Special Feature ightarrow

Electric and Nuclear Power Product Initiatives

Medium-term demand trends for nuclear power products

There are numerous plans worldwide to construct nuclear power stations. Progress with projects already underway suggests that full-fledged demand for our products should emerge from around 2018. In the near term, we will provide high-value-added offerings for new projects in China, South Korea, the United Kingdom, and other countries while attracting orders for spent fuel rod casks that will be needed when nuclear power facilities in Japan return to service.

Robust thermal power products

In fiscal 2013, orders rose for high-efficiency thermal power plant materials, mainly in China and emerging nations.

Plans are in place to construct and upgrade thermal generating facilities in Japan, so demand should remain brisk. We aim to attract more demand for large generator rotor shafts, in which we are the global market leader, and peripheral equipment.

Potential major projects





Generator rotor shaft

Attaining Record Orders for Pelletizers

Cultivating new markets and expanding orders

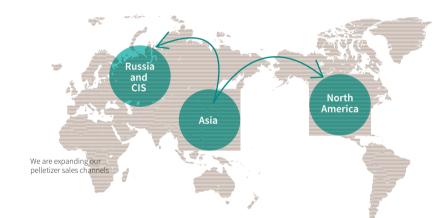
We have been expanding our pivotal pelletizer business, particularly in Asia. In fiscal 2013, we increased orders in Russia and other countries in the Commonwealth of Independent States (CIS), enabling us to post record orders. Companies are planning worldwide to construct petrochemical plants, which need pelletizers, and we will cultivate demand in Russia and other countries in the CIS as well as in North America, where there are several large projects.

Reinforcing Services and Solutions Business

We will reinforce our highly profitable Services and Solutions Business by setting up specialized new units and concluding business alliances with European corporations.



Large pelletizer



Pursuing Further Growth in the Global Molding Machinery Market

Concluding an alliance with Toyo Machinery & Metal in March 2014

We offer a complete lineup of all-electric injection molding machines, and are particularly strong in mid-sized and large models.

We aim to increase our competitiveness in an expanding global market. To that end, we are drawing on a capital and business alliance with Toyo Machinery & Metal Co., Ltd., which is particularly strong in small models, to shorten product development lead times and bolster price competiveness. Initiatives will include jointly developing small injection molding machines, sharing the supply chain, and engaging in joint purchasing.



A JSW injection molding machine plant

We intend to solidify our presence as a leading manufacturer of injection molding machines.

Overview of capital and business alliances

- Jointly developing small injection molding machines
- Sharing the supply chain
- Outsourcing injection molding machine production
- Sales and service for injection molding machines
- Collaboration for overseas production



Anticipated benefits

- Cutting costs by using common parts
- Complementing strengths and weaknesses
- A full, economical lineup
- Global market leadership



Expanding Information Equipment Business

Cultivating the plasma deposition systems business

We are pushing into the plasma deposition systems business to generate more growth in such promising information technology equipment areas as smartphones, tablets, PCs, large high-definition TVs, and vehicle displays.

Establishing a new company to manufacture, sell, and service plasma deposition systems

In February 2014, we established JSW AFTY Corporation in Hachioji, Tokyo, to manufacture, sell, and service plasma deposition systems. annealing systems, the plasma deposition systems business that we recently entered, and from after-sales service operations to more than double information equipment business sales, to more than ¥20 billion.





Atomic layer deposition system



JSW AFTY Corporation premises

Outlook for information equipment business

We will draw on synergies from our excimer device business, centered on our popular excimer laser

Information equipment business

