

# JTEKT ENGINEERING JOURNAL

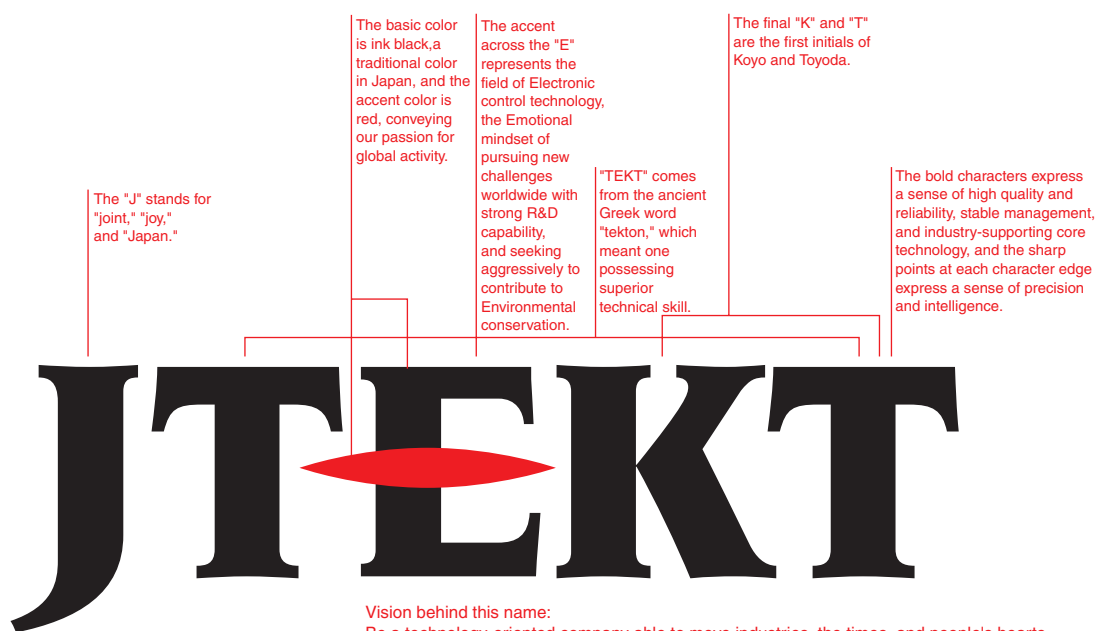
**No.1010E**  
May 2013

English Edition

**Energy Saving Related Technologies Special Edition**



**Constant Technological Innovation Leading to the Next Evolution**



**Vision behind this name:**

Be a technology-oriented company able to move industries, the times, and people's hearts.

JTEKT Corporation. Through the merger of their knowledge and experience, Koyo Seiko and Toyoda Machine Works have formed a company with the technical capability to achieve dramatic manufacturing innovation in Japan and worldwide based on highly reliable and advanced technology. JTEKT's commitment is to obtain the satisfaction of customers and contribute strongly to the advance of a sustainable society.

— Value & Technology

**Front Cover: Shiretoko**

Shiretoko, located in the north east of Hokkaido, was listed by UNESCO as a world heritage site in 2005 because of the unique interaction of marine and terrestrial ecosystems and due to the fact that it is home to globally endangered species of creatures. Lake Rausu (photo foreground) is the biggest lake in Shiretoko and was created around 3 000 years ago when Tenchozan erupted, causing Chinishibetsu River to be blocked off with lava and creating a lake 6 kilometers in circumference and 4 meters in depth. The lake is 740 meters above sea level but this is equivalent to 2 000 meter altitude environments on Japan's main island, making it a 3.5 hour return trip on foot from the entrance of the Lake Rausu trail. As such, trekkers must prepare for mountain climbing conditions. All visitors to Lake Rausu are required to take any garbage home with them as this environment is home to rare species surviving from the ice age.

Constant technological innovation will lead to the protection of nature's bounty such as this.

