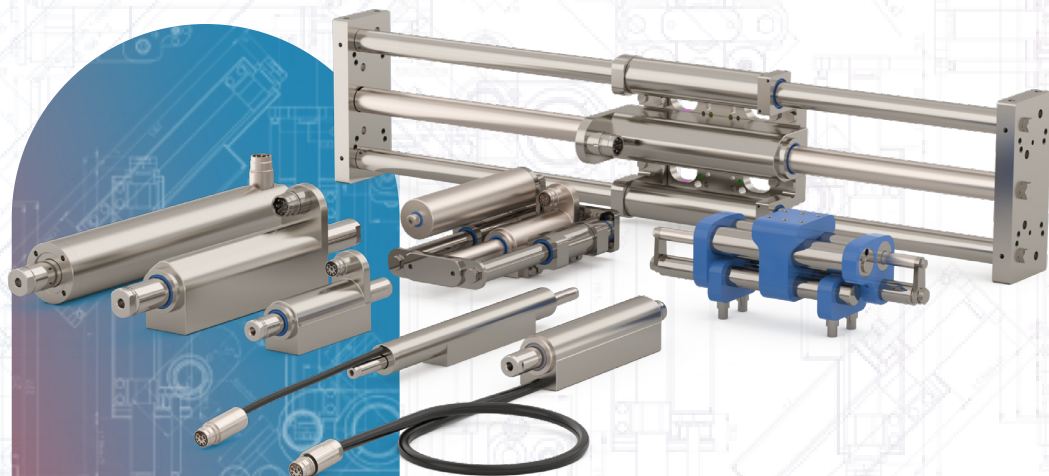


LinMot®

LinMot Stainless Steel Products



Smart solutions are driven by
LinMot

LinMot Stainless Steel Products Hygiene at the highest level

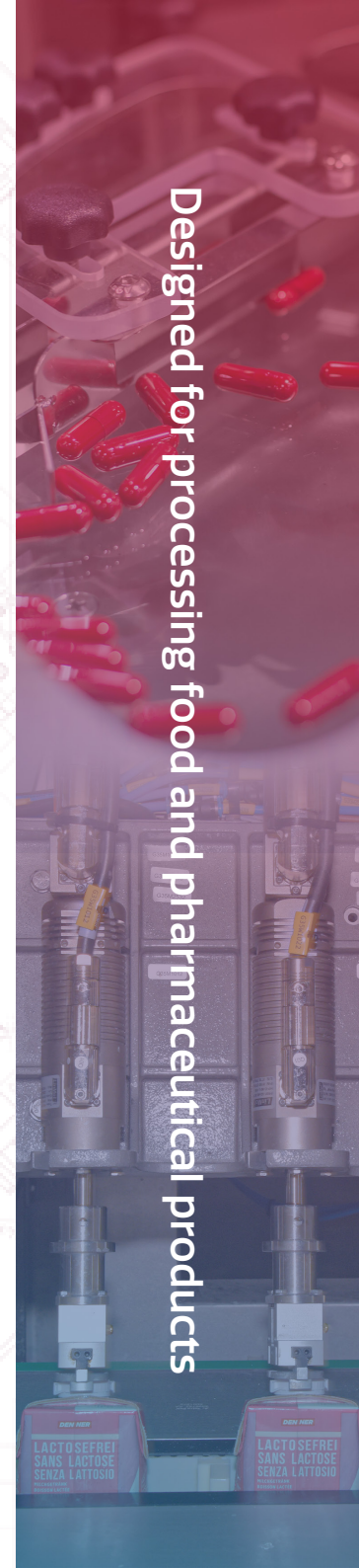
LinMot stainless steel products offer the highest level of hygiene. The compact linear motors and guides as well as the linear modules and grippers are designed for demanding environments and are made of stainless steel EN 1.4404/AISI 316. The motors are designed without unnecessary edges, corners, holes and screw connections to prevent dirt accumulation. They can be used in food or pharmaceutical processing systems. Here they can easily withstand extremely harsh or corrosive conditions and can be cleaned with all standard industrial detergents.

The windings of the linear motors are fully encapsulated in epoxy resin, protecting the copper filling and the stator pack from condensation and corrosion. Thanks to the high degree of sealing, they meet the IP69K protection class according to DIN EN 60529. The special plastic bearings ensure easy cleaning and significant time savings in wash-down applications. In addition, the actuators are ideally suited for in-place cleaning processes such as CIP and SIP.

For temperature monitoring, all linear motors are fitted with sensors that transmit data to the drive. The data can be evaluated in the PLC so that the motor can be kept within a constant temperature range depending on the process (e.g. food such as fish). As an option, LinMot offers integrated water cooling for low surface temperatures on some motor types, resulting in higher performance with reduced germ formation.

- Hygienic design for demanding environments
- Meets the requirements of IP69K according to DIN EN 60529
- Easy to clean with industry standard detergents
- Optional integrated water cooling for low surface temperatures

Designed for processing food and pharmaceutical products



LINEAR MOTORS

High corrosion resistance

Stainless steel 1.4404 (AISI 316L) for the highest level of hygiene

LINEAR GUIDES

Welded joints without seals

SSCP



The intelligent design of the SSCP stainless steel linear motors allows a larger slider diameter to be used for the same stator size, resulting in significantly improved performance. The motor housing is vacuum cast to prevent condensation inside the motor.

- FDA approved polymer bearings
- For high protection applications
- Single cable solution with LinMot encoder technology
- High motor protection up to IP69 according to DIN EN 60529

SSC



Special attention has been paid to hygienic design in the construction of the SSC family of motors. In order to avoid the accumulation of dirt, the motor has been designed without any unnecessary edges, corners, holes or screw connections. In addition, all connections are welded, eliminating the need for seals.

