

# ORIGA HMR

## We Drive the Future.

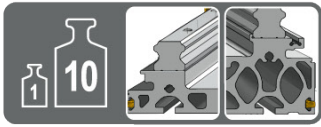
Origa – Simply the first

aerospace  
climate control  
electromechanical  
filtration  
fluid & gas handling  
hydraulics  
**pneumatics**  
process control  
sealing & shielding



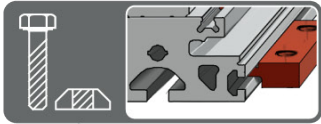
ENGINEERING YOUR SUCCESS.

# ORIGA HMR Electromechanical Linear Actuators



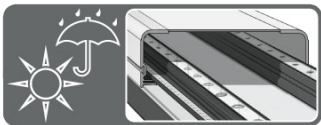
## Profile designs

- Basic profile for assembling directly to the machine base
- Reinforced profile for self-supporting assembly



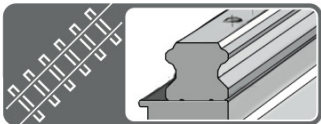
## Mounting systems

- Integrated T-slots for attaching from below and from the side



## Protection classes

- Without cover: IP20
- With cover: IP54



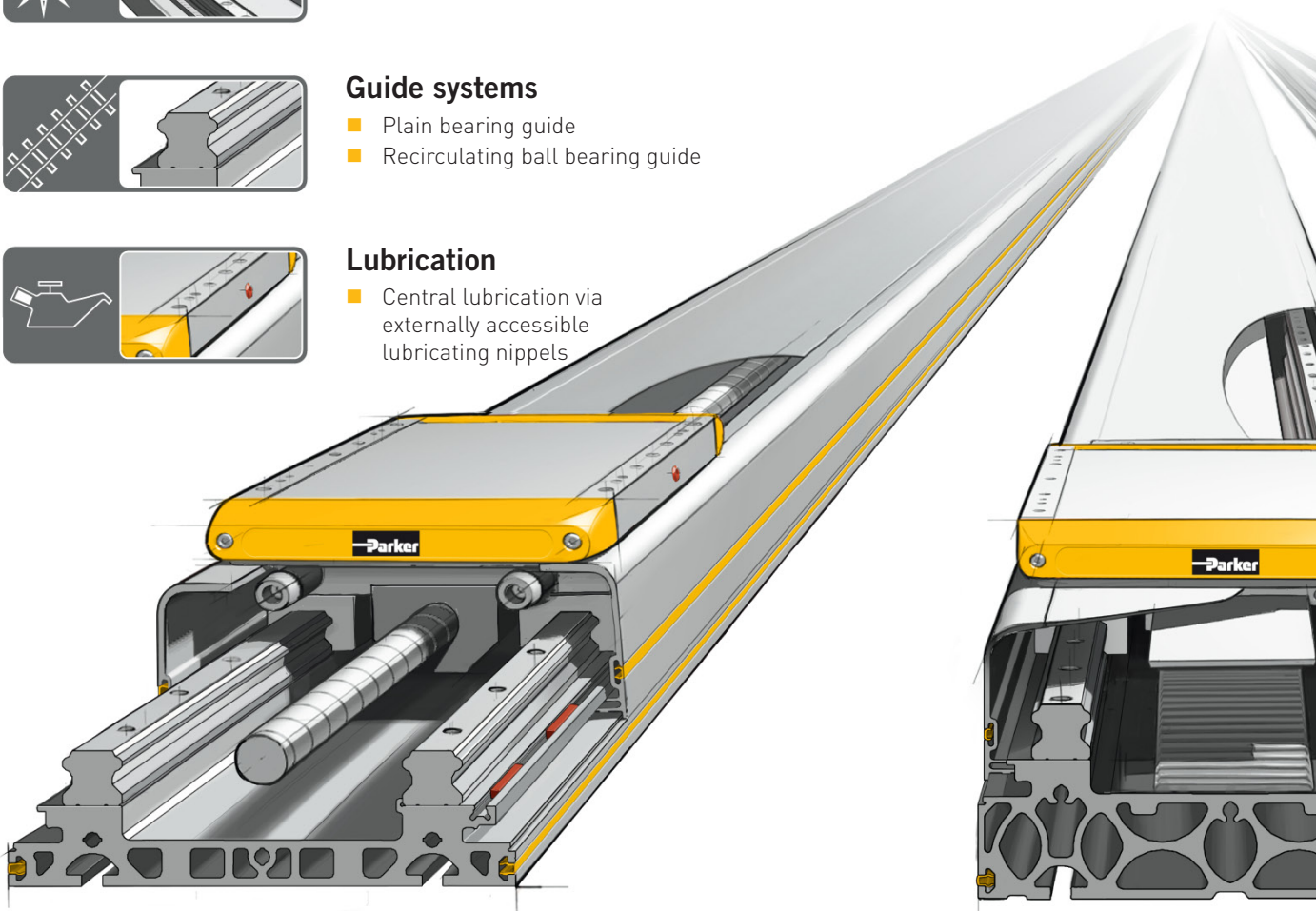
## Guide systems

- Plain bearing guide
- Recirculating ball bearing guide



