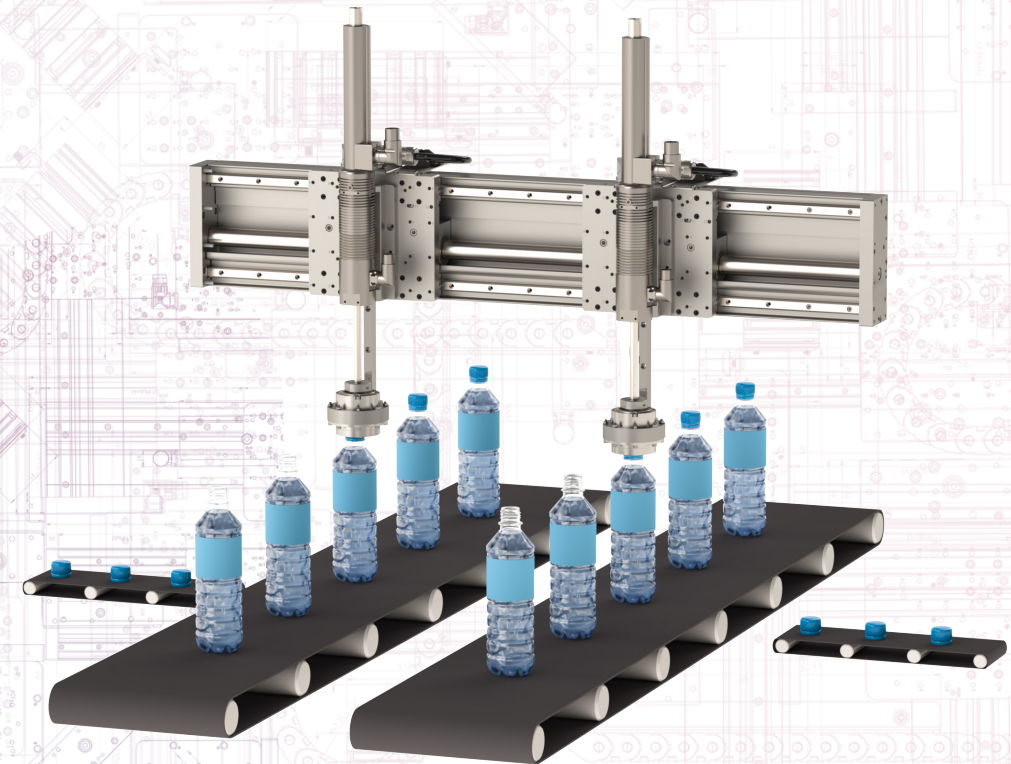
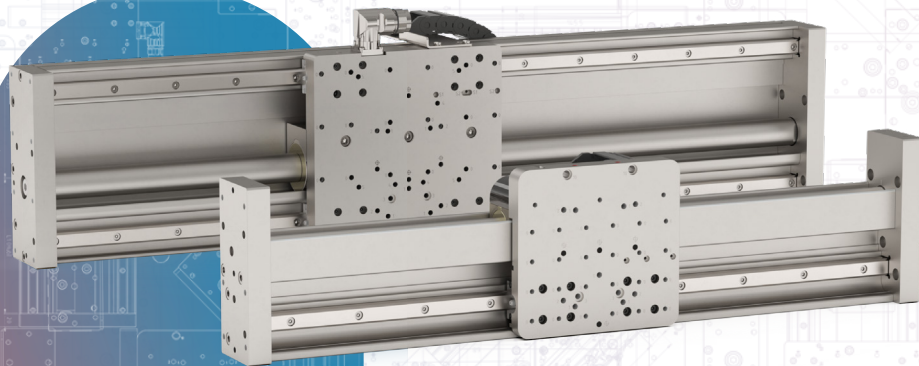


LinMot®

LinMot Linearmodules EM/FM

Wide Range of Application with LinMot Linearmodules EM01/FM01

The modularity of the FM and EM modules with the complete LinMot product family opens up a wide range of applications to the user. Up to 8 stators can be realised on a single linear module, which significantly increases versatility.



