



In late March 2021, Mitsubishi Heavy Industries Compressor Corporation (MCO) announced that its then President and CEO, Yasuyuki Yamane, would retire. Senior Vice President Satoshi Hoshi succeeded him as President & CEO effective April 1, 2021.

Hoshi joined Mitsubishi Heavy Industries Ltd. (MHI) in 1986. In October 2014, he served as general manager, business strategy division, Mitsubishi Hitachi Power Systems, Ltd. (MHPS). In June 2020, he became senior vice president, Mitsubishi Heavy Industries Compressor Corporation (MCO), a wholly-owned operating company of Mitsubishi Heavy Industries, Ltd.

MOST ANALYSTS EXPECT LNG PRODUCTION TO GROW IN THE U.S. AND CONSUMPTION TO GROW IN ASIA IN THE COMING YEARS. WHAT DOES THIS MEAN FOR MITSUBISHI HEAVY INDUSTRIES COMPRESSOR?

LNG is one of the fastest-growing gas supply sources, with global demand anticipated to double over the next two decades. Mitsubishi Heavy Industries Compressor Corporation is responding to this trend by increasing the adoption of capture and storage (CCS) to LNG plants. LNG producers are focusing their efforts on efficiency improvements, carbon reduction and overall plant cost – all three of which will be required to meet the changing dynamics of the LNG market.

To meet the current needs of our customers, we offer the main rotating equipment with the smallest footprint and lowest cost of LNG production to both brownfield and greenfield LNG plant developers. In order to fulfil the future needs of our customers, we are focused on bringing hydrogen combustion technology to the LNG market, a market that MHI Group is actively leading.

Mitsubishi Heavy Industries' (MHI) LNG equipment offers a two-shaft 100MW Class mechanical drive gas turbine with the highest efficiency and power density in its class, complemented by our high efficiency refrigeration compressors. In short, we will address the increase in demand by offering a high level of LNG production with a lower overall fuel cost and carbon footprint.

Mitsubishi to boost carbon capture and storage investments

Strives to lower overall fuel cost and carbon footprint

THE WORLD AS A WHOLE SEEMS TO BE MORE CONCERNED WITH EMISSIONS. THE GAS INDUSTRY HAS TAKEN NOTICE AND IS ALSO CONCERNED. WHAT POTENTIAL OPPORTUNITIES OR CHALLENGES DOES THIS PRESENT FOR MITSUBISHI HEAVY INDUSTRIES COMPRESSOR GROUP?

Now more than ever, MHI Compressor is committed to creating a low-carbon future made possible by numerous innovations. We are expanding into two new areas – compressors for hydrogen and CO₂ capture. We are working to manufacture cleaner fuels without emitting CO₂ and to capture CO₂ from diverse sources that can be converted to valuable resources.

We are also developing upstream and downstream hydrogen solutions. For example, our integrally geared compressors (IGC) have found widespread application principally in air, booster, N₂, CO₂ and natural gas applications. This robust and compact IGC design has a capability range of 200 bar discharge pressures and 500,000 Am³/h suction flows.

WHAT OTHER POTENTIAL OPPORTUNITIES FOR GROWTH DO YOU FORESEE IN THE COMING YEAR?

MHI Compressor is working towards contributing to the establishment of infrastructure and cost reduction through the provision of technologies, products and service from hydrogen production to utilization. For instance, a remote monitoring system in under development and will be provided in the future to

meet the growing demands for unmanned worksites, enforcing safety efforts and decreasing labor costs.

Our customers are continuously evaluating larger plants with boosted production in order to maximize economies of scale, while emphasizing the importance of efficiency, reliability and safety. Based on these trends and requirements, we work closely with our clients to ensure the MHI R&D/Engineering teams are focused on developing the best solutions for these mega-plants. As a result, we are supplying some of the largest capacity API

turbomachinery in the world for ethylene, PDH, LNG, ammonia and methanol plants. **CT2**



Satoshi Hoshi