

### Important milestone for Kingston Engineering

Seeking continuous improvement, efficiency and optimisation of its production processes, Kingston Engineering has invested in a top class machine tool from Leistritz, a brand well known world wide.

This Leistritz LWN 160.6000 is an external whirling machine for the production of Trapezoidal or Acme thread lead screws, custom threads and Ball Screws. The thread surface achievable goes from 0.02 Ra with a new insert to 0.08 Ra with a re-ground insert. These values are similar to a grinding machine.

Kingston says the purchase of this machine tool guarantees higher precision and higher speed production of lead screws with both right and left hand threads or multiple start threads.

The purchase of this Leistritz LWN 160.6000 thread whirling machine represents a very important milestone for Kingston Engineering, says the company. It demonstrates Kingston's desire to invest in the very latest and most advanced metal cutting technology. It will enable Kingston to produce the highest quality lead screws for their customers and to develop new markets.

Leistritz is the international leader in the high speed production of internal and external threads and also in the production of special profiles. The purchase of this machine has been necessary to cope with rising demand requiring shorter delivery without compromising product quality.

[www.kingston-engineering.co.uk](http://www.kingston-engineering.co.uk)

### Quarter century milestone for HepcoMotion company

Braintree Precision Components (BPC) reached a huge milestone in September as it celebrated 25 years of trading and manufacturing of bearings. BPC is owned by Hepco Slide Systems and makes all the various sizes and designs of bearings for he company's linear motion systems.

With over 70 employees at the Braintree site, BPC is a major employer in the area and enjoys supporting the local community. Since opening in 1989, BPC has successfully doubled in size and now produces close to two million bearings a year and exports to over 41 countries. The bearings range in size from 13mm to 150mm in diameter.

HepcoMotion chairman, Giles Forster, says: "BPC is a crucial part of our manufacturing chain and is critical to the success of our wider business. With a great team and a rich history, we are happy to publicly celebrate this anniversary. We have even created a special book for each employee commemorating the people and the legacy."

[www.hepcotion.com](http://www.hepcotion.com)

# Be wary of wireless warns TÜV SÜD

Compliance expert TÜV SÜD Product Service is warning manufacturers who integrate wireless modules into their products that they may be selling non-compliant goods, as they struggle to understand complex rules

**T**ÜV SÜD is seeing a significant growth in the number of non-compliant products entering its laboratories due the rising trend for wireless modules to be added into an expanding variety of products, such as televisions, washing machines, fridges, telematics devices and factory machinery.

Products that were not traditionally subject to the Radio and Telecommunications Terminal Equipment Directive (R&TTE) must now meet its requirements. Manufacturers are failing to realise this and are in danger of falling foul of the various market surveillance authorities, as ignorance of the rules is no excuse.

A presumption is often made that when an R&TTE compliant module is integrated into a final host product, no further radio testing is necessary. However, this is not the case if the module is not integrated in accordance with the module manufacturer's instructions, and it is also required to meet additional essential requirements of the R&TTE Directive, such as safety and EMC aspects.

The R&TTE Directive will be superseded by the Radio Equipment Directive (RED) in June 2016. The essential requirements of the RED are

largely identical to those of the R&TTE Directive, so the situation regarding wireless modules will remain unchanged.

Jean-Louis Evans, Managing Director of TÜV SÜD Product Service, says: "The integration of wireless modules is going beyond the more traditional market, such as laptops and mobile phones, and they are now being included in everything from domestic fridges to industrial machinery. The problem is that while these wireless modules are being sold to manufacturers as being compliant, once they are integrated into another product that changes the rules."

#### Surveillance authorities

He continues: "Manufacturers are assuming that because the wireless module is compliant, that they do not have to do any more tests to declare against different standards – this is wrong. Market surveillance authorities can come down hard on manufacturers that supply non-compliant equipment to the market and ignorance of the rules is no excuse."

The most common method of demonstrating compliance with the R&TTE essential requirements is by using 'Harmonised Standards'. These are written and published under an EU



mandate, and provide a 'presumption of conformity' (or compliance), provided they are applied in full. However, Harmonised Standards are always evolving, and manufacturers must keep abreast of them if they are to continue placing products on the EU market.

In the USA and Canada, the use of wireless modules is also commonplace, but these countries have formal approval processes in place, so the routes to compliance are reasonably clear compared to Europe. However, the Federal Communications Commission (FCC) rules can be difficult to understand. So, for those wishing to export products to North America, it may be prudent to seek guidance from an authorised test laboratory or from an FCC-designated Telecommunications Certification Body.

[www.tuv-sud.co.uk](http://www.tuv-sud.co.uk)

## New format for Southern Manufacturing 2015

**S**outhern Manufacturing & Electronics returns to FIVE, Farnborough, on February 10th, 11th and 12th 2015. Next year's event will see some significant changes and improvements, including moving to a three-day format for the first time in its twenty year history.

The move to a three-day event, is designed to ease the traffic burden on roads in and out of the site and improve access for those visiting by car. In addition, the 2015 show will feature a different internal layout, designed to

improve visitor flow around the venue, together with a number of other improvements including an increase in the number of event stewards on duty.

Following the disruption to the 2014 event caused by the exceptional weather conditions, organiser, European Trade & Exhibition Services (ETES) has been engaged in lengthy negotiations with the show's insurers. Having now concluded these negotiations, ETES has announced that the monies it has received for its claim are to be used in their entirety as a goodwill gesture. Consequently all



2014 exhibitors rebooking for 2015 will receive a credit note equal to 20% of their 2014 stand cost.

Show director Phil Valentine said: "I am delighted to be able to announce this goodwill gesture, which we hope will go some way to showing our appreciation for the patience and support we have received from our valued exhibitors."

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