

## Kawasaki and Toshiba Machine partner at PPMA

Demonstrating compatibility and flexibility Kawasaki Robotics UK and [TM Robotics Ltd](#) (Toshiba Machine) join forces at this year's PPMA exhibition. Respective leaders in the supply of six-axes and high-speed SCARA arm robots, Kawasaki and TM will illustrate the straightforward integration and compatibility of their products into a single packaging system.

Kawasaki and TM have worked together for many years providing customers with optimum solutions for high speed handling, packaging and palletising. Kawasaki Robotics is renowned for its extensive range of high reliability handling robots while Toshiba Machine's focus on SCARA Arms has earned a reputation for simplicity of operation and integration together with high efficiency.

A Toshiba Machine [TH450A](#), SCARA configuration, will pick randomly placed poker chips from a moving conveyor and place them accurately onto a tray. Picking the tray up and returning the chips randomly onto the conveyor will be a Kawasaki [RS05N](#) six axes robot.

The new TH450A SCARA will be fitted with a Fisher Smith RoboVis vision system, providing powerful but simple to use 360° location of randomly orientated pieces. With the ability to identify product types, RoboVis can adopt the 'operator role' calling up robot programmes for specific products as required.

Both robots demonstrated have maximum payload capacities of 5Kg and are able to demonstrate high speed operation. The Kawasaki RS05N has a maximum linear speed of 9.1Mtr/s and the TH450A 7.33Mtr/s while the TH450A is equipped with oversized servo motors to manage the continuous high-duty cycles typical of packaging operations.



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**Notes to editors:**

**Kawasaki Robotics (UK) Ltd** is the UK robotics division of Kawasaki Heavy Industries Japan.

Based in Warrington, Kawasaki Robotics (UK) Ltd occupies a 15,000 Sq. Ft. Building. Its location provides easy access to the main motorway network and is at the centre of its customer base.

The facility centralises all the sales and customer support operations, with areas for customer demonstrations, training, robot test and integration and a large area for stock machines. Over 1,800 machines are now operating in a wide range of industries and applications throughout the UK.

Operating through a network of system partners, automation integrators and also supplying direct to end users, Kawasaki Robotics (UK) Ltd offers experience in the widest range of industry sectors.

**Kawasaki Heavy Industries** introduced its first industrial robot into the Japanese domestic market in 1969 and since then has developed into a world leader in the manufacture of industrial robots. Renowned world-wide for quality and technology in all its engineering systems and products, this philosophy is continued throughout the Kawasaki Robotics divisions.

**TM Robotics (Europe) Ltd** is responsible for the sales, marketing and support of Toshiba Machine's Industrial Robots throughout Europe, Africa, Middle East and India. Toshiba Machine offers an extensive range of SCARA and Cartesian industrial robots sold with the aid of a

comprehensive network of system integration partners and distributors.

The Toshiba Machine robot range find applications in industries ranging from food and pharmaceuticals to electronics, packaging and automotive component handling.

At TM Robotics our entire philosophy is about making things straightforward and easy for you. With years of experience in supplying and maintaining Industrial Robots, we are a name you can trust.