses during generation and transmission. Cogeneration systems also permit the recycling of waste heat in boilers and air conditioning systems.



Combined Cycle Typical Flow

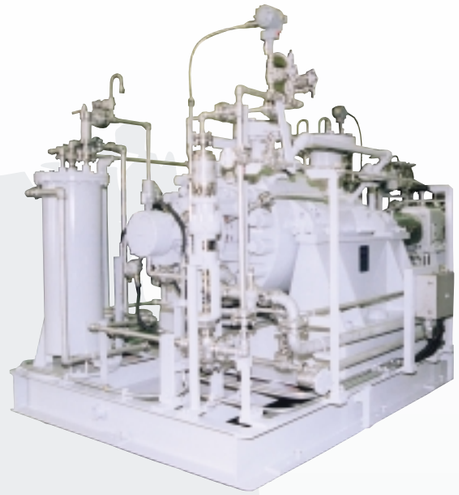
Biomass Energy

Tapping the energy of bio-organic materials, with their potential as endlessly renewable energy sources created by the interaction of sun, air, water, and soil.

Typical fuel substances include straw, hulls, sawdust, and bagasse; energy is generated through combustion heat.

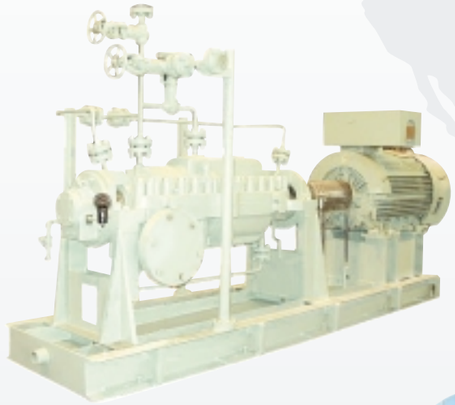
PUMPS

Process Pumps



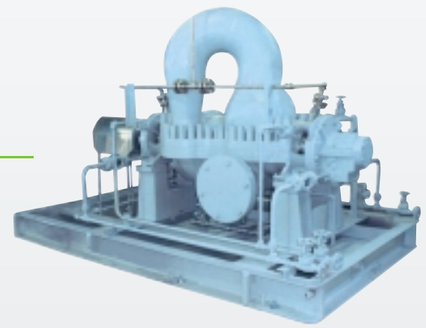
Multi-stage Double Casing Type
(API Class BB5)

- Max. capacity : 1100m³/h
- Max. discharge pressure : 2500# Flange rating
- Horizontal, radially split, multistage, double casing, barrel pump / High Pressure Charge Pump & Boiler Feed Water Pump



Multi-stage Type
(API Class BB3)

- Max. capacity : 750m³/h
- Max. operation pressure : 2200m
- Horizontal, axially split, multistage, between bearings pump.



Two-stage Type
(API Class BB1)

- Max. capacity : 2000m³/h
- Max. operation pressure : 650m
- Horizontal, axially split, two stage, between bearings pump.

Single-stage Type
(API Class BB2)

- Max. capacity : 3500m³/h
- Max. operation pressure : 600m
- Horizontal, radially split, single stage, between bearings pump

PUMPS

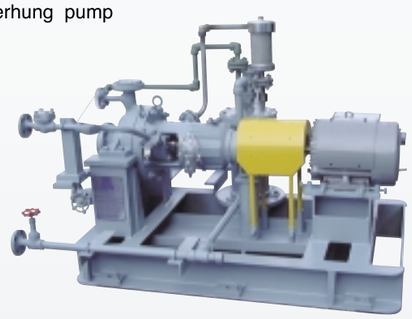
- Process Pumps
- Vacuum Pump

Responding to the evolving industrial infrastructure with unique industry combinations

While the world has been changing drastically every day, SNM, by utilizing its own technology and know-how with a long-history record, are ready to propose the best mixture of the our products to be applicable and structure any system of units to be applied to the needs of the market.

Single-stage Overhung Type
(API Class OH2)

- **Max. capacity : 1500m³/h**
- **Max. operation pressure : 400m**
- Horizontal, radially split, single stage, overhung pump



Multi-stage Double Casing vertical Type
(API Class VS1 & VS6)

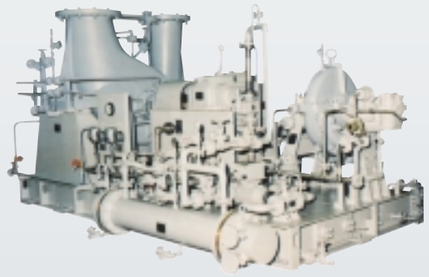
- **Max. capacity : 1200m³/h**
- **Max. operation pressure : 1500m**
- Vertical type, double casing, diffuser, multistage pump

Line Shaft Vertical Type
(API Class VS4)

- **Max. capacity : 400m³/h**
- **Max. operation pressure : 150m**
- Line shaft vertical type, a single stage pump.

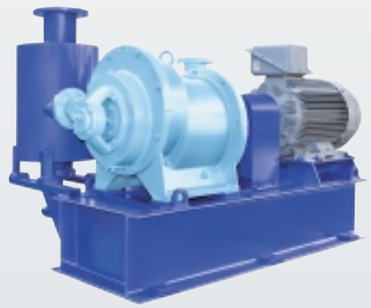
Combination of Turbine & Pump

- **Max. capacity : 2,500kW**
- Back Pressure Type, Single Stage steam Turbine



Liquid Ring Vacuum Pump

- **Max. capacity : 30m³/min.**
- **Max. suc. : 1.5kPa·A**



SHIN NIPPON MACHINERY CO., LTD.

On November 1, 1973, Kozoki Co., Ltd and Nippon Suiryoku Kogyo Co., Ltd merged to form Shin Nippon Machinery Co., Ltd, a manufacturer of turbines, pumps and fasteners (Capital: 170 million yen)

SUMMARY

Date established : 7th December, 1951
Capital : 2,408,051,400 yen
Employees : 386
Sales : 20,473,000,000 yen
(as at March 2007)

ISO9001 Acquired

ISO14001 Acquired

We, SNM, were honorably granted the authorization to register International Quality Standard of ISO 9001 (in the JQA) in 1996, and International Environmental Management System of ISO 14001 (in the KHK and the JAB) in 2002.

SNM
SHIN NIPPON MACHINERY CO.,LTD.

BRANCH OFFICE・WORKS

Kure Works
Kure City,
Hiroshima Pref.

Turbine plant : Steam Turbines, Heat Exchangers
Pump plant : Process pumps, large capacity and other pumps
- Plant area : 60,557m²
- Building area : 28,290m²

Head office (Sinagawa-ku, Tokyo)

HISTORY

1974. Aprir
Capital raising of 255 million yen

1977. August
August Work on expansion of Nishinomiya Works completed

1981. December
Capital increased to 510 million yen

1982. December
Capital increased to 1,104 million yen. Listed on Tokyo Stock Exchange second section

1983. April
Work on expansion of turbine plant at Kure Works completed

1990. December
Capital increased to 2,408.05 million yen

1992. March
Second phase of work to expand pump plant at Kure Works completed

1998. April
Nigata Plant completed

2002. November
Nishinomiya Works relocated to Amagasaki Works

2003. April
Becoming a wholly owned subsidiary of Sumitomo Heavy Industries, Ltd.