



Kawasaki Robot e-News is an electronic bimonthly newsletter that provides our customers with useful information on robotics.



SEMICON Japan 2010

Kawasaki will take part in **Semicon Japan 2010**, which is scheduled to be held from December 1st to 3rd at Makuhari Messe. At this event we will exhibit our latest clean robot technologies for semi-conductor and solar panels. Please come by and visit our booth in Hall 3 (3C-905).
(Semicon Japan 2010: <http://www.semiconjapan.org/ja/index.htm>)



Application technology: KCONG Mill



Kawasaki recently teamed up with Mold Technical Office to co-develop a milling robot system. This system features a robot designed to replace expensive CNC machines. Using the CAD/CAM data from the user, Kawasaki's "**KCONG for Milling**" software automatically generates a robot program. The robot then cuts materials such as foamed plastics, urethane, paraffin, and clay into the desired shape with a high degree of accuracy. In addition to 3-axis and fixed 5-axis processing, this system also offers simultaneous 5-axis processing. There are already many users using this system to cut a wide range of materials.



This system was used at the Nike event for the 2010 FIFA World Cup to carve a sculpture of *Marcus Tulio Tanaka*, a popular Japanese football player. The robot also inscribed messages from supporters on the sculpture at the Nike shop in Harajuku, Tokyo (photos left). For details about this system, feel free to contact your local Kawasaki office.



Kawasaki in the Hall of Fame



More than 40 years have passed since Kawasaki produced the first industrial robot in Japan. There is no doubt that the state-of-art technology contributed to the postwar economic growth of Japan and helped to propel the industrial development of the automobile and other industries. The National Museum of Nature and Science has selected Japan's first industrial robot, the **Kawasaki-Unimate 2000** (photo left), as one of the nation's "important historical artifacts". One of these robots is currently on display at the "*Kawasaki World*" museum in Kobe, which also features Mr. Cube (the robot that solves the Rubik's Cube) and many other Kawasaki products. If you are ever in Kobe, be sure to drop by and enjoy all the fascinating exhibits!

(Kawasaki World: www.khi.co.jp/kawasakiworld/)



Robot Service Center (Taiwan)

Taiwan Kawasaki Robot Center (TKRC) was founded in 2001 and functions as sales and service office in Taiwan (photo right). In Taiwan, many Kawasaki 6-axis robots are being used in the automobile and other industries. Many Kawasaki clean robots are also in operation for handling wafers and glasses. Many customers' production lines operate around the clock. Therefore TKRC provides the end users with extensive services including the 24-hr troubleshooting.

