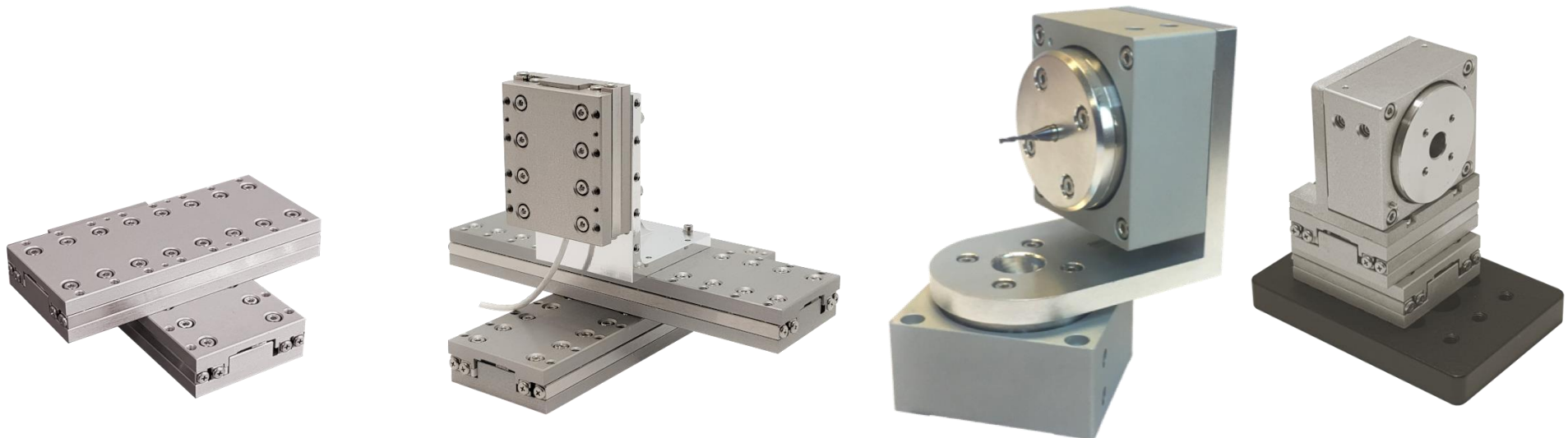


## Stages Combination Guide

The Xeryon precision stages can be combined into different configurations such as XY, XYZ, XTheta or XYTheta. The matching mounting hole patterns of our different stages makes it very easy to build any configuration without the use of custom adapter plates.

Almost all of our linear and rotary stages can be mounted without any custom adapter plates needed. Often combinations only need 4 bolts and a hex key. If not, Xeryon provides you with our standard L-bracket to set up fast and easy.

This overview shows the possible combinations.



## Horizontal Mounting

				<u>TOP</u>									
				Actuators		Linear stages				Rotation stages			
				XLA-1	XLA-3	XLS-1		XLS-3	XRT-A	XRT-U			
				20 – 200	45 – 325	30	40 – 120	40 – 120	XRT-A-25	XRT-U-30	XRT-U-40	XRT-U-60	
<b>BOTTOM</b>	<b>Actuators</b>	XLA-1	20 – 200	Bracket needed									
		XLA-3	45 – 325	Bracket needed	Bracket needed								
	<b>Linear stages</b>	XLS-1	30	Bracket needed	Bracket needed	No bracket needed	<i>Bracket needed (set-up not advised)</i>	<i>No bracket needed (set-up not advised)</i>	Bracket needed	Bracket needed	Bracket needed	Bracket needed	Bracket needed
			40 – 120	Bracket needed	Bracket needed	No bracket needed	No bracket needed	<i>Bracket needed (set-up not advised)</i>	Bracket needed	Bracket needed	Bracket needed	Bracket needed	Bracket needed
		XLS-3	40 – 120	Bracket needed	Bracket needed	Bracket needed	No bracket needed	No bracket needed	Bracket needed	Bracket needed	Bracket needed	<60mm: bracket ≥60mm: No bracket	Bracket needed
	<b>Rotation stages</b>	XRT-A	XRT-A-25	Bracket needed	Bracket needed	Bracket needed	Bracket needed	Bracket needed	Bracket needed for gimbal setup				
		XRT-U	XRT-U-30	Bracket needed	Bracket needed	Bracket needed	Bracket needed	Bracket needed					
			XRT-U-40	Bracket needed	Bracket needed	Bracket needed	No bracket needed	No bracket needed					
			XRT-U-60	Bracket needed	Bracket needed	Bracket needed	No bracket needed	No bracket needed					

## Vertical Mounting

For vertical mounting a Xeryon bracket is always needed.