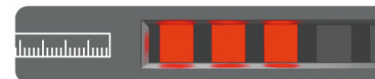
## Lubrication

- Central lubrication via externally accessible lubricating nipples



## Screw drive

The solution for precise path and position control for medium loads



## Toothed belt drive

The solution for fast path and position control for medium loads

We drive the future - with screw, toothed belt or linear motor.

**Position sensing**

- Integrated, adjustable position switch for end positions and homing



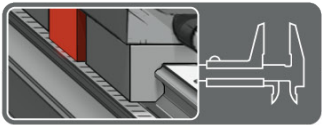
**Impact protection**

- Integrated shock absorbers for both end positions



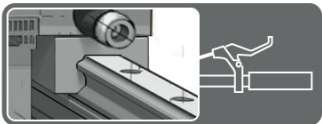
**Distance measurement**

- Contact-free, incremental displacement measuring system



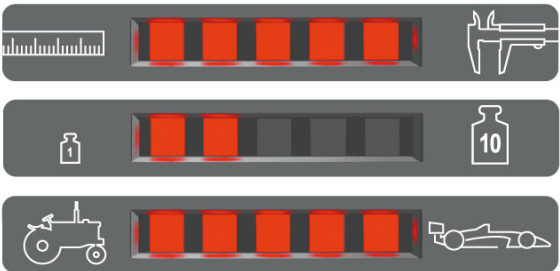
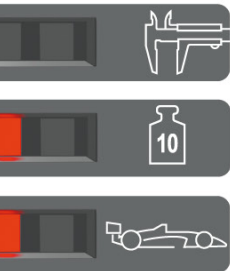
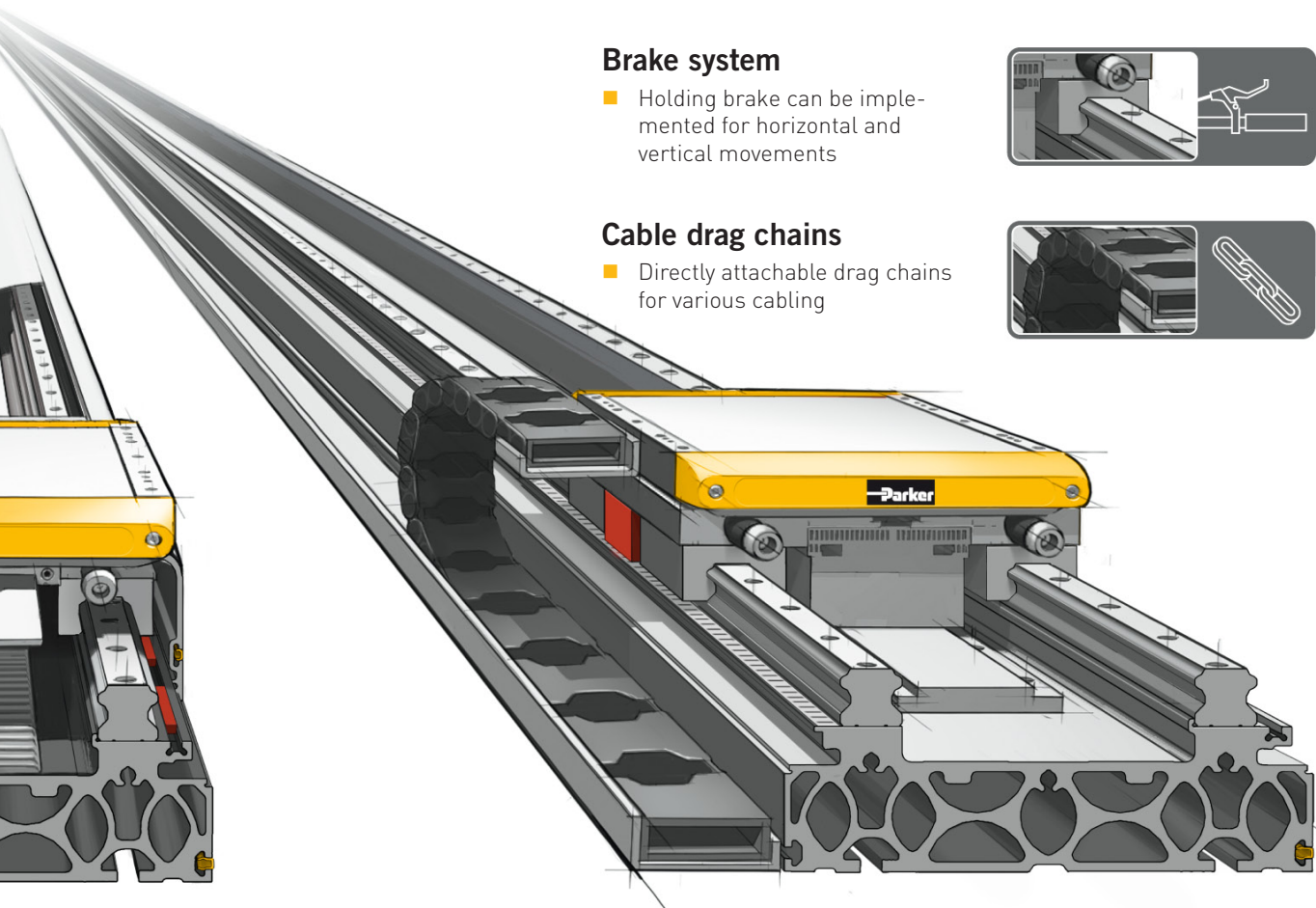
**Brake system**