Smart solutions are driven by
LinMot

LinMot FM01 and EM01 modules are complete drive solutions consisting of a linear guide and an integrated LinMot linear motor

LINEARMODULES

FM01

The LinMot FM01 Linearmodules have low friction and can absorb high torques, allowing cantilever loads.



Peak Forces
Over 1000N



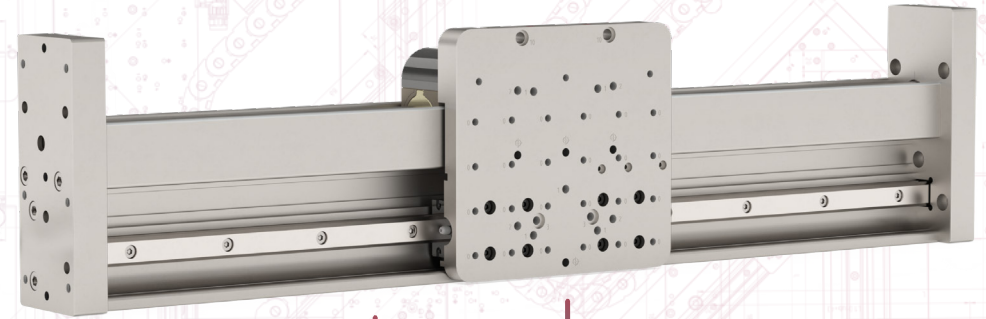
High Load
Capacity



Adapterless
Connection of Modules



Easy Load
Installation



Optionally with incremental or
absolute external sensor

Mounting plate with counter bores for
precise and easy load mounting



Long Service Life



Ready-to-Install



High Dynamics



Strokes up to 2m

The mechanical construction is based on a special aluminium profile to which up to two high-precision profiled rail guides are attached. The use of ball bearings in the carriages ensures reliable and trouble-free operation, absorbing external forces, torques and bending moments.

These products offer high guidance accuracy and allow dynamic and precise positioning of the load. They can be assembled into a gantry or semi-gantry design without additional adapters and are mechanically compatible with many other LinMot products. All this, together with the ability to drive multiple stators on the same guide, makes the linear modules a powerful tool for any automation task.

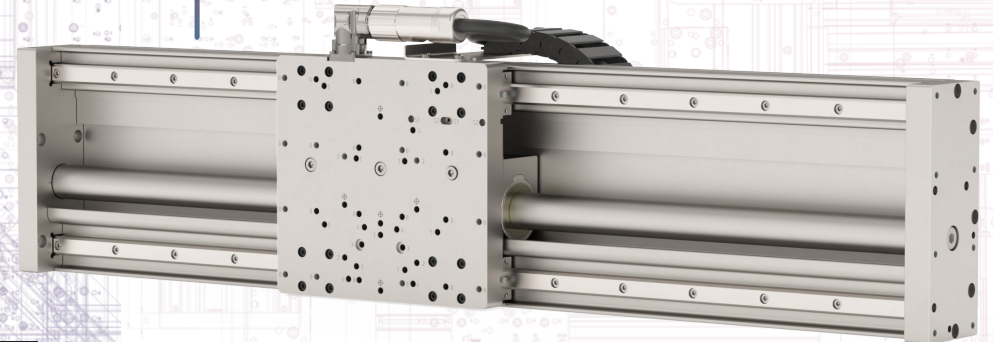
LINEARMODULES

EM01

The EM01 Linear Modules are optimised for heavy loads and long load duration. Two parallel guide rails and carriages eliminate torsional vibrations. A heavy-duty version of the EM01 module with four carriages on two rails provides even greater mechanical rigidity.

Two high precision profile rails and up
to four carriages for high load capacity
and extremely low torsional vibrations

Cable chain for reduced cable stress



ALL LINEAR MOTION FROM A SINGLE SOURCE

Would you like to know more about LinMot Products?
Discover all the advantages of the EM and FM
Modules on our website and set the future of your
machines in motion.



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