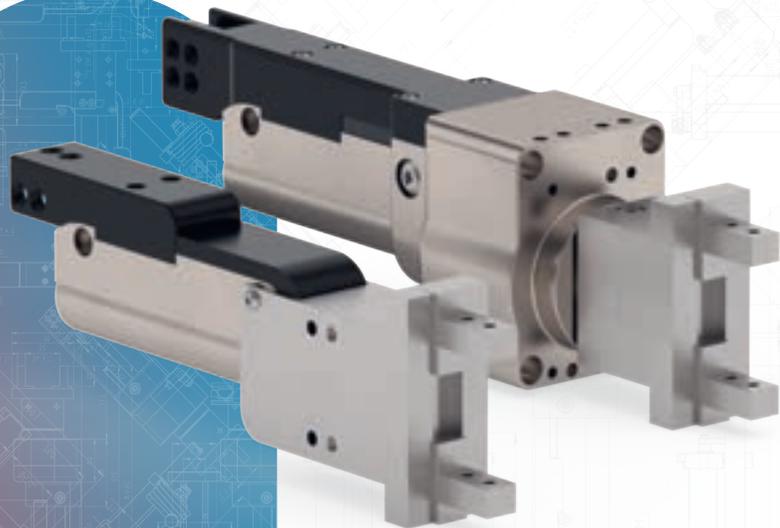


**LinMot®**

# LinMot Gripper Modules GM50/GM51

Precision meets speed  
**New generation gripper technology**



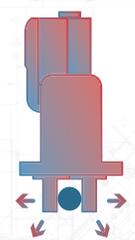
The LinMot GM50 and GM51 grippers are highly dynamic solutions for demanding pick-and-place, assembly and screwing tasks. In addition to fast closing and opening times of less than 20 milliseconds, they enable precise finger positioning and exact force control, allowing gripping movements to be individually adapted and made particularly gentle. In addition, the position of the gripper fingers is monitored by the linear motor, eliminating the need for external sensors and cables. All gripper models have a built-in adapter for trailing chains and cables.

- Fast gripping with less than 20 ms closing and opening time
- Smooth gripping thanks to freely programmable motion profiles
- No energy consumption in open or closed position
- Maintains gripping force in case of power failure, easy to open by hand
- Compatible with all common Ethernet interfaces and fieldbuses
- Integrated adapter for trailing chain and cable

Smart solutions are driven by  
**LinMot**

The first product in this new range of parallel grippers, the GM50, is a high-speed electric gripper designed to handle light objects at lightning speed. The gripper fingers are controlled by multi-functional LinMot servo drives, making their motion characteristics freely programmable. This means that application-specific requirements for speed, positioning and force application can be optimally met.

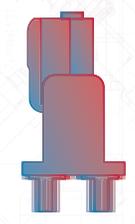
# GM50 Programmable high-speed gripper



Freely programmable motion profiles



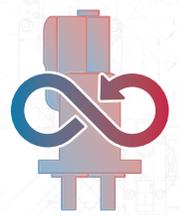
Sustainable with low energy consumption



Less than 20ms opening and closing time



Force monitoring through linear motor



Rotary motor with endless rotation

Precision meets speed  
**New generation gripper technology**



# GM51 Programmable high-speed rotary gripper

The GM51 also has an integrated rotary motor with endless rotation. This makes the parallel gripper particularly suitable for dynamic positioning as well as assembly and screwing tasks and, thanks to the accuracy of the absolute encoder, offers high precision in angular positioning. In addition, the position of the gripper fingers is monitored by the linear motor, eliminating the need for external sensors and cables.

# ALL LINEAR MOTION FROM A SINGLE SOURCE

Would you like to know more about LinMot Products?  
Discover all the advantages of the new Gripper  
modules GM50 and GM51 on our website and set the  
future of your machines in motion.



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