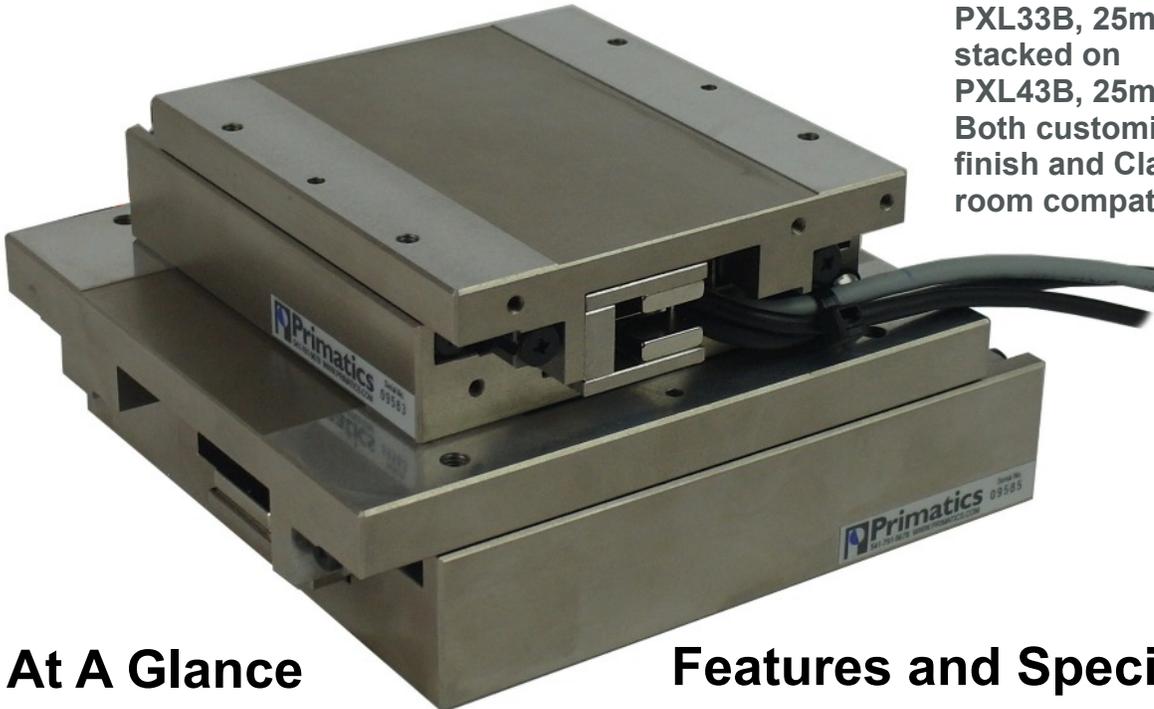


# PXL33B and PXL43B PRECISION LINEAR MOTION CUSTOMIZED WITH NICKEL FINISH



PRIMATICS.COM

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PXL33B, 25mm travel  
stacked on  
PXL43B, 25mm travel  
Both customized with nickel  
finish and Class 100 clean-  
room compatible

## At A Glance

The PXL33B and PXL43B are both low profile, high precision linear motion stages. Each includes a linear motor, linear encoder and cross roller bearings with anti cage creep feature. The PXL43B can be considered the big brother to the PXL33B. The 'B' designates a different linear encoder than that used in the the PXL33A.

For vertical operation, each also supports a pneumatic counterbalance accessory.

## Features and Specifications

Parameter	PXL33B	PXL43B
Travel (mm)	25, 60	25
Payload (kg)	6	10
Bidirectional Repeatability ( $\mu\text{m}$ )	+/- 0.12	+/- 0.12
Accuracy ( $\mu\text{m}$ ) Slope Corrected	+/-2, +/- 3	+/- 1
Straightness ( $\mu\text{m}$ )	+/-1.0, +/- 1.1	+/- 0.75
Flatness( $\mu\text{m}$ )	+/-1.0, +/- 1.1	+/- 0.75
Drivetrain	Linear Motor	
Linear Encoder	Renishaw Tonic series Digital or SIN/COS	
Limit Sensors	Forward and Reverse	
Dimensions (mm) H x W	33 x 75	43 x 135

### Need More Information?

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