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Heason
Technology Limited

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IN THIS ISSUE

- Rotary Shutter - Nanomotion Have Again Excelled in Miniaturisation
- High Load Worm Gear Jacks
- Power PMAC from Delta Tau
- Heason Stainless Steel Rotary Actuators
- Heidenhain - Heason Motion Partner

IN BRIEF...

Sales Hotline....

If you have an enquiry or need to discuss an application with one of our Sales Engineers, please call our new sales hotline on **+44 (0)1403 755855**.

Heason Product Site

For more information on our wide range of products, please [click here](#)

Heason Solution Site

For more information about our motion solutions, please [click here](#) to visit our solutions website.

Heason Blog Site

Please [click here](#) to visit our blog site for up to date

MOTION CONTROL SOLUTIONS

Rotary Shutter - Nanomotion Have Again Excelled in Miniaturisation

Small and compact with control electronics built in, the RS08 is the smallest complete shutter solution on the market. The RS08 is the first shutter of its kind, utilizing a silent, miniature piezo actuator in an 8mm x 20mm package including the drive electronics.



The RS08 is designed to work from a 3.3v battery and supports travel ranges from 35° to 120°. Shutter blades can vary in size and material, up to a 25mm diameter paddle. Using Nanomotion's proprietary feedback system, the shutter is fully operational as a closed loop device, stopping on electrical limits to avoid any noise from a mechanical hardstop. Key features include:

- Silent operation – undetectable
- Low Surge Current
- Best SWaP Performance
- Mass: 2g
- Embedded drive & control electronics in shutter body
- Holding and braking without power consumption
- MIL-STD-810F Compliant for shock, vibration, and temperature – Safe & Reliable

Please [click here](#) for full details.

[Back to top](#)

High Load Worm Gear Jacks

Thomson's worm gear screw jacks MULI® and JUMBO® set new engineering standards for precision and reliability. These jacks meet all the necessary safety, cost-efficiency, and



information and news.

[Heason TV....](#)

[Click here](#) to check out some exciting footage of our products on Heason TV.

[Variohm Holdings Site](#)

Please [click here](#) to visit the Variohm Holdings group website.

[Need a Sensor or Transducer?](#)

Ixthus Instrumentation specialises in non-contact position sensors...

[Visit Ixthus website](#)

Variohm EuroSensor for position, pressure, load, temperature, vibration, torque and force sensors...

[Visit Variohm website](#)

FUTURE EVENTS

[Heason's Forthcoming Events....](#)

Please keep a look out for forthcoming coming events at Heason. Our website is regularly updated to show more exhibitions and events that we are exhibiting at.

[Forthcoming events at Heason...](#)

[Onsite Product Demo?](#)

Ever fancied having a dedicated product demonstration at your own premises? Now you can... Heason are now running product demos so you have a chance to try before you buy!

Please contact one of our Sales Engineers for more information on **+44 (0)1403 755855**.

durability mandates of your application.

Large projects can be realized at short notice thanks to the use of preassembled modules. These modules can be customized to your application's specifications. Above all, the heart of every MULI® and JUMBO® screw jack is a precision trapezoidal or ball screw drive of superb quality from Thomson's own screw production.

In general, there are two worm gear screw jack considerations:

- Trapezoidal screw for rough conditions and good price/performance ratio
- Ball screw for long duty cycle, high efficiency, and high positioning accuracy

Please [click here](#) for more information.

[Back to top](#)

Power PMAC from Delta Tau

The world's most flexible and powerful motion controller for high-end applications, backed by 30 years of motion control experience. The Power PMAC is Delta Tau's 7th generation motion controller. It provides a high level of performance, flexibility and reliability.



The Power PMAC is a motion controller and computer rolled in to one. This multi-tasking machine gives you the cost effectiveness of controlling different machines with one product.

With its advanced servo and kinematic algorithms, the Power PMAC allows you to be more competitive and profitable.

For more information please [click here](#).

[Back to top](#)

Heason Stainless Steel Rotary Actuators

Heason are now able to offer a range of stainless steel rotary servo actuators with combinations of standard ABB SSBSM series of motors and the AquaTrue range of planetary gearheads from Thomson Micron. The AquaTRUE combines Thomson Micron's True Planetary high performance and torque capacity (up to 876Nm) with 304 Stainless Steel housing and IP66/67 protection ratings which are able to handle high pressure washdown & caustic chemical cleaning without the possibility of rust or corrosion.



With a large performance range of motors from the ABB SSBSM range including low inertia version, multiple feedback options and variety of

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frame sizes Heason are able to provide a stainless rotary actuator solution for almost any food processing, pharmaceutical or high hygiene applications.

Please [click here](#) to read more about the AquaTRUE range.

If you're interested in these product, please [click here](#) to email a member of our sales team.

[Back to top](#)

Heidenhain - Heason Motion Partner

Heidenhain – more products for more applications...

With probably the largest portfolio of position feedback devices (encoders) of any single manufacturer, Heidenhain is uniquely placed to offer the most appropriate position feedback device for any application. Combining this with Heason's ability to integrate encoders into motion control and positioning systems, allows systems to be built that exceed customers expectations.



The Heidenhain encoder range, including linear and rotary encoders, operate use optics in the majority of cases. Optical gratings are inherently stable and maintain their accuracy over time. For the scientific industry Heidenhain offer vacuum encoders and encoders with extremely high accuracies -both linear and rotary. Large bore rotary encoders and flexible tape encoders are also now finding a greater number of applications and Heidenhain is now able to offer truly absolute linear encoders up to 28m long with resolution down to 1nm. Size does matter, and with access to products from other Heidenhain group companies such as Numerik Jena, very small size encoders are available for positioning stages.

Absolute position encoders have become more widely used as the drives and motion controllers on offer from Heason include the EnDat absolute encoder interface. This enables systems to be put together that require no referencing routines after a power cycle. Heidenhain supports its products both directly through country based subsidiaries throughout the world, and through distributors such as Heason who add value by being able to provide more solution based options to meet customer requirements.

Please [click here](#) to read more about Heidenhain.

[Back to top](#)

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