

# Ceiling mounted robot set for UK launch at PPMA

## TM Robotics demonstrates vision for processing and packaging

TM Robotics will be exhibiting at this year's PPMA show at the NEC between September 30 and October 2. The company can be found on stand number C71B, where it will be showing a ceiling mounted Toshiba Machine SCARA robot with vision provided by PCS Industries. The new robot is set to find applications in the processing and packaging sectors, where it will be used for a variety of pick and place tasks.

The TH450T is amongst the quickest SCARA robots of its size on the market and achieves cycle times of less than 0.3 seconds. Arm lengths of 450mm and a payload of 5kg complement the TH450's enhanced speed capability, while repeatability is an impressive  $\pm 0.01$ mm. Linear and circular conveyor synchronisation capabilities are also offered, creating a very powerful package when combined with easily integrated vision systems. At PPMA the robot will be operating hand in hand with robust Cognex cameras and vision, provided and integrated by PCS. This resultant conveyor tracking function makes the system ideal for end of line packaging.

"Ceiling mount capabilities make the TH450 much more versatile," explained Nigel Smith, managing director of TM Robotics. "The robot is already in use in a number of applications but its real potential lies in packaging for industries such as pharmaceuticals, healthcare, food and cosmetics."

The TM Robotics team will be on hand at the show to answer questions about the entire range of Toshiba Machine SCARA and Cartesian robots, as well as ABOT - an innovative system for opening packages in incoming goods operations.

Video of the TH450T in operation at Hannover's specialist industrial robot show, Automatica, is available at <http://tmrobotics-pr.blogspot.com/2008/08/ceiling-mounted-th450-at-ppmaautomatica.html>. A copy of this press release is available to cut and paste from [www.tmrobotics-pr.blogspot.com](http://www.tmrobotics-pr.blogspot.com).

Ends - 305 words

Editor's note: If you want to stay constantly up to date on the latest news from TM Robotics, paste the following link into your RSS reader <http://tmrobotics-pr.blogspot.com/atom.xml>. If you don't have an RSS reader, I can recommend the following free package Sharp Reader.

For further information contact:

Nigel Smith - TM Robotics (Europe) Ltd

Unit 15, The Weltech Centre, Ridgeway,

Welwyn Garden City, Herts. AL7 2AA

Telephone: +44 (0)1707 871535

Fax: +44 (0)1707 393959

www: [www.tmrobotics.co.uk](http://www.tmrobotics.co.uk) and [www.abot.eu.com](http://www.abot.eu.com)

e-mail: [sales@tmrobotics.co.uk](mailto:sales@tmrobotics.co.uk)

Press enquiries: Richard Stone

Stone Junction, 33 Kirkdale,

Sydenham, London, SE26 4BT

Telephone: +44 (0) 20 8699 7743

Fax: +44 (0) 20 8699 7743

e-mail: [richards@stonejunction.co.uk](mailto:richards@stonejunction.co.uk)

www: [www.stonejunction.co.uk](http://www.stonejunction.co.uk)

About TM Robotics: TM Robotics (Europe) Ltd is responsible for the sales, marketing and support of Toshiba Machine's Industrial Robots throughout Europe. The two companies offer an extensive range of SCARA and Cartesian robots, sold with the aid of a comprehensive network of system integration partners and distributors.

Toshiba Machine's SCARA robots find applications in industries ranging from food and pharmaceuticals to electronics, packaging and automotive component handling.

Ref: TRE086/08/08