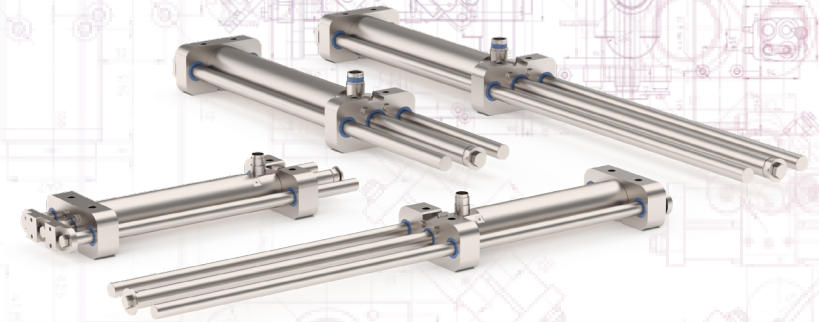
- Fully enclosed (IP69K)
- Welded joints
- Integrated water cooling optional
- Models also available with 3x400VAC technology

H01



The compact stainless steel H01 series consists of two guide blocks, two guide shafts and a mounting plate for the load. Precise movement is ensured by hardened shafts mounted on plastic plain bearings. The bearing material is FDA approved.

- FDA approved plain bearings
- Hardened stainless steel shafts
- Fully flushable motor interior
- Chamfered and rounded surfaces



Perfect for
Pharma Industry



Hygienic
Design



High
Chemical Resistance



Perfect for
Washdown



Perfect for
Food Industry

LINEAR MODULES

Washdown with IP69 protection

Stainless steel 1.4404 (AISI 316L) for the highest level of hygiene

GRIPPER

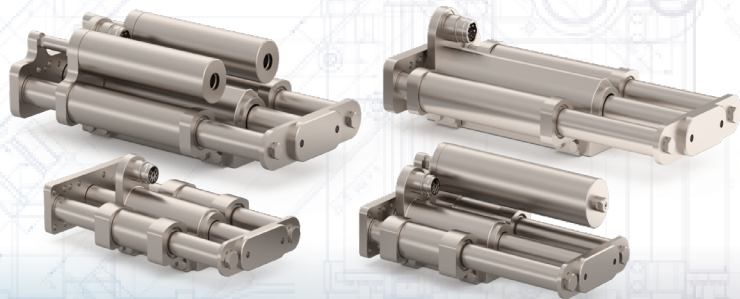
Extremely high dynamics

SM01



The SM01/SM02 linear modules are complete drive solutions consisting of linear guides with integrated LinMot linear motors and optionally attached „MagSpring“ vertical load compensation elements. The modules have been specially developed for applications in the pharmaceutical and food industries.

- Motor housing and mounting parts in stainless steel
- Guide rods optionally in surface hardened stainless steel
- Optimally designed for in-place cleaning processes such as CIP and SIP.



Perfect for
Pharma Industry

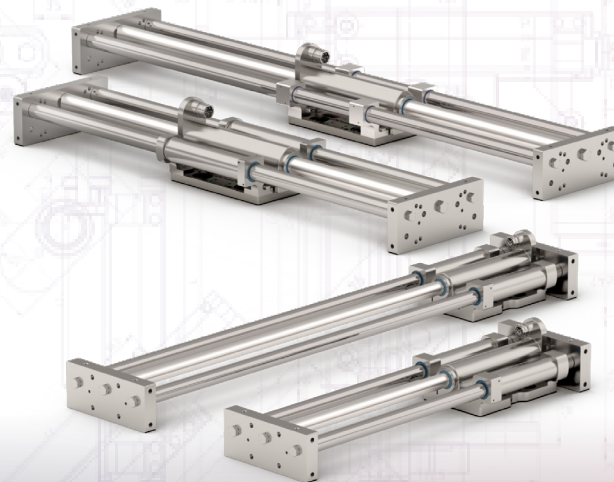


Hygienic
Design

SM02



- High chemical resistance
- Equipped with plug and play technology
- Moving-stator principle for long, dynamic movements
- Particularly suitable for pharmaceutical and food industries



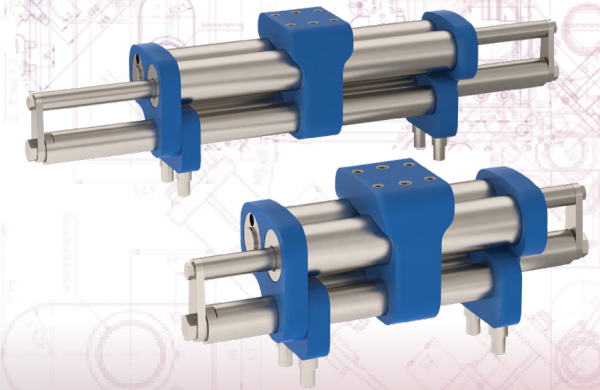
High
Chemical Resistance

GM01



The flexibility of the gripper allows dry, moist or soft products to be gently gripped and transported without leaving visible marks. The hygienic design and high IP69 protection rating make the gripper easy to clean and suitable for use in the food and pharmaceutical industries.

- Lightweight materials (FDA)
- Washdown stainless steel EN 1.4404 / POM
- 100% process control and traceability
- High degree of freedom for position and clamping force



Perfect for
Washdown



Perfect for
Food Industry

ALL LINEAR MOTION FROM A SINGLE SOURCE

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



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