

## News Release

May 7, 2020

### **Nabtesco launches New Large Precision Gearheads, *RH-500N* and *RH-700N***

Precision Equipment Company of Nabtesco Corporation announced today that it launches two new models of high precision gearhead, *RH-500N* and *RH-700N* for heavy load applications.

*RH-500N* and *RH-700N* are the gearheads based on precision reduction gear *RV*<sup>TM</sup> the total cumulative production of which reached over 9 million units, and which are used in industrial robots, machine tools, semiconductor manufacturing equipment and other applications that require automation and labor saving.

*RH-500N* and *RH-700N* boast high torque output of 5,000N·m or more, which our conventional gear head products could not support. These new gearheads are suitable for precise positioning applications with heavy loads and cantilever machines like lid opening/closing systems and reversing machines. Additionally, they also have all the features such as high precision, high rigidity, lightness, compactness and usability.

Nabtesco will continue to develop valuable products for its customers.

#### ■ Product Name

Large precision gearheads, *RH-500N* and *RH-700N*

#### ■ Image



#### ■ Features

- Precise positioning is possible with less than 1 arc.min backlash.
- High rigidity, optimal for instantaneously reversing direction.
- High torque output for large automatic equipment with high payloads.
- Lightness and Compact size contribute to space-saving.
- Integrated main bearings to position heavy loads.
- Compatible with all major servo motors.

■ Applications



Large positioner



Cantilever equipment,  
lid opening/closing system

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