

INNOVATION & PERFORMANCE

CanStack PM Stepper

Linear Movement -
Directly Coupled

Fewer mechanical
components

Higher performance
Easier to integrate
Less inventory items
Longer machine life
Lower cost of ownership

Our 7.5 or 15 degree actuators drive an integrated threaded screw through the body of the motor via a rotor magnet and threaded nut assembly to provide linear motion within the machine. Portescap's CanStack Vectors are available in frame sizes from 20 to 57mm with various resolutions and deliver from 11 to 121 N of linear force. We also have geared linear actuator units where a built-in gear delivers higher forces and greater accuracies with resolutions down to a few microns per step. AC synchronous versions are also available. Portescap will eagerly advise the best actuator choice for your application.

In addition to the advantages of the CanStack Vector technology, Portescap can also help you to take your application to the next level by exploring even more complex designs to further improve the integration and reduce the total assembly time of your entire motion system. Our experienced team of design engineers can customize to exceed your motion performance specifications, simplify your design and develop a "plug and play" integrated actuation system for your machine. For this reason, Portescap is often chosen by many of today's leading device manufacturers in the Medical, Lab Automation, HVAC&R and Security & Access industries.



CANSTACK VECTOR DESIGNATION

