

HepcoMotion®

The Complete Linear Solution

PRODUCT RELEASE

SEALED BELT LINEAR ACTUATOR, HIGH STIFFNESS VERSION

Technology leader, HepcoMotion®, has introduced a new addition to its Sealed Belt Drive (SBD) linear motion product programme that is ideal for systems whose main credentials are high loads and long spans. In essence the new SBD 30-100XL is 2.5 times stiffer than its standard counterpart and has greater load bearing capabilities.

The [HepcoMotion® SBD](#) is a high performing yet cost competitive product that provides a compact and exceptionally clean solution. And because it is sealed, it keeps on working in applications where other systems readily fail. A stainless steel cover strip runs the entire length of the high



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strength aluminium beam which houses the linear guide and belt and provides excellent protection against dirt and debris.

It's this anodised aluminium beam that is the differentiator on the SBD 30-100XL. The greater stiffness of the 100mm wide beam on this new product makes it ideal for any application where underside support is limited or even non-existent. It can also be used to span two parallel X axis', subject to load, with no further support.

In common with other products in the SBD range, the SBD 30-100XL is suitable for high speed operation, generally up to 4m/sec., and driven by a polyurethane steel-reinforced, 50mm wide, toothed belt. Its tension is factory set but adjustments can easily be made via tensioning screws.

Supplied in lengths up to 6m in one piece as standard, SBD 30-100XL units can also be joined together to achieve virtually unlimited length systems. Naturally the beam profiles and T-slots are compatible with the HepcoMotion® [MCS Machine Construction System](#) and its extensive range of accessories, enabling this new product to be incorporated into bespoke machines or handling systems.

[Please click here to view the SBD30-100XL Datasheet.](#)

The logo for HepcoMotion, featuring the brand name in a bold, black, sans-serif font with a registered trademark symbol, set against a white rounded rectangular background.The logo for HEPCO, with the word 'HEPCO' in a stylized, bold, blue font with a white outline, positioned above the website address 'www.HepcoMotion.com' in a smaller, black, sans-serif font.