

## News Release

April 2, 2014

### **Cumulative Production of the RV™ Series Precision Reduction Gears Reaches 5 Million Units**

Nabtesco Corporation (headquarters: Chiyoda-ku, Tokyo; President & CEO: Kazuaki Kotani) achieved this April the cumulative production of 5 million units for the VIGO DRIVE RV series, one of the major products of the Company.

The RV series precision reduction gears for high-precision control, for which the planocentric reduction gear mechanism is adopted, have a large number of teeth that mesh simultaneously, are highly rigid despite being compact and light, and are highly resistant to overloads. Also, because of the small backlash, rotational vibration and moment of inertia, the gears are excellent in terms of accelerating performance and move very smoothly with high positional accuracy. Due to these strengths, they are widely used in industrial robots, machine tools, assembly equipment, transportation equipment and other machines. In the industrial robot field in particular, the gears boast a world market share of 60%, and Nabtesco's gears are thus used in a range of industrial robots across the world.

In 2005, 20 years after the launch of production in 1985, the cumulative production of the RV series reached 2 million units. Subsequently, Nabtesco developed the RV N series as the latest leading reduction gear model for robots as well as the easy-to-use RD2 gearhead series and the RS series, and these products are widely supported by customers. As a result, the cumulative production of the RV series has successfully reached 5 million units.

Nabtesco will continue to make contributions to the development of robot technology by using the technologies and expertise that it has long accumulated as a top manufacturer of precision reduction gears, and will work to make further improvements to its products for the benefit of customers in the general industrial field too.