



Precision  
Meets  
Simplicity

# VL-210UPTA-(50-600)H

## VL-210UPTA-H50



### One Platform Many Possibilities

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Product diagram of VL-210UPTA-H50

VL-210UPTA-H50 VL-210UPTA-(50-600)H is a sub-micron, travel-customizable ultra-precision motorized linear stage. Built with imported ball-screw and linear-slide guides, it offers a 179 x 179 mm table, 35 – 50 kg load, 1  $\mu$ m repeatability and up to 60 mm/s speed. Stepper-driven as standard, it can be upgraded to closed-loop servo and includes an integrated dust cover—ready for industrial, scientific or long-duration high-load applications.

## Features

- 1  $\mu$ m repeatability, 3  $\mu$ m compensated accuracy
- 50 – 600 mm travel range on 179 mm table, custom lengths available
- Ball-screw + high-rigidity guides, 50 kg load, extended life
- Built-in dust cover; easy add-on of grating, servo or power-off brake
- 60 mm/s high speed, stable continuous operation, plug-and-play

## Parameter

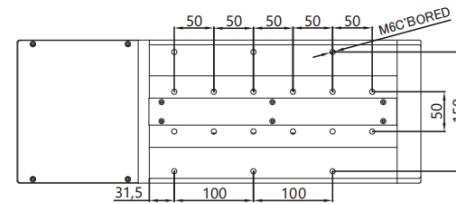
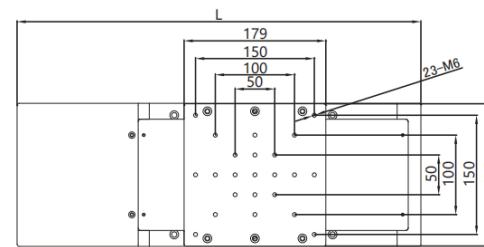
Travel Range : 50mm

Load Capacity : 20kg

Weight : 2.8kg

Overall Length: 460mm

## Dimensions



✉ Get in touch with our team to explore configurations, request a quote, or learn more about customized solutions tailored to your needs.

Let us help you move science forward — faster and smarter.

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