

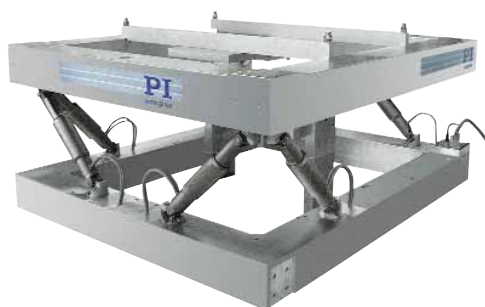
M-850K Hexapod Platform, High-Load, 1000 kg



- Six Degrees of Freedom
- Max. Load Capacity to 1000 kg
- Repeatability to 2 μm
- Drive: Brushless Motors with Brake
- Vacuum Compatible up to 10^{-6} hPa

Model	Travel range X / Y / Z	Rotation range $\theta_x / \theta_y / \theta_z$	Max. velocity X/Y/Z	Dimensions
M-850KHLH	± 12 mm	$\pm 3^\circ / \pm 3^\circ / \pm 4^\circ$	0.5 mm/s	\varnothing outside 1 m height 0.5 m

M-850K Hexapod Platform, Large Aperture



- 200 kg Load Capacity (Vertical)
- Very Large Aperture (640 x 820 mm)
- Six Degrees of Freedom
- No Moving Cables for Improved Reliability and Precision
- Parallel-Kinematics Design—Significantly Smaller and Stiffer than Serial-Kinematics Systems, Better Dynamics
- Virtual Pivot Point
- Sophisticated Controller Using Vector Algorithms Included

Model	Max. load base-plate horizontal (optional)	Travel range X / Z / Z	Travel range $\theta_x / \theta_y / \theta_z$	Typ. velocity	Dimensions
M-850KLAH Large Hexapod	200 / 50 kg	± 25 mm	$\pm 5^\circ$	2 mm/s lin. 25 mrad/s rot.	100 x 84 x 40 cm

M-850K Hexapod Platform, High-Load, 1000 kg



- Load Capacity to 1000 kg in Any Orientation
- Six Degrees of Freedom
- Travel Ranges to ± 200 mm, to $\pm 20^\circ$
- Resolution to 0.8 μm , to 0.5 μrad
- Drive: Brushless Motors with Brake
- Sophisticated Controller Using Vector Algorithms

Model	Travel ranges	Push/pull force	Max. velocity	Unidirectional Repeatability	Dimensions
M-850KHTH High-Load Hexapod with Long Travel Range	± 200 mm (X, Y), ± 100 mm (Z) $\pm 20^\circ$ (θ_x, θ_y), $\pm 5^\circ$ (θ_z)	10,000 N	1 mm/s	± 1 μm ; ± 3 μrad	Baseplate: 900 mm \varnothing Upper platform: 800 mm \varnothing height 714 mm aperture: \varnothing 500 mm