



We pioneer motion

UPLplus

Ironless linear motor series

Schaeffler system platform

Highly dynamic lightweight UPLplus linear motors

We are following the lightweight construction trend that is visible in automation with the new ironless UPLplus linear motor series from Schaeffler Industrial Drives.

The UPLplus series is characterized by an improvement of up to 42% in the force to weight ratio compared to similar drives. It is thus possible to reduce the moving mass in the application or use smaller motors by means of downsizing. The customer benefit is clear: Productivity can either be increased or costs can be reduced.



UPLplus linear motor

Areas of application:

- Automation engineering
- Measurement and inspection machines
- Medical equipment
- Air bearing axes
- Pick-and-place applications
- Semiconductor assembly
- Z-axis drives

Customer benefits:

- Shorter cycle times
- Highly dynamic positioning operations
- Downsizing and space-saving applications
- Small moving masses

Available sizes:

- Three sizes with an active height of 30, 60 and 80 mm
- Up to five primary part lengths
- Peak forces of 100 to 1,300 N
- Nominal forces of 30 to 300 N