



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



### New Vision Software (K-VFinder)

Kawasaki will soon release “K-VFinder” 2D standard vision software. K-VFinder was developed for use with the Kawasaki YF03N picking robot.

The software can recognize objects of different colors and shapes to quickly locate their exact position or to perform inspection of the objects. Such recognition can also be done synchronously, while the object is moving on a conveyor.

The set-up and operation screens are designed for general-purpose use, so that the software can be used for various 2D vision applications. This means the software can be used not only for the YF03N picking robot, but also for other Kawasaki robots.

We are also releasing the optional “K-VAssist” software application at the same time, which is used to distribute recognition data to multiple robots.



(Modeling)



(Object-Setting)



(Recognition of colored objects)



(Photo left)

K-VFinder recognizes three different kinds of food packages on the left conveyor at high speed. The robot picks up each package and places it on the right conveyor. The camera is located right above the conveyor, but not shown in the picture.



(Photo right)

Kawasaki picking robot “YF03N”



### Exhibitions



Kawasaki Robotics GmbH exhibited the new R-series robots and picking robots YF03N at the Munich AUTOMATICA exhibition in June (photo right). Thanks to the signs of recovery in the global economy, the exhibition was filled with visitors from all over the world.



### Overseas Subsidiary (Europe)



Kawasaki Robotics (UK) Ltd. was established in 1996 to support customers in the U.K. and Ireland. In addition to supporting major users, such as Toyota, Jaguar, Land Rover and VA Tech, the 12 experienced engineers and staff (photo left) at the company are supporting a large number of Kawasaki users in general industry. Kawasaki Robotics (UK) strives to enhance the Kawasaki brand name and customer satisfaction, and to increase added value.

(<http://www.kawasakirobot.de/>)

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