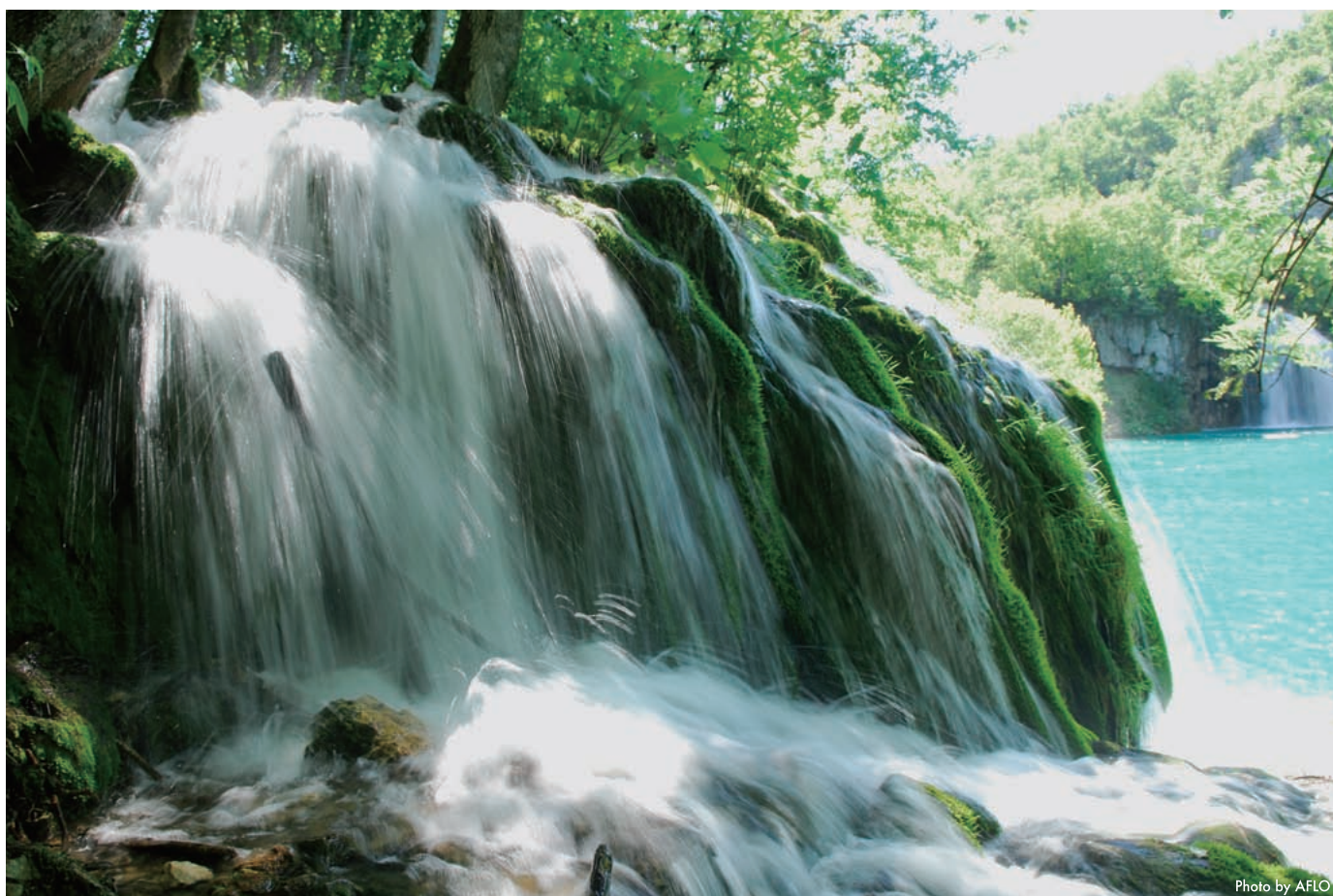


# JTEKT ENGINEERING JOURNAL

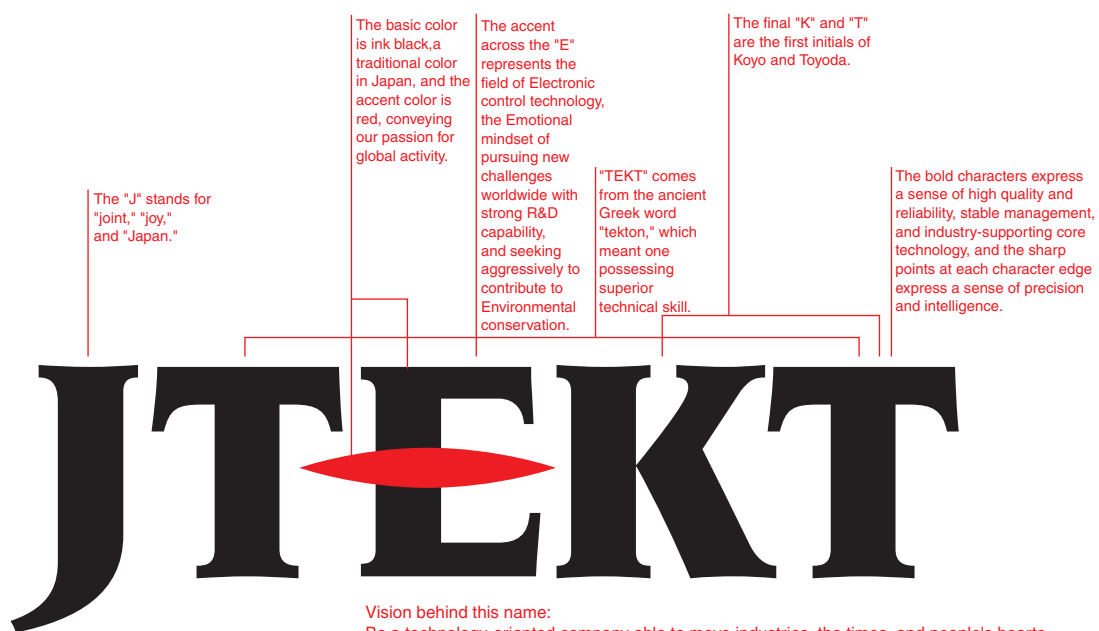
**No.1011E**  
May 2014

English Edition

Compact/Lightweight - Related Technologies Special Edition



The flow of technological innovation is the first step to a peaceful and abundant society.



**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: Plitvice Lakes National Park**

Plitvice Lakes National Park was registered as a natural World Heritage Site in 1979, as one of the best natural parks in Europe. It lies approximately 110 kilometers south of the Croatian capital of Zagreb, and extends towards the Bosnia-Herzegovina border. The park features a series of steps harboring 16 large and small lakes, from altitudes of 150 to 639 meters above sea level, and the 92 waterfalls which connect them. A natural dam made from travertine (calcareous sediment) stops the flow of the river, creating the signature scenery. Due to the amount of minerals and organic matter in the lakes, the water is constantly changing from emerald green to cobalt blue, depending on the angle of sunshine; the water itself has an extremely high clarity, and schools of fish can be seen swimming within the lakes. The region is covered in old growth forests of beech and fir trees, home to wild bears, wolves, and rare species of birds. In consideration of this environment, all tour boats, buses and methods of transportation within the park are created with environmentally friendly specifications, using only electric power.

Technology with the least possible environmental burden will lead the way to the endless preservation of these natural forms of art.

