



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

### Receiving the Machine Design Award

The MS005N, a robot for medical and pharmaceutical use, received the Special Recognition Award at the 44th Machine Design Award sponsored by Nikkan Kogyo Shimbun, Ltd. This marks the second year in a row Kawasaki Robot has received an award at this annual event, with the BX series winning an award last year at the 43rd Machine Design Award. These achievements are a great reflection of Kawasaki Robot's innovative spirit.

Workers at pharmaceutical and medical workplaces face health risks posed by the intrusion of foreign substances and exposure to toxic and radioactive medicines. The MS005N boasts a number of features designed to help eliminate these risks. The all-stainless steel construction makes it highly resistant to corrosion, while the mirror finish allows for easy washing. The MS005N is also equipped with a 7-axis for operation in small sterilized spaces (isolator). This combination of features and design perfectly adapted to new fields of pharmaceuticals and medicine have made the MS005N highly-rated among professionals, and ultimately led to it winning this award.

Kawasaki Robot will continue to make its mark as a pioneer in the medical and pharmaceutical sectors. Moving ahead into the future, we aim to consistently develop products that break new ground in the field of robotics.



### Tax Break for Kawasaki Robots

We recently applied to the Japan Robot Association (JARA) to register robot models in accordance with the Industrial Competitiveness Enhancement Act. They are registered as High-Technology Facilities in the Productivity Improvement Facilities category, satisfying both the requirements of being "the latest model" and "effective in boosting productivity". For the full list of officially registered models, visit the JARA website: <http://www.jara.jp/system/08-list.html>

### Japan Robot Week 2014

Japan Robot Week is scheduled to be held from October 15th (Wednesday) to October 17th (Friday) at Tokyo Big Sight. This exhibition is dedicated to service robots and robot-related technologies, and is always held in the off year for the International Robot Exhibition (iREX). Service robots—such as nursing care robots, welfare robots, and disaster response robots—have attracted a lot of attention in Japan and other countries for the potential they hold as a future growth industry. In addition, the Japan Government intends to adopt a variety of measures to aid the development and implementation of these kinds of robots.

This year we plan to exhibit the MS005N, a medical robot with all-stainless steel construction and 7-axis. We will use this robot to give demonstrations of the chemical injection and washing operations carried out inside an isolator.

Japan Robot Week always succeeds in bringing together the latest in service robots. We hope to see you at the Kawasaki booth at the venue (East Hall 3, Robot Business Promotion Council, RT Plaza).

### Kawasaki Robots in "Transformers: Age of Extinction"

The B Series and R Series can be seen in the new movie "Transformers: Age of Extinction", which was released this summer on August, 8th (Friday).

The robots appear in three scenes where a corporation called KSI in Chicago fabricates human-created Transformers. In the first scene, the RS006L melts the head of the Autobot Ratchet. In the second scene, two RS010N robots handle Megatron's brain, which was extracted for use as the brain of the human-created Transformers. In the third scene, the BX200L is used to help KSI engineers examine a Transformer.

Check out the movie if you have chance and enjoy the scenes featuring Kawasaki Robots!

