

HepcoMotion®

# Ideas in Motion...

Issue 1



## All-in-one actuation and guidance

You need a driven linear system but space is tight. What's the answer? With HPS Powerslide-2 you get all-in-one actuation and linear guidance in an extremely compact package. And the benefits don't stop there. This system provides many advantages over traditional piston cylinder designs. Longer strokes and built-in end-of-stroke cushioning are just two examples. So what else does HPS have to offer?

- Tight sealing for harsh environment operation and long life
- Strong but lightweight construction thanks to a clever choice of materials
- Availability in lengths of up to 6 metres as standard
- Double row bearings for exceptional load carrying capacity and system rigidity
- A range that includes a standard corrosion-resistant version

As so many users have found, HPS is amazingly versatile. Simply mix and match from a family of components to achieve the optimum system for your application.

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### Dear Valued Customer

#### Your time is precious.

So to keep you up to date on the world of linear motion we have distilled our news into a clear and concise newsletter. A brief resume of each item leads you to a link for more information on new products, product updates, events and news.

There are also engineering hints and tips to help you get the most from your investment in Hepco.

**Read on for our first edition.**

### CAD AT A KEYSTROKE

The HepcoMotion® website has always featured a first-rate CAD section. It is designed to provide you with swift and easy access to 3D models, technical specifications and performance data.

But we know that many of our customers still rely on packages such as AutoCAD LT, so in our latest upgrade we have re-introduced 2D CAD. And, of course, new additions to our range are available in both formats.



## Turnkey system to drive down the decibels

*"We were very happy with how HepcoMotion® handled the integration of SmartDrive electronics and drive motors. It's a good-looking linear motion system that is very accurate, useful and future-proof."*

Chris Lewis, Institute of Sound and Vibration Research, Southampton University.

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To broaden its knowledge of how noise from its aero engine components impacts on the environment, Rolls Royce is sponsoring Southampton University to undertake important research work. This involves measuring the noise from all directions in an anechoic chamber. Carrying the microphone to given positions in the chamber is the responsibility of a HepcoMotion® linear motion system that was supplied complete with control and custom-written software.

## Getting the best performance

High acceleration and deceleration can reduce system life. HepcoMotion's® ability to adjust the preload to suit the application is therefore an important cost-saving benefit.

Our twin-type bearings allow the friction resistance to be set accordingly to minimise wear. Cap seals and the option of special lubrication in the bearings mean we can satisfy the most demanding of applications.

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events and  
exhibitions

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