- Holding brake can be implemented for horizontal and vertical movements



**Cable drag chains**

- Directly attachable drag chains for various cabling



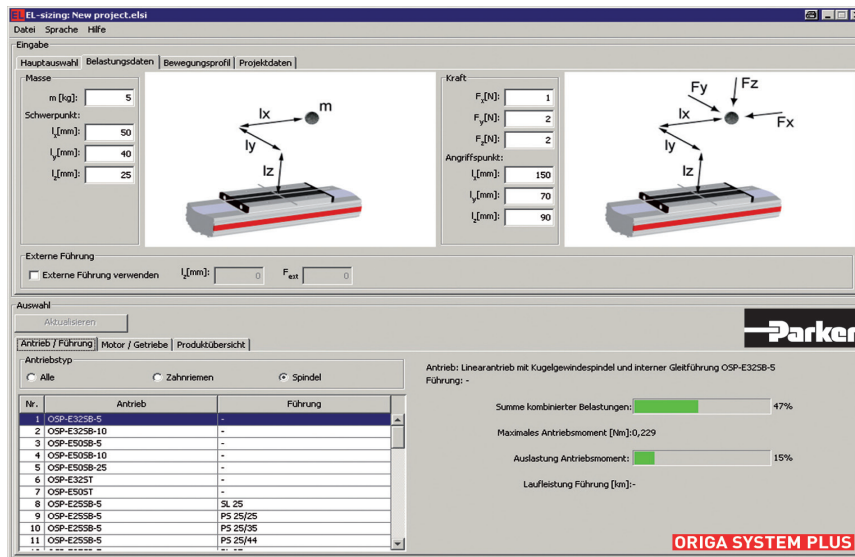
**Linear motor drive**

The solution for fast travel with the greatest possible dynamics and precision

# EL Sizing

The dimensioning program for electromechanical linear actuators

Available on CD-ROM or as a download from [www.parker-origa.com](http://www.parker-origa.com)



Coming soon for HMR

