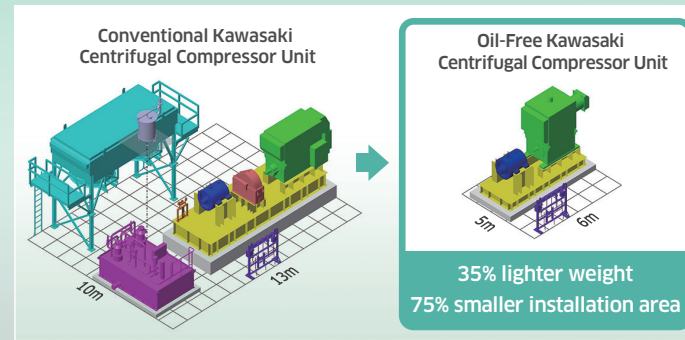


Oil-Free Kawasaki Centrifugal Compressor

Completely oil-free compressor achieved through adoption of a high-speed motor and magnetic bearings

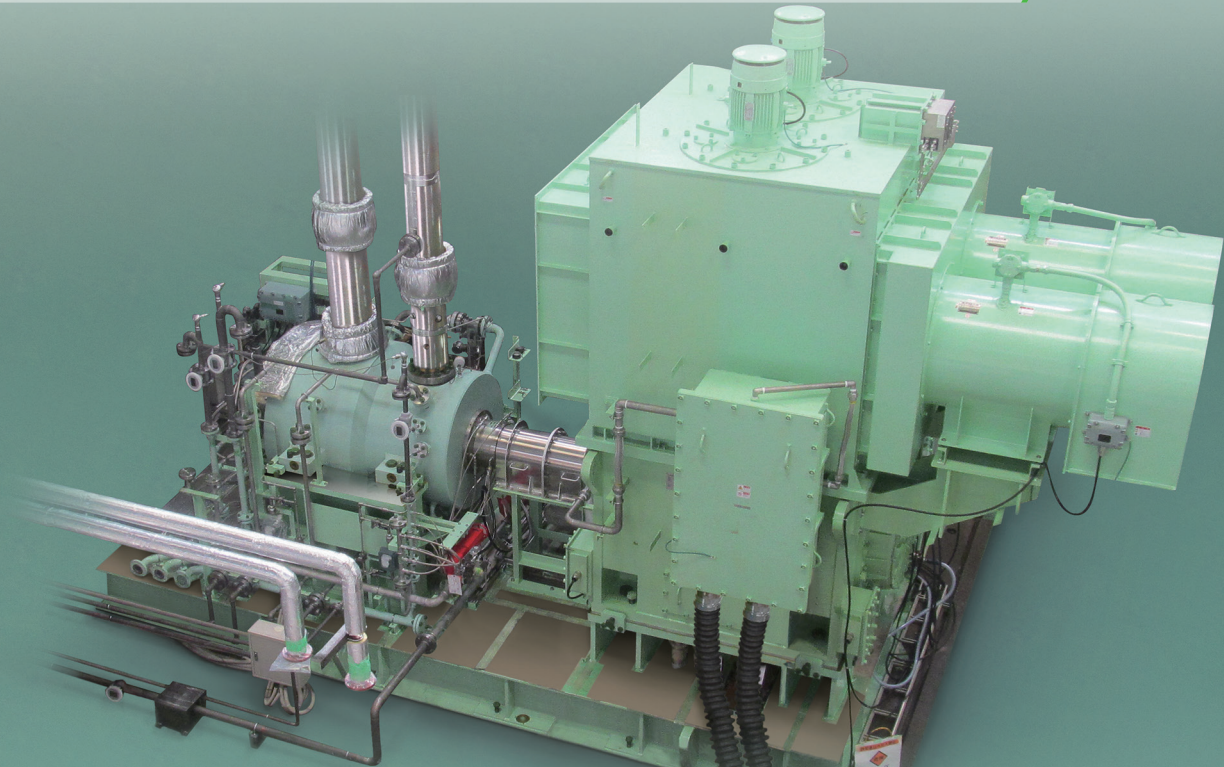
The adoption of a high-speed motor and magnetic bearings improves efficiency and reduces weight and footprint, achieving 3% lower power consumption, 35% lighter weight, and 75% smaller installation area compared to conventional models. Elimination of the need for lubricant oil also reduces environmental impact.



2020

**Kawasaki
Ecological Frontiers
S class**

Initial registration: 2017



Product Description

Completely oil-free compression is achieved through the adoption of a high-speed motor and active-control magnetic bearings. The Kawasaki Centrifugal Compressor delivers both industry-leading energy efficiency and a wide, stable operating range.

Features

- Mechanical loss greatly reduced through direct motor drive and contactless support
- Elimination of the need for lubricant oil system greatly reduces equipment weight and installation area
- In addition to not using lubricant oil, it reduces noise and vibration