

ENGINEER

Specialist journal for Ireland

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THRIGE-SCOTT



*Committed to
Customer Service*

*A Partnership
to minimise your
cost of motive power*

Technical Services

Thrige-Scott, as an ABB Motor Service Partner have the facilities to carry out modifications and repairs to the highest standards.

Services include:

- AC and DC motor overhauls, repairs and rewinds to AEMT guidelines
- Electrical contracting and testing
- AC and DC motor load testing
- Approved repairs to explosion proof motors
- Motor modifications; such as fitting heaters, thermistors, encoders and forced vent units
- Energy monitoring
- Site monitoring
- Recycling of motors and drives

Facilities available:

- Dynamic Balancing
- Vibration Monitoring
- Laser Alignment
- Thermography
- Load Test Facilities
- Vacuum Pressure Impregnation
- Core Loss Analysis (coming soon)

AEMT

THRIGE-SCOTT



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ABB motor service partner



25. Leica DC150: 3.3-Megapixel Camera for Professional Microscopy

Leica Microsystems, the microscopy, digital imaging and image management software specialist, has extended its range with the excellent Leica DC 150 digital camera for professional and home use. When attached to a microscope (with or without photobus), the 3.34-megapixel compact camera with its 6.6-megapixel shift technology is suitable for almost any application in industry, medicine, education and research, and produces stunning images with a resolution of 2032 x 1536 pixels. To do so, it makes use of high advanced technologies in order to increase resolution, image sharpness and colour reproduction accuracy. For further information contact Andrea Burt on +44 (0) 1908 246246.



26. New servos cut up to 30% off the cost of Servo Systems

Lenze, one of Europe's leading manufacturers of drive technology and automation systems, has launched a new range of servo motors and drives that are designed to replace top-end stepper systems with increased performance and competitive prices. Called the Panasonic S-Series, the new range offers OEMs, system builders and end users the opportunity to reduce build or replacement costs. Key advantages are the small size and low inertia of the motors, with high peak torques, giving improved machine performance. S-Series offers savings as high as 30% compared to previous costs. S-Series motors and drives are available from Lenze Ltd in 5 frame sizes, covering power outputs from 50 to 750W and representing rated torques from 0.16 to 2.4Nm. The motors are rated up to 5000 r/min and have a built in 2500 pulse encoder as standard. For further information contact Geoff Spear on 01234 321200.



27. Adding choice to Avibulb breakstem fasteners

Textron Fastening Systems (TFS) has extended its range of Avibulb breakstem fasteners with a new 6mm diameter version. The all steel blind fastener is now available in four sizes ranging from 3.2mm to 6.0mm. Because Avibulb has a higher shear and tensile strength than most equivalent fasteners, it tends to be specified for high performance applications. This is especially the case when thin sheet metal is used, as the fastener's large blind side bearing area can easily spread the clamp load. Avibulb fasteners are manufactured to ensure positive stem retention, which is vital in electronics and automotive applications, where a loose stem can cause electrical failure or an unwanted rattle. The fasteners are supplied zinc plated and gold passivated. For further information contact +44(0)1707 668571



28. Single-width web press increases quality and speed

Quality and speed have been increased in a new single-width four-color web press for newspaper and commercial use, available worldwide from Dauphin Graphic Machines of Pennsylvania, USA. The DGM-440 provides cost effective back-to-back four-color printing with flexibility to accommodate pre-runs, preprints, inserts and other demands that cause production slowdowns on older presses. Available in heatset, non-heatset, and shaftless versions, it has a revised oiling system and other new features to provide simpler operation and longer life than previous models. The DGM-440, 440H, and 440S feature a single 20-gallon oil sump on each tower to balance temperatures and provide built-in cooling for longer press life without addition of aftermarket oil coolers. Operator side oiling includes a contained, positive, feed gravity return flow. For further information contact Cross Graphics Limited, on +0044-1442 216 868.



29. The Matrix from MHS

The versatile Matrix is a chameleon flat fronted radiator designed to be sited anywhere. The range comprises vertical and horizontal models, including a striking version incorporating a full-length mirror, ideal for bathroom, bedroom or hallway. Also in the range is a low line, high output convector radiator ideal for use in conservatories, or with room height fixed windows. Manufactured from high quality steel, the Matrix is guaranteed for five years against manufacturing defect and comes in three standard colours, warm white, cream white and grey white; with further colours available on request. Each radiator has the option of wall or floor mounting brackets, depending on application. The Matrix horizontal is available in 12 standard heights from 70 to 840mm and lengths from 500 to 600mm. The vertical Matrix is available in fourteen heights from 1000 to 3600mm and lengths from 70 to 1400mm. For further information contact Allen Engineering Ltd, MHS's Northern Ireland agents on 02890 370 269.



30. Seaward's new IR800 Tester

Seaward Electronic Ltd., number one in portable appliance testing, has launched a new hand held IR800 Insulation Resistance Tester for 16th Edition installation testing combining extensive test facilities with a number of special user friendly operating features. The new IR800 provides accurate insulation resistance measurements up to 2000 Mohms at test voltages of 250v, 500v ad 1,000v. Voltage measurement is provided up to 1000v AC or DC and resistance at 0-2,000 ohms. In addition, a special auto-lead compensation facility makes the tester suitable for low resistance measurements between 0 to 20 ohms. Other features include a lock function to continuously apply a test, an auto shut-off after 10 minutes (30 for a locked test) and automatic audio warnings of high voltage and low or high resistance. The IR800 is housed in a stylish new enclosure, which features a rotary switch for test level selection and a large test button. For further information contact Chris Ridley on 0191 586 3511.



31. New digital instrument uses Hydrogen tracer gas for industrial leak detection

The H2000, a new digital instrument which employs the H2 Method to detect, locate and measure leaks, has been introduced by Sensistor Technologies AB of Linköping, Sweden. The instrument uses a 5% hydrogen tracer gas to detect leaks as small as 5x10⁻⁷ mbar l/s. The H2000 is insensitive to other gases and also has the unique advantage of handling background levels of hydrogen gas. The H2000 from Sensistor Technologies has push-button calibration, is easy to operate and suitable for use in factory environments. The standard instrument, supplied with an H50 probe, is robust, small (measuring only 275mm x 155mm x 170mm) and weighs 4.6kg. However, it can also be supplied for panel mounting, if required. For further information contact Sensistor Technologies AB on +46 1335 5900.



32. Bespak plays its part in GSK's Advair success

Leading drug delivery technology company Bespak continues to demonstrate its manufacturing expertise and programme management flexibility by supporting the US launch of GlaxoSmithKline's new asthma medicine - Advair. Radical thinking has been called upon to ensure that Bespak can meet both the short, and medium-term, production goals set by GSK. Advair, like its European equivalent Seretide, is delivered using the Diskus device manufactured by Bespak. Following its recent launch, early market indications for Advair are very positive. The combined success of Seretide and Advair means Bespak needs to have the ability to double its Diskus capacity in the medium term. For further information contact Bespak UK headquarters on 01553 691000.