

M7A-03D Gas Turbine



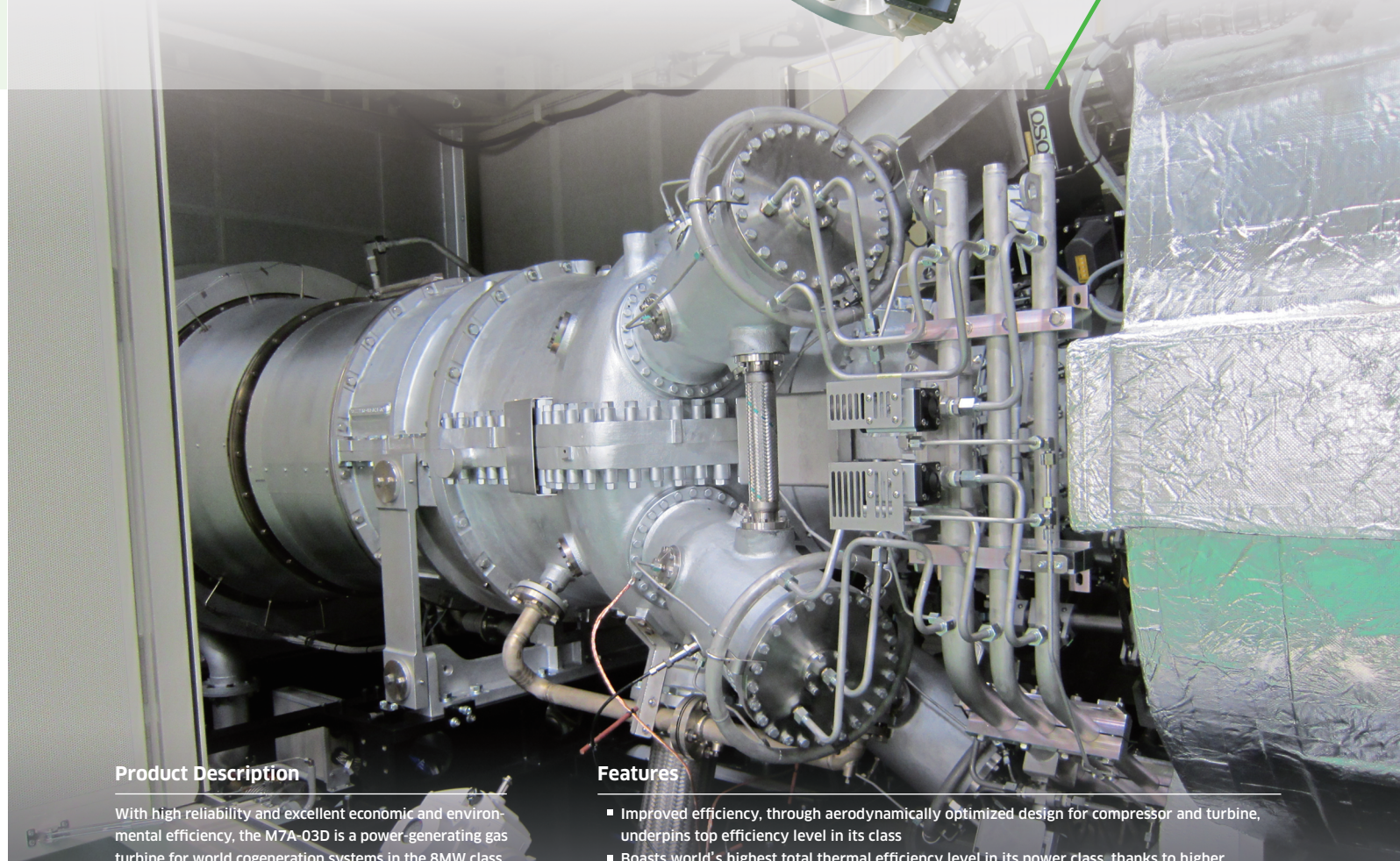
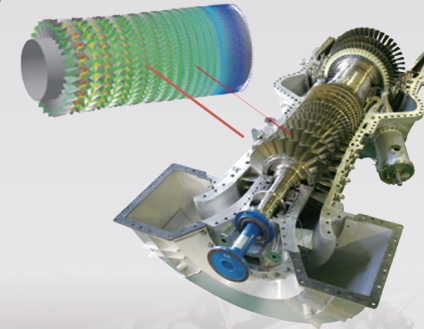
2024
 Kawasaki
 Ecological Frontiers
 S class

Initial registration: 2015

Kawasaki Heavy Industries, Ltd.

Delivers world's highest total efficiency level
 in its class, and low-NOx performance

Optimized compressor, turbine and combustor design
 yield top-class total thermal efficiency of 85.2% and
 a guaranteed NOx value of 15ppm ($O_2 = 15\%$).



Product Description

With high reliability and excellent economic and environmental efficiency, the M7A-03D is a power-generating gas turbine for world cogeneration systems in the 8MW class.

Features

- Improved efficiency, through aerodynamically optimized design for compressor and turbine, underpins top efficiency level in its class
- Boasts world's highest total thermal efficiency level in its power class, thanks to higher exhaust gas energy
- Improved combustion burner and flow chamber geometry push NOx level down, contributing to its environmental performance as one of the industry's leaders