

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

New Product RD80N

We are pleased to announce the release of RD80N Medium-size Palletizing Robot.

The RD80N is designed for loading cardboard boxes and bags onto pallets for logistics work. The RD80N is a vertical articulated robot developed by improving upon the excellent performance of the conventional FD50N. For this vertical articulated robot, the performance in speed, repeatability, etc. has been significantly improved with a maximum payload capacity of 80 kg.

The RD80N's lightweight arm and small high power/high speed motor give it higher speed and acceleration than conventional models, allowing the payload capacity to be increased by 30kg. This increases throughput by about 25% and it demonstrates throughput of 900 cycles* per hour, making it the best in its class. With improved design flexibility of the hand, it is now possible to load multiple heavier works at a time.

For various applications from high-speed packing of food products on conveyor belts and packing into cardboard boxes to palletizing, we provide compact, high-productivity automated systems based on our RD80N combined with the YF03N high-speed picking robot and small to medium size R-series general-purpose robots.

We are actively developing and supplying Kawasaki robots to meet a wide-range of future user requirements.

* Based on a load of 80kg, and a horizontal movement of 2000mm per cycle with a vertical movement of 400mm.



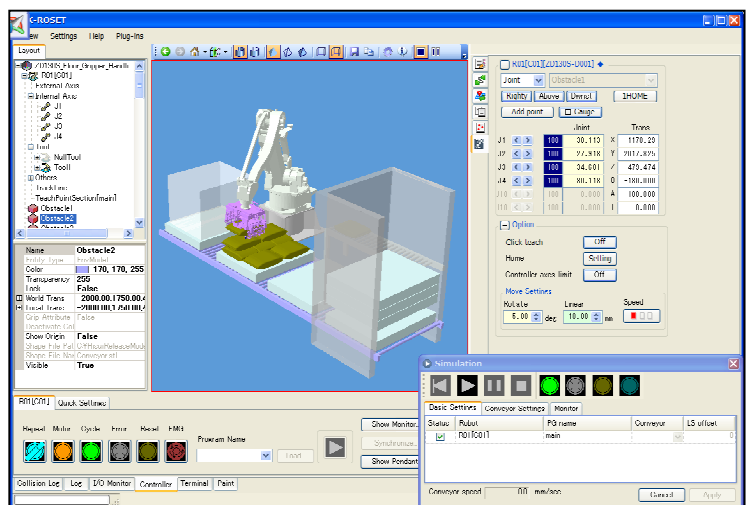
New Product K-ROSET

We are pleased to announce the release of the K-ROSET, a new engineering and simulation tool. This new product comes in two applications: one for use in painting, and one for handling.

The K-ROSET comes with all the necessary functions for engineering and simulation, such as layout examination, installation location analysis, interference checking, teaching point creation, and cycle time study. Along with these functions, the K-ROSET also provides added features such as simultaneous simulation of up to 8 robots, video recording, conveyor synchronization, simple geometry creation, external axes and peripheral equipments operation, combined use of different applications, and enhanced application I/F.

The K-ROSET can read CAD data (STL format), and comes with an option for reading data in IGES format. It also supports operation in virtual T/P and inherits the accurate simulation functionality of the PC-ROSET, running simulations at a level of real robots precision.

The K-ROSET delivers the concept of Kawasaki products, "Simple and Friendly". We offer trial runs, so please feel free to try out the K-ROSET and experience the benefits for yourself. For additional information about supported models, please contact one of our sales offices.



Service Support on Weekends

As part of the measures enacted to avoid potential power shortages, the automotive industry will shift operations to Saturdays and Sundays from July through the end of September, with factories closed on Thursdays and Fridays. In response to this shift in operations, Kawasaki Machine Systems, Ltd. intends to provide support and service through normal phone channels on Saturdays and Sundays between the hours of 8:30 and 17:30. We will also continue to provide repair and maintenance services on Thursdays and Fridays as usual. Please contact us whenever our services are required.

At Kawasaki we are committed to continually improving our services. We deeply appreciate your continued support of our products and services, and look forward to serving you in the future.