



Motor Technology News - March 2013

Price drop on high performance drives



The new ARS2000-SE range with Ethernet and USB connectivity, Safe-torque-off and four times peak current.

Our German supplier, Metronix, has launched a new range of drives that cuts costs to customers, typically by up to 20%. Metronix have achieved this by cutting out features that are not needed in a lot of applications. Despite this the new **ARS 2000-SE range** retains all the high performance benefits of the existing ARS 2000 series and even adds a few.

The new drives have a high peak current capability of four times the continuous output rating - up to twice that of many similar drives - allowing the speed of moves and the throughput of machines to be increased by 17-25%. This is also a very useful feature for applications with intermittent high acceleration rates such as on linear motors. Metronix tell us that in tests the drives increase automation productivity by 5-7% in typical continuous processing applications.

[More information](#)

The right solutions for our customers



The Seidel 60WKS in various guises. Still supplied and serviced by us nearly 30 years on.

At **Motor Technology** our philosophy is to provide customers with solutions that suit them rather than trying to sell something that suits us, as is often the case with large manufacturers. We have access to a wide range of products from different suppliers, including second hand and refurbished products. We can even supply legacy products that are essentially discontinued lines manufactured under license.

A lot of our customers are using old technology, and when it's functioning perfectly there's rarely any point in trying to replace old for new, with all the expense that would go with it. We specialise in servicing and repairing old analogue products so we can keep you operational without the need to upgrade. Very often we can replace old analogue products with unused or refurbished units that are like for like, drop-in replacements.

[More information](#)

Pick up a bargain at our eBay store

Our ebay store has been open for over nine years now and some of our customers are using it regularly to pick up some real bargains. We're trading under the eBay identity **euroServo** and it's our outlet store for a wide range of servo and automation components.

Not only is it a great place to pick up a bargain but it's also a great source for older, discontinued product lines, many of which are new and unused, stock items. If you're running an older automation system our ebay store is a great place to find spare parts to help you keep it operational for longer. If you can't find what you need in our e-bay store then just e-mail us or give us a call. We specialise in sourcing hard to find components!

[Visit the store](#)

Dictionary: What is Jerk Limitation?

Jerk Limitation is a function of a position controller with which the reference variables are set such that jerks in the motion sequence are largely avoided. This leads to smoother motion and allows faster and more accurate travel as less vibration is induced.

This is an extract from the Dictionary of Electrical Drive Technology, published by Festo and worth £14.99. We're offering copies completely free of charge exclusively to readers of Motor Technology News. It's a very handy reference book to have on your desk! Get your free copy now by **e-mailing us your name and address** and be quick as we've only got a limited supply.

Further definitions of "Jerk" and "Jerk Limitation" in motion control applications can also be found on [Wikipedia](#).



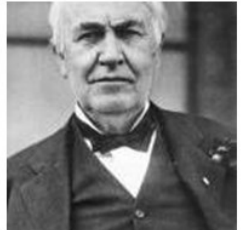
Festo's Dictionary of Drive Technology contains almost 200 pages of technical references.

MOOG

In partnership with Moog

We're absolutely delighted to be able to announce that we've teamed up with one of the most innovative, high-quality manufacturers of precision motion control products and systems, Moog, and are now their authorised sales partner.

[Click here to learn more...](#)



Famous false 'facts' – who invented the light bulb?

Everyone knows who invented the lightbulb, it was Thomas Edison, right?

It's one of those facts that just rolls off the tongue or has people muttering, 'easy,' and shaking their heads in pub quizzes while they scribble down the answer.

But it's completely wrong, and it's perhaps one of the most famous incorrect 'facts' of modern times.

[Click here to learn more...](#)



Puzzle Corner: Mix up at the apple farm

There has been a mix up with the apples at the apple farm.

There are 10 baskets of apples waiting to be loaded onto a lorry and taken to market.

Can you help?

[Click here to learn more...](#)



We're ISO 9001 Accredited

We've been operating high standards of quality control and record keeping for decades and we are pleased to announce that we have achieved accreditation to ISO 9001:2008.

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