

# KOBELCO® KNW SERIES

## OIL-FREE, RISK-FREE ROTARY SCREW DESIGN

JHFOSTER is well aware that in today's competitive global economy, efficiency and reliability are not only expected, but demanded. In order to meet this expectation, JHFOSTER is pleased to introduce the Kobelco® KNW Series of oil-free rotary screw compressors.

The Kobelco® KNW Series oil-free rotary screw compressor is designed, manufactured, and tested in the USA and delivered ready for operation. They offer exceptional performance and design flexibility for plant and process air applications such as food and beverage, electronics, medical, university, power generation and petro chemical. Since the first compressor became available in 1955, Kobelco® KNW Series has stayed one step ahead of the competition with constant innovation and dedication to quality.

### KEY ADVANTAGES:

#### 100% OIL-FREE AIR

The two stage rotary screw compressor provides completely oil-free air since no oil is allowed in the compression chambers.

#### MOST EFFICIENT

Both compression stages employ a patented Super Rotor profile, which is acknowledged to be the most efficient in the industry. This new asymmetrical rotor profile provides the lowest power consumption per cubic foot of compressed air.

#### RELIABILITY

Precision machined timing gears are mounted on each rotor shaft to maintain accurate clearances between the rotors. The thrust and radial bearings are anti-friction type for long life and smooth operation.

#### LOW INSTALLATION COST

Conveniently located utility connections provide quick and easy installation. Units are thoroughly factory tested prior to shipment. Air or water-cooled models are available.

#### ALLEN-BRADLEY PLC

The state-of-the-art programmable logic controller maximizes operating efficiency and versatility. It initiates and sequences the proper events during start-up, operation and shutdown and monitors system functions, safety devices and instrumentation. Programs can be changed to meet various plant requirements.

#### TOUCHSCREEN DISPLAY WITH GRAPHICS

Complete status indication is displayed continuously during operation while in stand-by mode or after emergency shutdown. The discrete push buttons and lights offer quick indication of operating status.

The partnership of JHFOSTER and Kobelco® KNW Series is committed to delivering superior oil-free rotary screw compressor technology with local sales and service capability. As a leading supplier in Minnesota, North Dakota and South Dakota, JHF has been providing Kobelco® KNW Series for 18 years. Factory trained service personnel at JHFOSTER, along with Kobelco® KNW Series main manufacturing plant in Portland, Oregon, gives us the ability to exceed your expectations with unequalled service and support.



Made in the **USA**

Knowledge and experience obtained from OVER 55 YEARS has resulted in an assembly designed and constructed TO EXACTING QUALITY STANDARDS while providing a long operating life, minimum maintenance and low operating costs.



Headquartered in Eagan, MN, JHFOSTER, a Tavoron company is a strategic collection of industry-leading compressed air experts, skilled engineers, support teams, and distributors of automation & robotics. Specializing as a provider in automation motion control, compressed air, and robotics, JHFOSTER is dedicated to advancing technology, driving innovation, and delivering comprehensive solutions in the 5-state area.

Contact us today at 800.582.5162, [solutions@jhfooster.com](mailto:solutions@jhfooster.com) or visit [jhfooster.com](http://jhfooster.com)